

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



CONTROLPOINT DETAILS		Station Number 5211	
Coordinate Information			
Geodetic		Grid	
WGS 84		UTM Zone43	
Lat: 3 ^o 50'58.42149"N		E: 328516.9317m	
Long: 73 ^o 27'20.33989"E		N: 425653.8235m	
Ellp Height: -94.1976		Orth Height: 1.4190	

Island Name: Olhuveli, South Male' Atoll	Date: 15 th May 2012
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Monument description & method of survey:

PSM type: PSM type A (finish height approx 150mm)

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinate. Three PSM was set at the site and data collect from three transect lines of the triangle. Approximately 5:45hrs of data for line PSM5211- 5212, 3:19hrs for line PSM5211-5213. The PSM 5211 is in line of sight to PSM5212. Correction and adjustment are made using Topcon Tools software. Mean sea level of PSM was established using Hulhule predicted tide by transferring a water level and reducing to MSL (water level taken at 16/05/2012 13:38).

General site condition & access:

The PSM 5211 is at the eastern side of Olhuveli near the Spa facility. The PSM is located just off the vegetation line at the beach. PSM is accessible via the beach and access path near the spa facility. Obstruction at 30^o elevation angle is observed at the NW and SW side.

Owner: K. Olhuveli (Olhuveli beach and Spa Resort); Owner of the resort takes full responsibility for safeguarding the PSM.

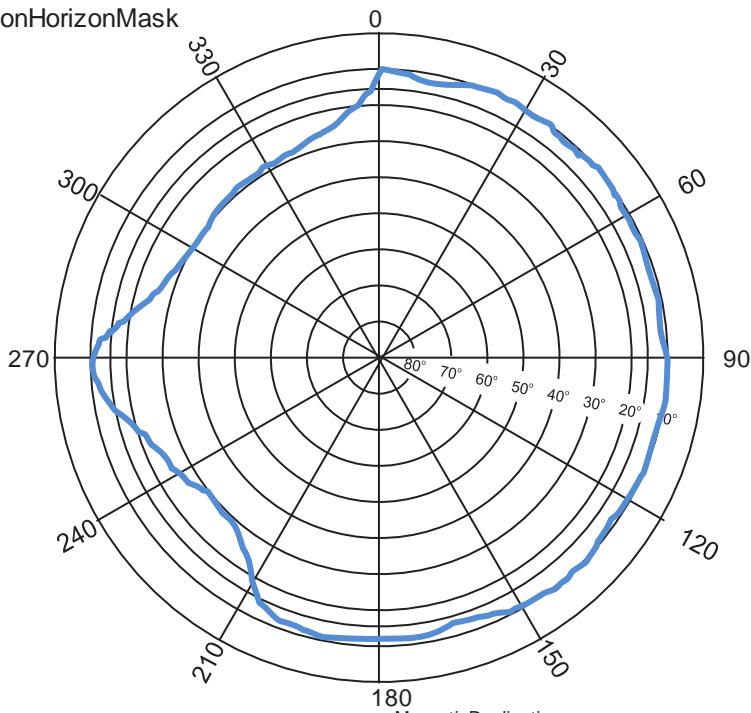


SITE INFORMATION

Station Number

P	S	M	5	2	1	1
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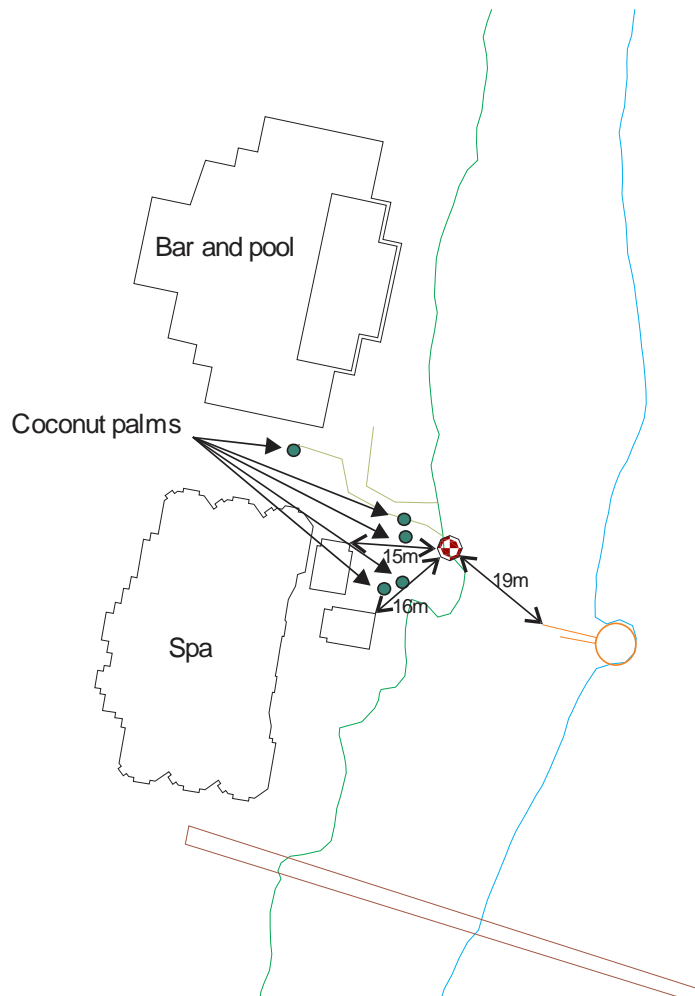
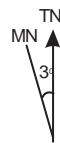
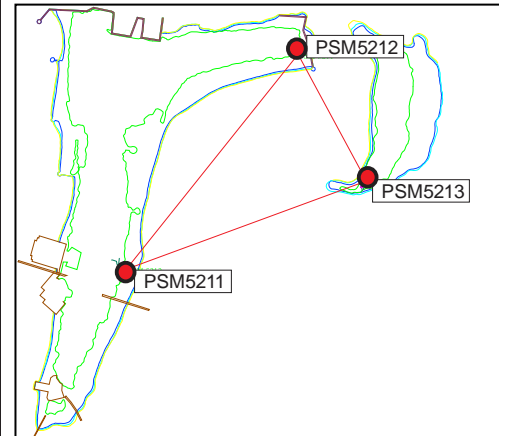
StationHorizonMask



Height above Marker that horizon was mapped from 1.378 m

Magnetic Declination -----
 Declination applied to this figure?
 Yes No

Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 05/17 2012

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CONTROLPOINT DETAILS		Station Number 5212	
Coordinate Information			
Geodetic		Grid	
WGS 84		UTM Zone43	
Lat: 3 ^o 51'10.73490"N		E: 328819.3115m	
Long: 73 ^o 27'00.11884"E		N: 426031.4877m	
Ellp Height: -94.0404		Orth Height: 1.5482	

Island Name: Olhuveli, South Male' Atoll	Date: 15 th May 2012
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Monument description & method of survey:

PSM type: PSM type A (finish level approx 150mm above ground level). Footing is casted (2ftx 2ft) to ensure that PSM is stable.

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinate. Three PSM was set at the site and data collect from three transect lines of the triangle. Approximately 5:45hrs of data for line PSM5211- 5212, 2:21hrs for line PSM5212-5213. The PSM 5212 is in line of sight to PSM5211. Correction and adjustment are made using Topcon Tools software. The MSL of PSM is established by transferring level from PSM 5211 as part of level run.

General site condition & access:

The PSM 5212 is located at the northern side of the island facing east. The PSM is located just off the vegetation line next to small Sea lettuce bush. The PSM is accessible via the beach. The area is reclaimed/backfilled area; therefore additional support in the form of a footing is provided. Obstruction is observed at the western side (vegetation) at 40° elevation angle (bushy vegetation and coconut palms).

Owner: K. Olhuveli (Olhuveli beach and Spa Resort); Owner of the resort takes full responsibility for safeguarding the PSM.

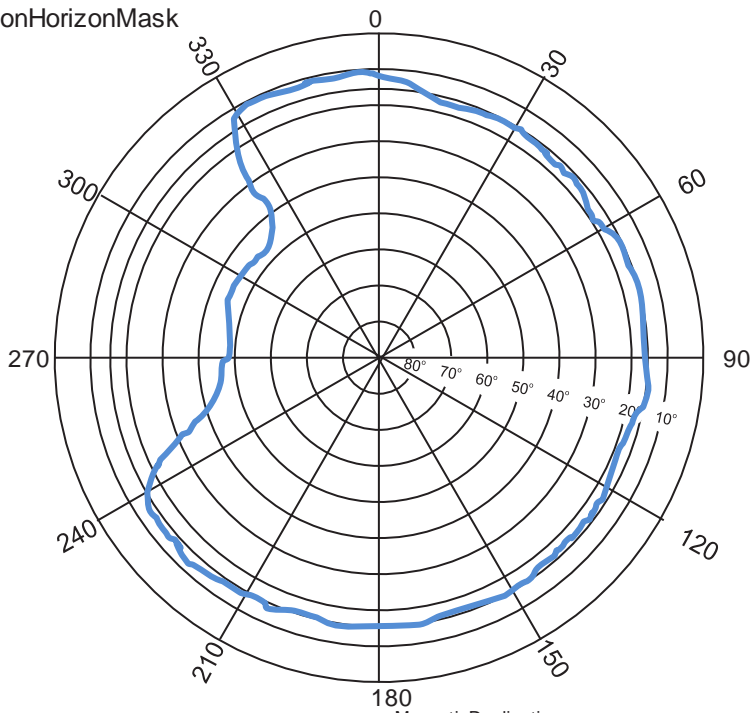


SITE INFORMATION

Station Number

P	S	M	5	2	1	2
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StationHorizonMask

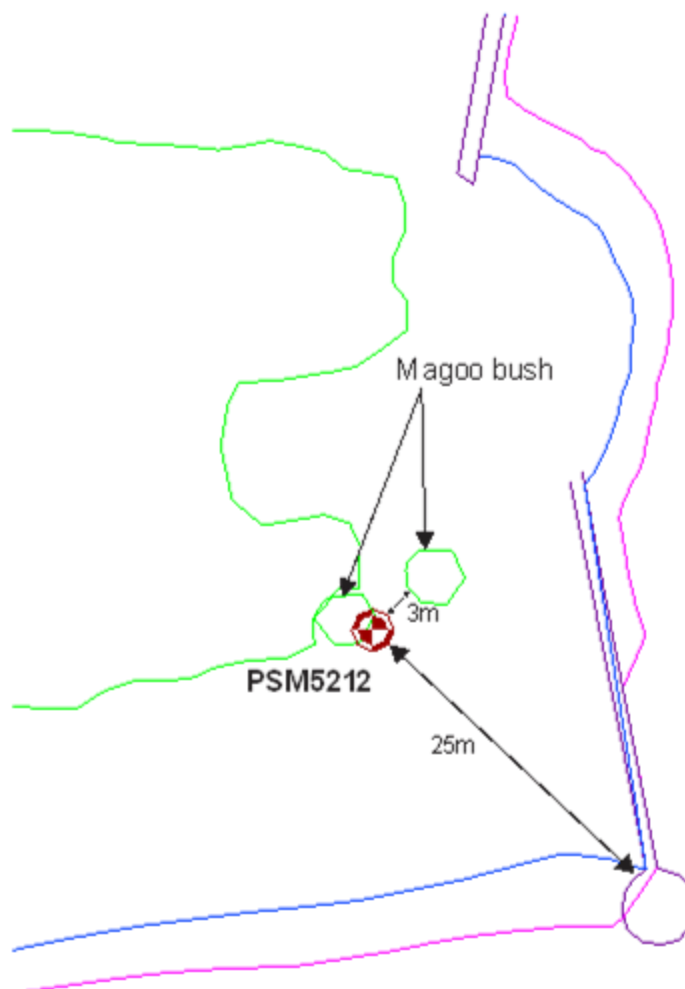
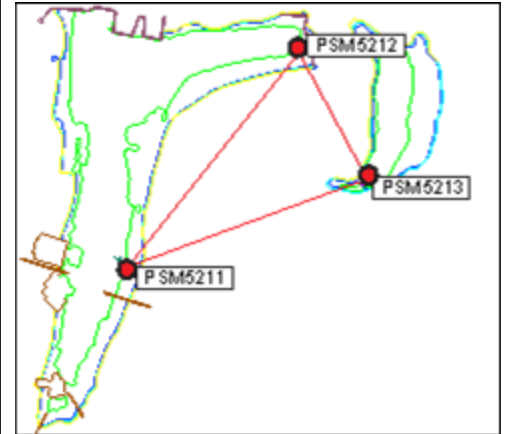


Height above Marker that horizon was mapped from 2.078 m

Magnetic Declination -----
 Declination applied to this figure?
 Yes No



Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 05/17 2012

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CONTROLPOINT DETAILS		Station Number 5213	
Coordinate Information			
Geodetic		Grid	
WGS 84		UTM Zone43	
Lat: 3 ^o 51'03.49873"N		E: 328939.5528m	
Long: 73 ^o 27'34.02928"E		N: 425809.0087m	
Ellp Height: -94.735		Orth Height: 0.9198	

Island Name: Olhuveli, South Male' Atoll	Date: 15 th May 2012
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Monument description & method of survey:

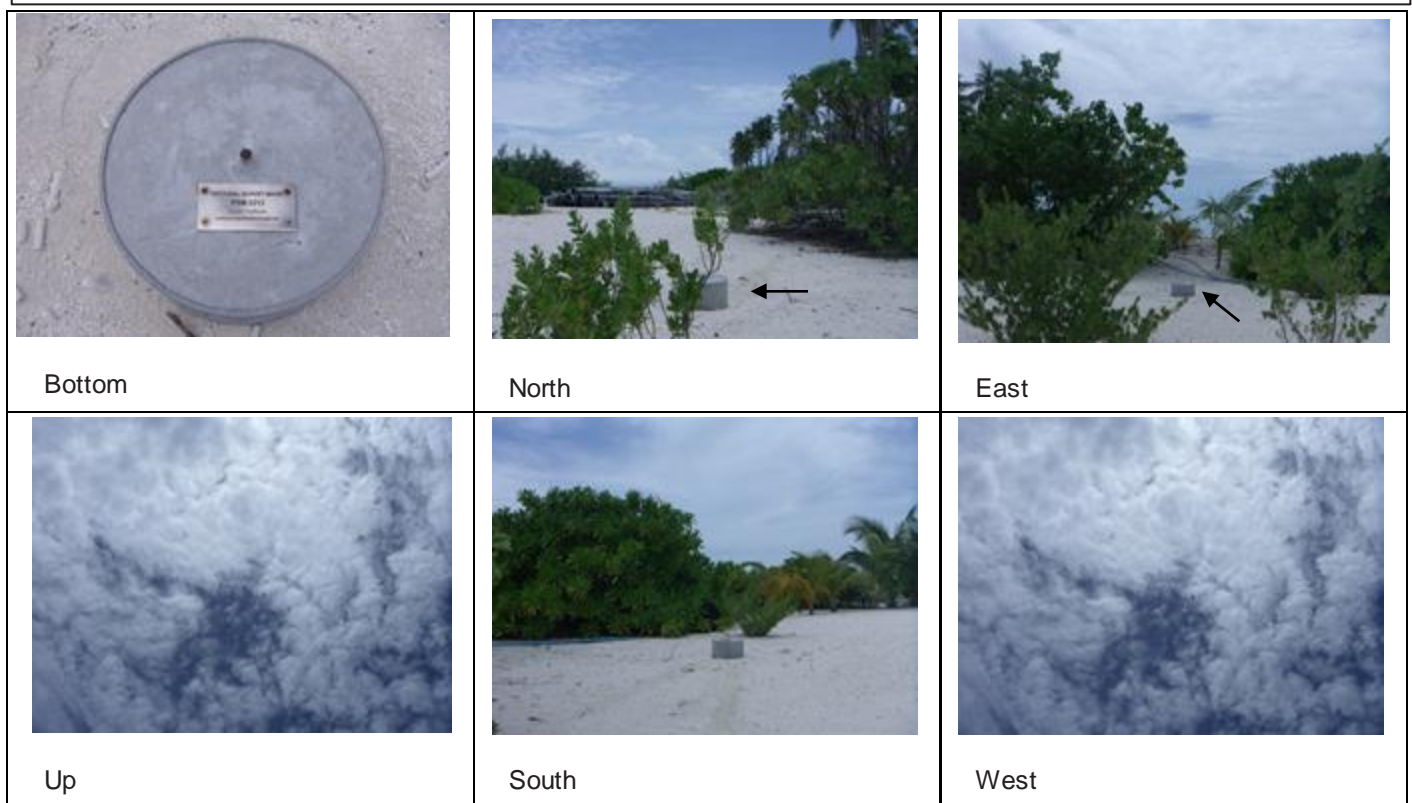
PSM type: PSM type A (finish level approx 160mm; footing of size 2ftx2ft provided for additional support)

PSM was established using Topcon Hiperll DGPS system. Static survey method was used for establishing the horizontal coordinate. Three PSM was set at the site and data collect from three transect lines of the triangle. Approximately 3:19hrs of data for line PSM5211- 5213, 2:21hrs for line PSM5212-5213. Correction and adjustment are made using Topcon Tools software. MSL of PSM established by transferring level from PSM 5212 as part of level run.

General site condition & access:

The PSM 5213 is at the south western side of the reclaimed island east of Olhuveli. The PSM is accessible via the beach and also the path leading to the service hut at the island. Obstruction is only observed at the northern side (bushy vegetation) at 45° elevation angle.

Owner: K. Olhuveli (Olhuveli beach and Spa Resort). Owner of the resort takes full responsibility for safeguarding the PSM.

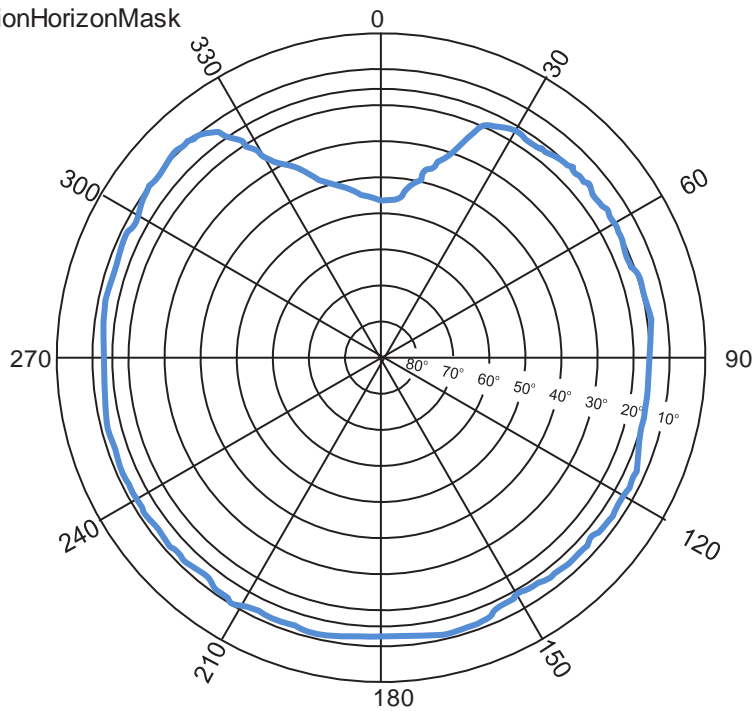


SITE INFORMATION

Station Number

P	S	M	5	2	1	3
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StationHorizonMask

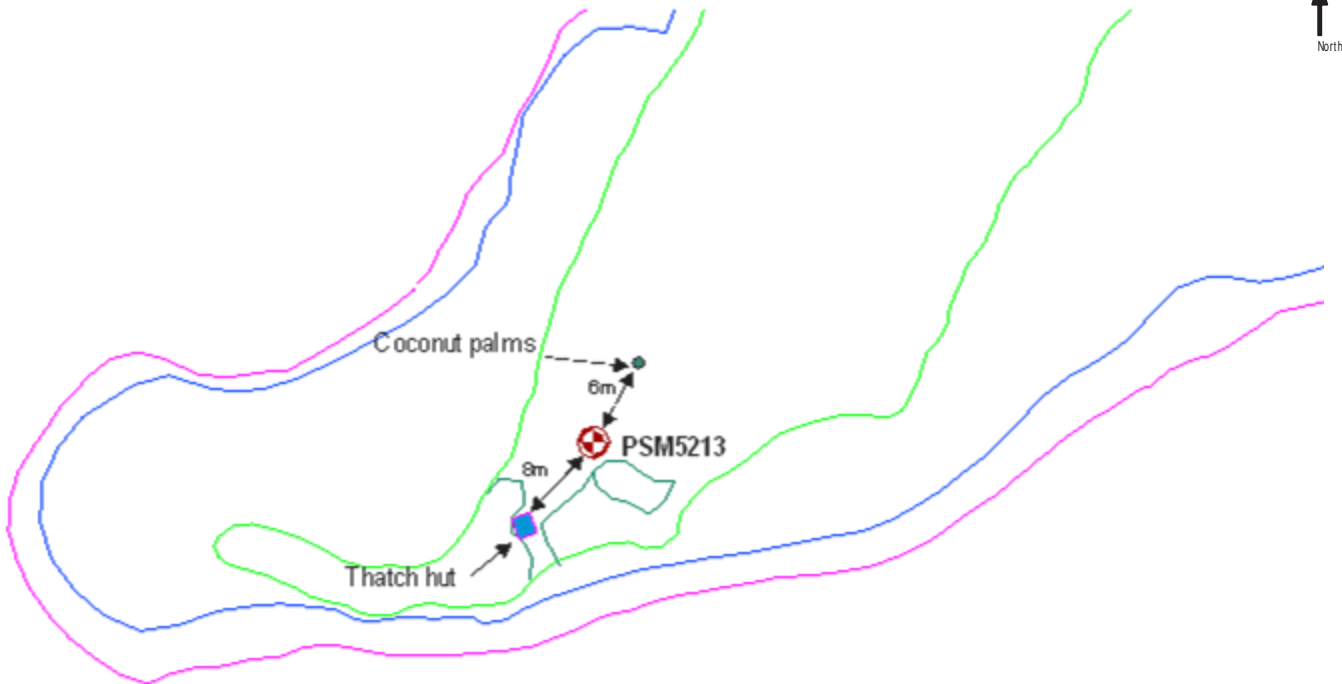
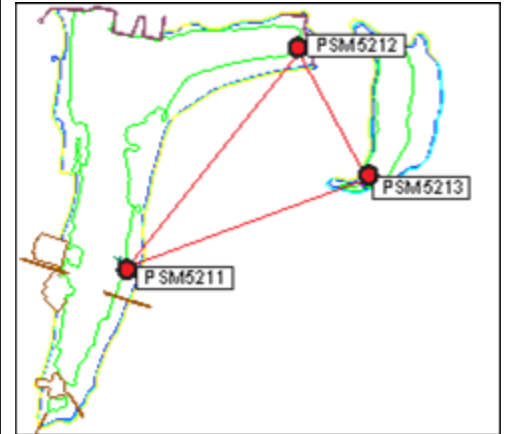


Height above Marker that horizon was mapped from 2.078 m

Magnetic Declination -----
 Declination applied to this figure?
 Yes No



Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 05/17 2012