

SURVEY UNIT,**MINISTRY OF HOUSING AND ENVIRONMENT**

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

Office (PABX): +(960) 3004300, Fax: +(960) 3004301

Email: survey@mhe.gov.mv

Web: www.mhe.gov.mv



CONTROL POINT DETAILS		Station Number: PSM 5052
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 6°59'48.82315"N	E: 272356.6807m	
Long: 72°56'21.88933"E	N: 773904.4664m	
Ellp Height: -93.247	Ortho Height: 1.3062 (derived by Hanimaadhoo predicted tide)	

Date: 28th May 2012**Monument description & method of survey:**

PSM type: PSM type A (finish level approx 150mm above ground level; additional 2ftx2ft footing provided for support)

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 5:39hrs of data for line PSM5052- 5053, 3:34hrs for line PSM5052-5054. The PSM 5052 is in line of sight to PSM5053. Correction and adjustment are made using Topcon Tools software. MSL established by transferring water level (29/05/2012 10:35) and reducing to MSL using Hanimaadhoo predicted tide data set.

General site condition & access:

The PSM 5052 is located close to the football ground and tennis court at the BoH of Manafaru. The PSM in line of sight to PSM 5053 close to the staff pool. The PSM can be accessible from the path leading to football ground and tennis court. Sky view is obstructed at northern side (obstructing at 50° elevation angle), east (obstructing at 30° elevation angle), south (obstructing at 30° elevation angle) and west (obstructing at 45° elevation angle).

Owner:Sun Hotels and Resorts Pvt Ltd. The resort management takes full responsibility for safeguarding the PSM.



North



East



South



West

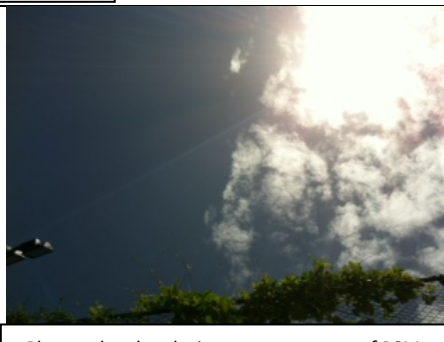


Photo taken by placing camera on top of PSM

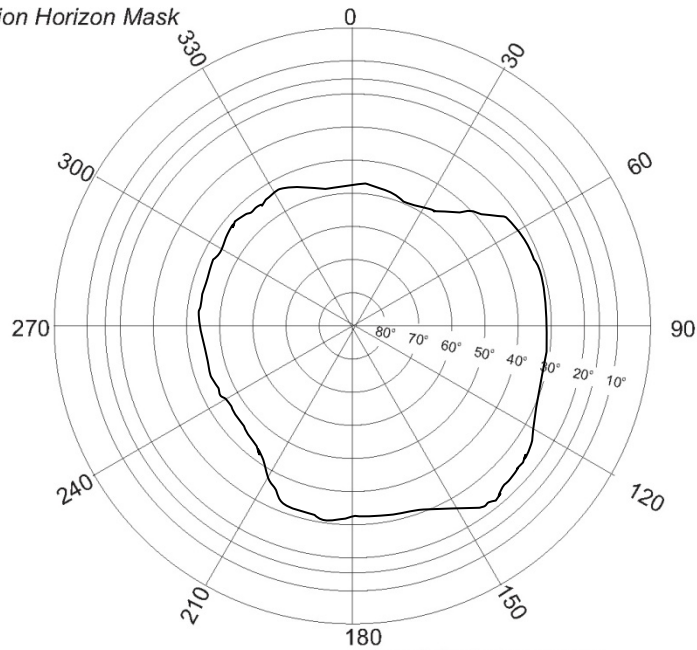


SITE INFORMATION

Station Number

P S M 5 0 5 2

Station Horizon Mask

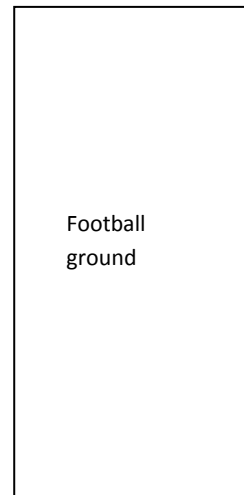
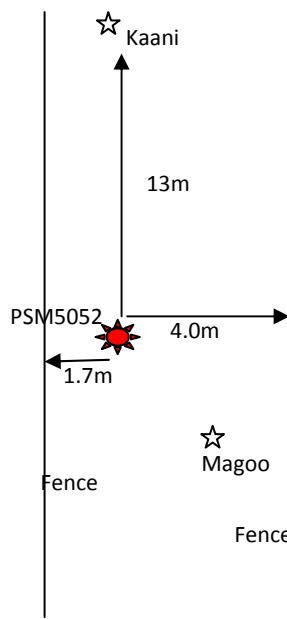
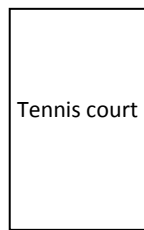
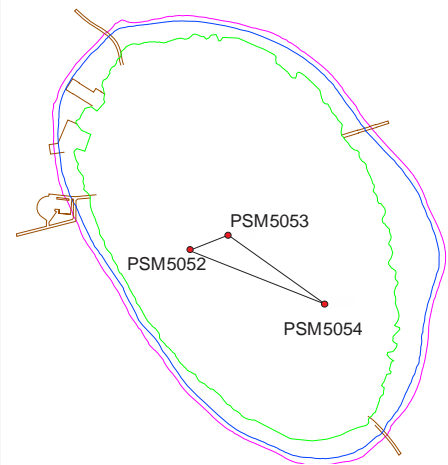


Height above Marker that horizon was mapped from 1.446 m

Magnetic Declination.....
Declination applied to this figure?
☐ Yes ☒ No



Locality



Sketched by: IhsaanWaheed

Scale: Not to scale

Date: 27/06/2012

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CONTROL POINT DETAILS	Station Number: PSM 5053
Coordinate Information	
Geodetic	Grid
WGS 84	UTM Zone 43
Lat: 6°59'49.29217"N	E: 272398.4523m
Long: 72°56'23.24789"E	N: 773918.695m
Ellp Height: -93.600	Ortho Height: 1.0325 m

Date: 28th May 2012**Monument description & method of survey:**

PSM type: PSM type A (finish level approx 150mm above ground level; additional 2ftx2ft footing provided for support)
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 5:39hrs of data for line PSM5052- 5053, 1:43hrs for line PSM5053-5054. The PSM 5053 is in line of sight to PSM5052. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM 5052 as part of level run.

General site condition & access:

The PSM 5053 is located close to the staff pool and Undholige at the BoH of Manafaru. The PSM in line of sight to PSM 5052 close to the football ground. The PSM can be accessible from the path leading to staff pool. Sky view is obstructed at northern side (obstructing at 30° elevation angle), east (obstructing at 30° elevation angle), south east (obstructing at 50° elevation angle), south (obstructing at 30° elevation angle) and west (obstructing at 45° elevation angle).

Owner: Sun Hotels and Resorts Pvt Ltd. The resort management takes full responsibility for safeguarding the PSM.



North



East



South



West



Photo taken by placing camera on top of PSM

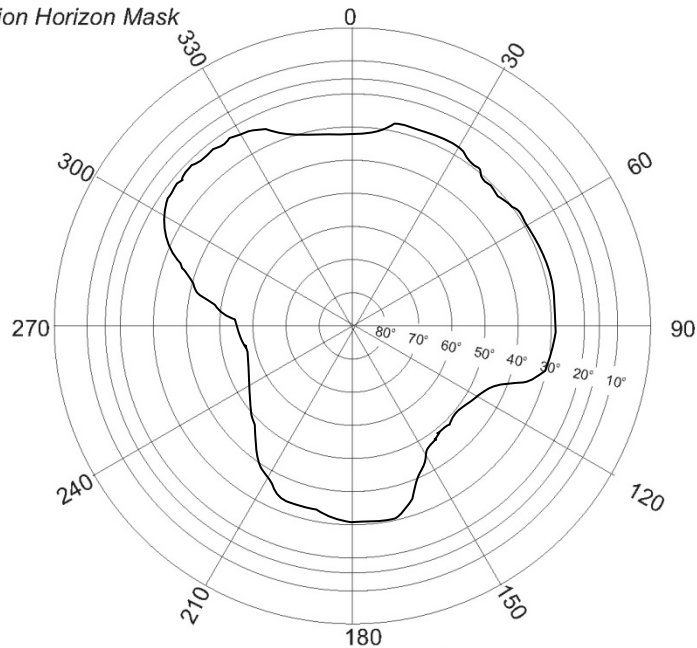


SITE INFORMATION

Station Number

P S M 5 0 5 3

Station Horizon Mask

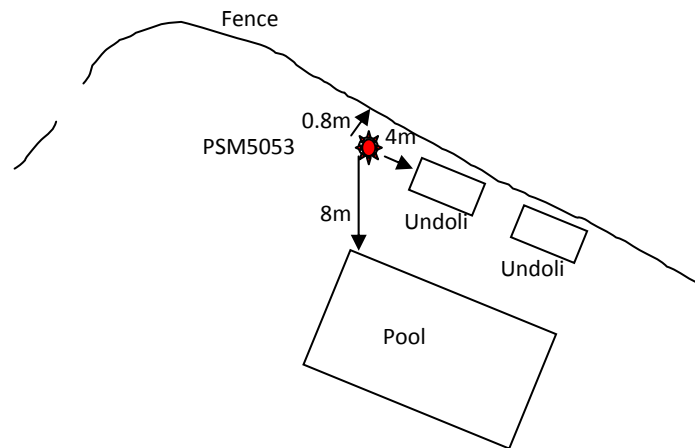
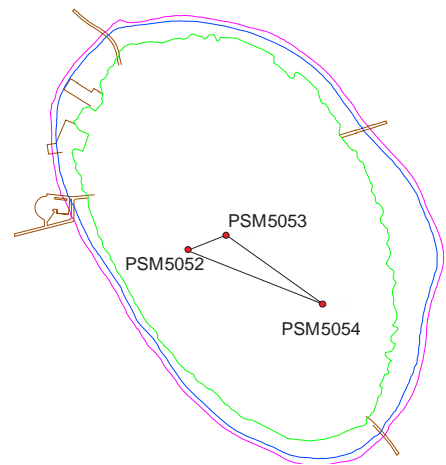


Height above Marker that horizon was mapped from 2.058 m

Magnetic Declination.....
Declination applied to this figure?
☐ Yes ☒ No



Locality



Sketched by: IhsaanWaheed

Scale: Not to scale

Date: 27/06/2012

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CONTROL POINT DETAILS	Station Number: PSM 5054
Coordinate Information	
Geodetic	Grid
WGS 84	UTM Zone 43
Lat: 6°59'46.88547"N	E: 272503.5373m
Long: 72°56'26.68136"E	N: 773844.2832m
Ellp Height: -92.933	Ortho Height: 1.7321

Date: 28th May 2012**Monument description & method of survey:**

PSM type: PSM type A (finish level approx 150mm above ground level; additional 2ftx2ft footing provided for support)
 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 3:34hrs of data for line PSM5052-5054, 1:43hrs for line PSM5053-5054. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM 5053 as part of level run.

General site condition & access:

The PSM 5054 is located at cleared area close to the main pool at Manafaru. The PSM can be accessible from the path leading to pool. Sky view is obstructed at northern side (obstructing at 50° elevation angle), east (obstructing at 30° elevation angle), south (obstructing at 25° elevation angle) and west (obstructing at 40° elevation angle).

Owner: Sun Hotels and Resorts Pvt Ltd. The resort management takes full responsibility for safeguarding the PSM.



North



East



South



West



Photo taken by placing camera on top of PSM

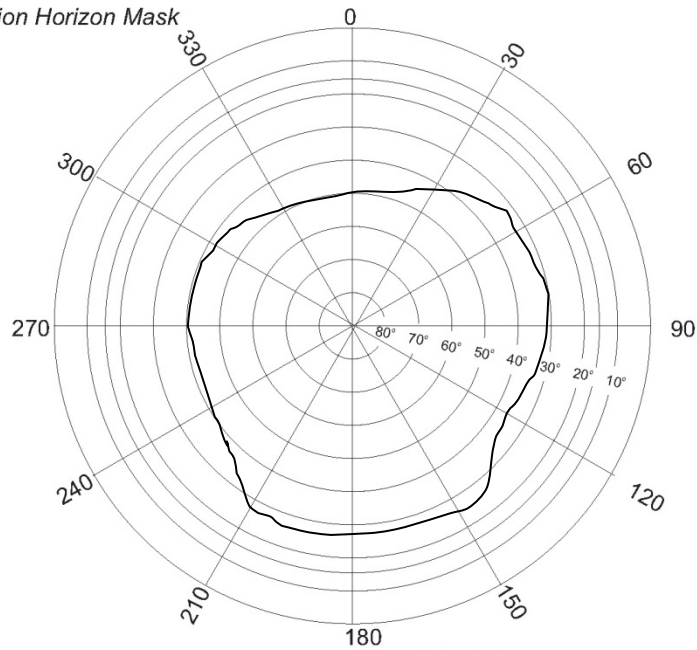


SITE INFORMATION

Station Number

P S M 5 0 5 4

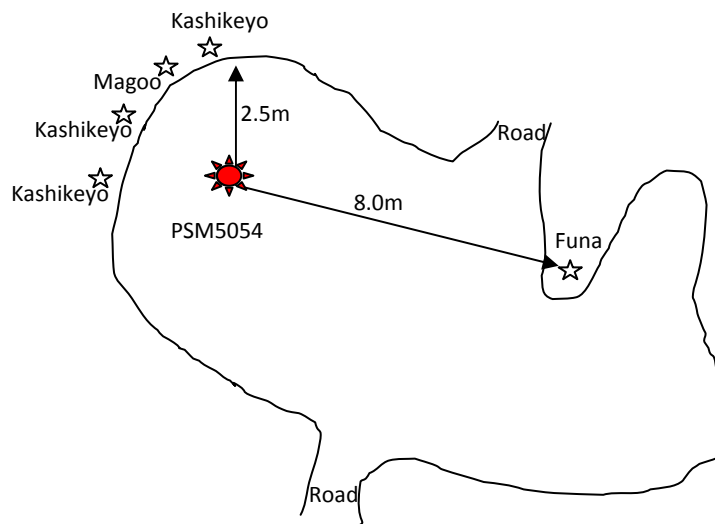
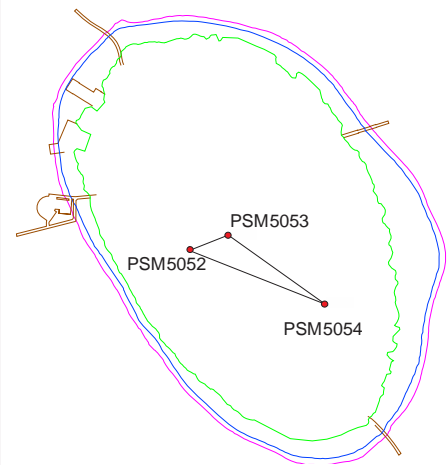
Station Horizon Mask



Height above Marker that horizon was mapped from 2.058 m

Magnetic Declination.....
Declination applied to this figure?
☐ Yes ☒ No

Locality



Sketched by: IhsaanWaheed

Scale: Not to scale

Date: 27/06/2012

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