

# Maldives Land and Survey Authority,

MINISTRY OF HOUSING AND INFRASTRUCTURE  
Ameenah 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 5217
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 5°44'43.15177"N	E: 314367.1023m	
Long: 73°19'25.08205"E	N: 635323.7203m	
Ellp Height: -95.681	Orth Height: 1.160	
Island Name: Medhafushi, Noonu Atoll	Date: 24 <sup>th</sup> 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 5hr 22min of data was collected for the line PSM 5217-5218, 2hrs 42min for the line PSM 5217-5219 and 2hrs 16min for line PSM 5218-5219. Correction and adjustment are made using Topcon Tools software. MSL established by transferring water level (24/05/2012 14:07) and reducing to MSL using Hanimaadhoo predicted tide data set.

## General site condition & access:

The PSM 5217 is located close to the football ground and nursery at the BoH of Irufushi. The PSM is in line of sight to PSM 5218 close to the staff pool. The PSM can be accessible from the path leading to football ground and nursery. Sky view is clear of obstruction apart from a tree at the western side (obstructing at 45° elevation angle).

**Owner:** Irufushi Beach and Spa Resort. The resort management takes full responsibility for safeguarding the PSM.



# SITE INFORMATION

Station Number

P

S

M

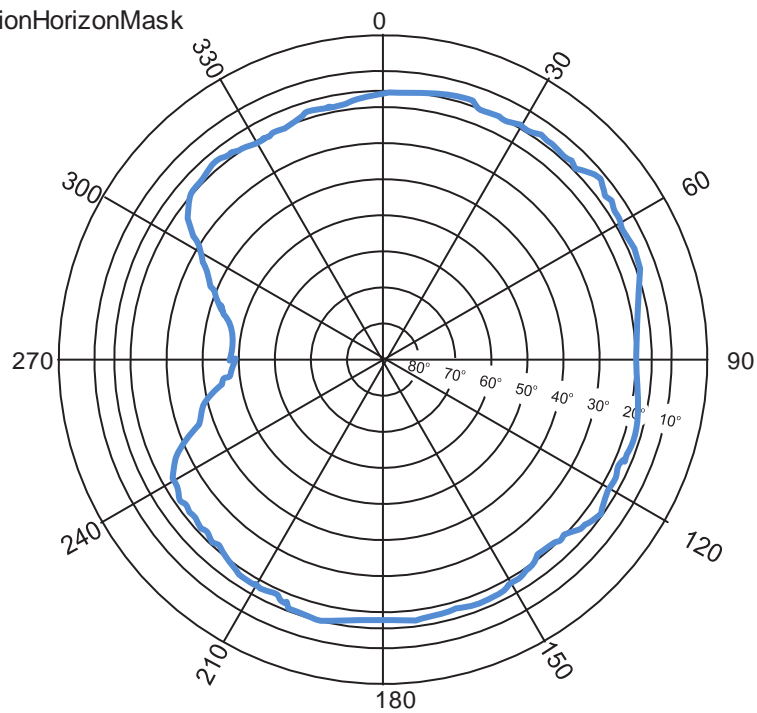
5

2

1

7

StationHorizonMask

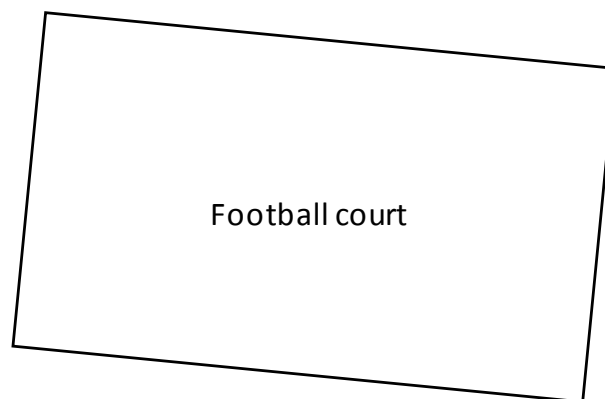
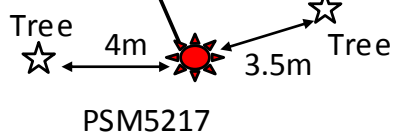
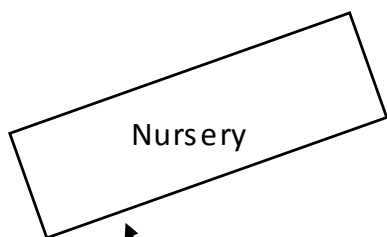


Height above Marker that horizon was mapped from 1.546 m

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



Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 30/06/2012

# Maldives Land and Survey Authority,

MINISTRY OF HOUSING AND INFRASTRUCTURE  
Ameen 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 5218
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 5°44'42.73065"N	E: 314433.7523m	
Long: 73°19'27.24946"E	N: 635310.5887m	
Ellp Height: -95.371	Orth Height: 1.485	

Island Name: Medhafushi, Noonu Atoll	Date: 24 <sup>th</sup> May 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 coordinate. Three PSM was set at the site and data collect from three transect lines of the triangle. Approximately 5hr 22min of data was collected for the line PSM 5217-5218, 2hrs 42min for the line PSM 5217-5219 and 2hrs 16min for line PSM 5218-5219. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM 5217 as part of the level run.

## General site condition & access:

The PSM 5218 is located close to the football ground and staff pool at the BoH of Irufushi. The PSM in line of sight to PSM 5217. PSM accessible via the football ground and walkway leading to staff pool. Sky view obstruction is observed at the WWS direction at 35° and EES direction 30° elevation angle.

**Owner:** Irufushi Beach and Spa Resort. The resort management takes full responsibility for safeguarding the PSM.

		
North	East	
		
Up	South	West

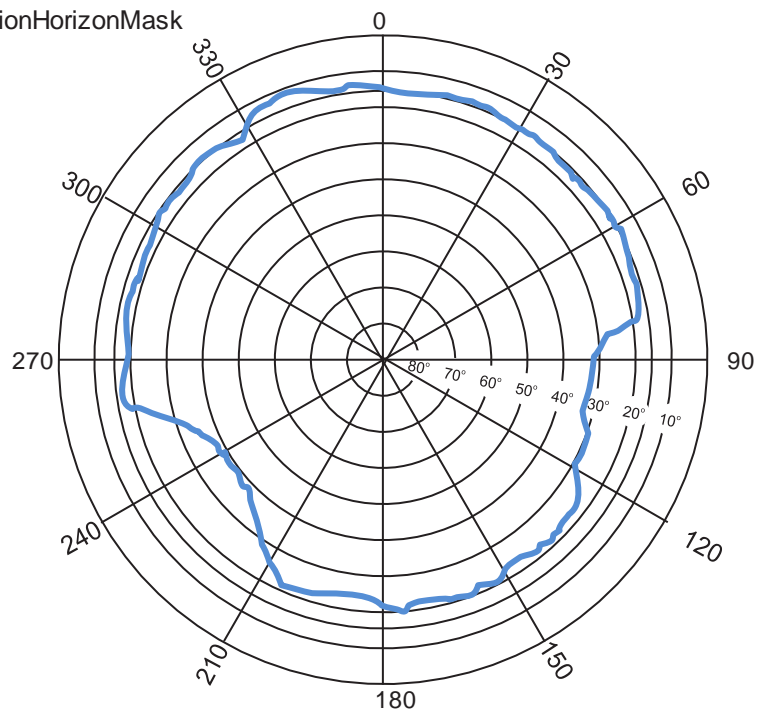


# SITE INFORMATION

Station Number

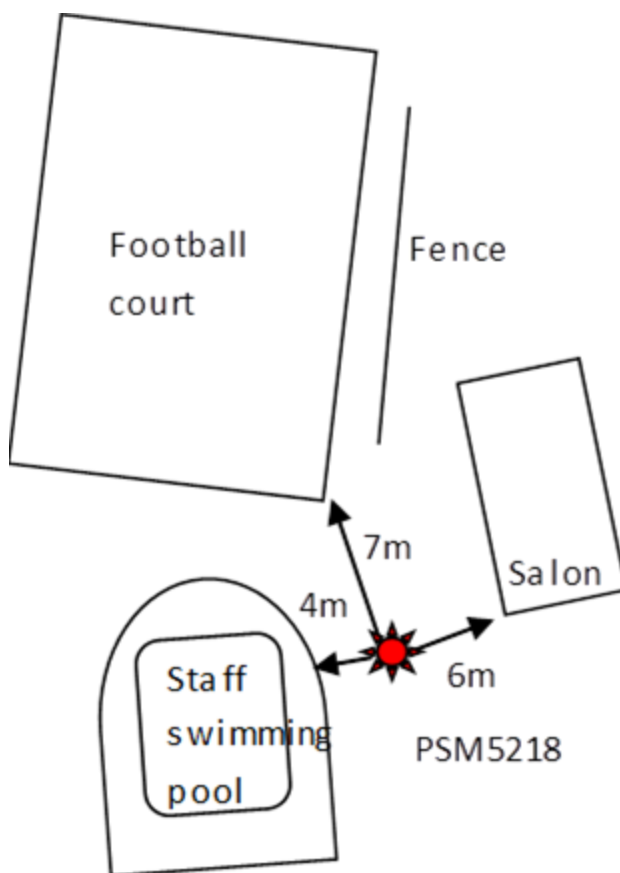
P S M 5 2 1 8

StationHorizonMask



Height above marker that horizon was mapped from 2.058 m

Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 30/06/2012

# Maldives Land and Survey Authority,

MINISTRY OF HOUSING AND INFRASTRUCTURE

Ameene 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 5219
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 5°44'36.04097"N	E: 314567.0283m	
Long: 73°19'31.60058"E	N: 635104.6976m	
Ellp Height: -95.624	Orth Height: 1.230	

Island Name: Medhafushi, Noonu Atoll	Date: 24 <sup>th</sup> May 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 coordinate. Three PSM was set at the site and data collect from three transect lines of the triangle. Approximately 5hr 22min of data was collected for the line PSM 5217-5218, 2hrs 42min for the line PSM 5217-5219 and 2hrs 16min for line PSM 5218-5219. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM 5218 as part of the level run.

## General site condition & access:

The PSM 5219 is located close to the tennis court and room 278 at the eastern side of the island. The PSM is placed at garden area next to the pathway at tennis court area. The PSM is accessible from the path near the tennis court. Sky view obstruction is observed at the NW side (35° elevation angle) and E side (35° elevation angle).

**Owner:** Irufushi Beach and Spa Resort. The resort management takes full responsibility for safeguarding the PSM.

 <p>Bottom</p>	 <p>North</p>	 <p>East</p>
 <p>Up</p>	 <p>South</p>	 <p>West</p>

# SITE INFORMATION

Station Number

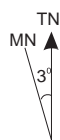
P S M 5 2 1 9

StationHorizonMask

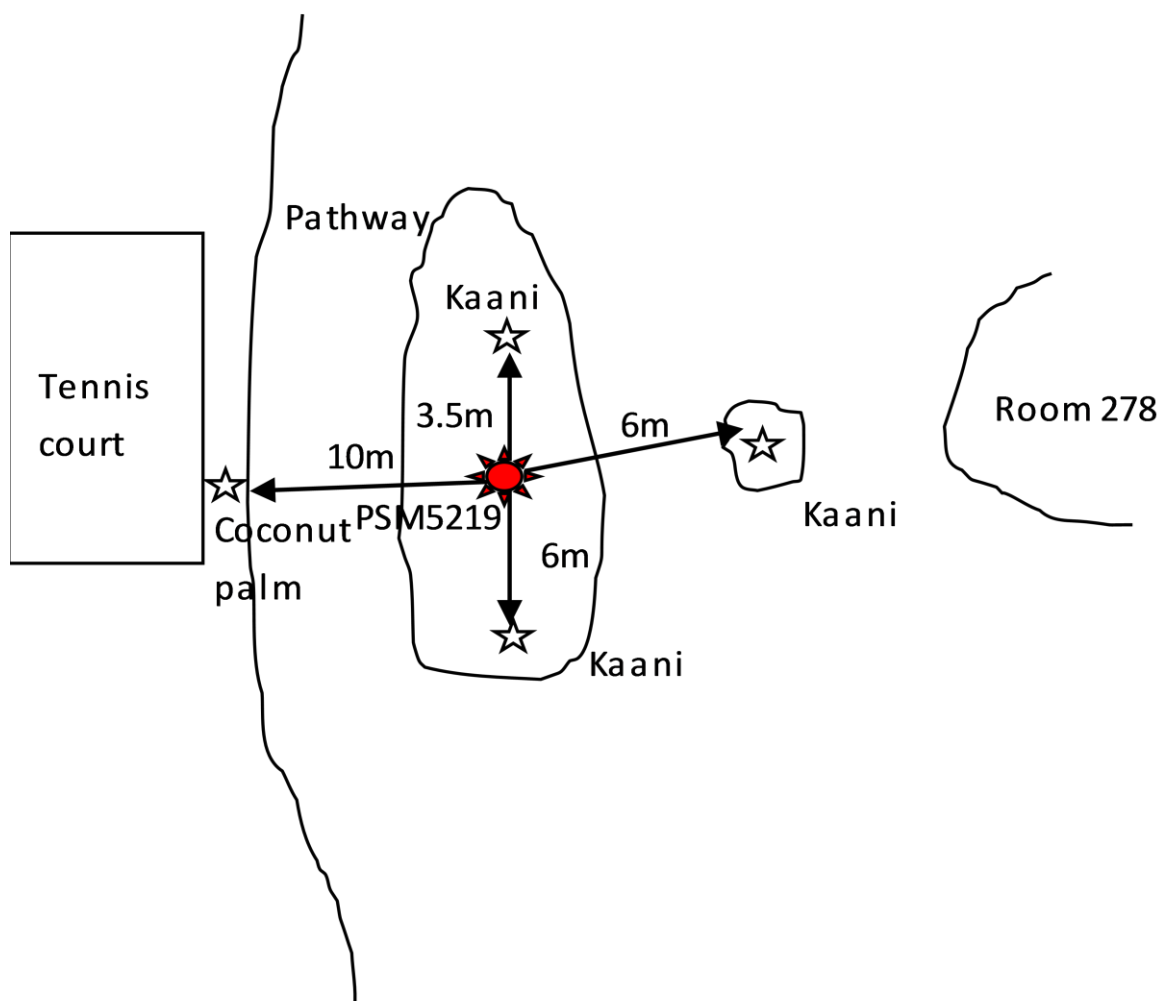


Height above Marker that horizon was mapped from: 2.058 m

MagneticDeclination  
Declinationappliedtothisfigure?  
☐ Yes ☒ No



Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 30/06/2012