

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 5019
Coordinate Information	
Geodetic	Grid
WGS 84	UTM Zone 43
Lat: 3°35'37.61300"N	E: 333098.0184m
Long: 73°29'50.39003"E	N: 397363.2616m
Ellp Height: -92.247m	Orth Height: 1.158m
Island Name: V. Alimathaa	Date: 24 th December 2012

Monument description & method of survey:







PSM type: PSM type A (finish level approx 150mm above ground)

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinate. Three PSM and TBM were set at the site and data collect from three transect lines of the triangle. Approximately 6hrs 03min of data was collected for the line PSM5019-5020, 2hrs 05 min for the line PSM5020-5021, 2hrs 03min for the line PSM5019-5021, 22min for the line PSM5019-TBM, 18min for the line PSM5021-PSM and 20min for the line PSM5020-TBM. Correction and adjustment are made using Topcon Tools software. MSL of the PSM is established by transferring level from PSM5020 as part of level run.

General site condition & access:

The PSM 5019 is at the western side of the island west of the football pitch. The PSM is accessible via the path around the pitch. The PSM5019 is in line of sight to PSM5020 located at the southern side of pitch near badminton court. Sky view is obstructed at N (45°), NE (40°), EES (50°) and W side (45°).

Owner: Alimathaa Aquatic Resort. The resort management takes full responsibility for safeguarding the PSM.

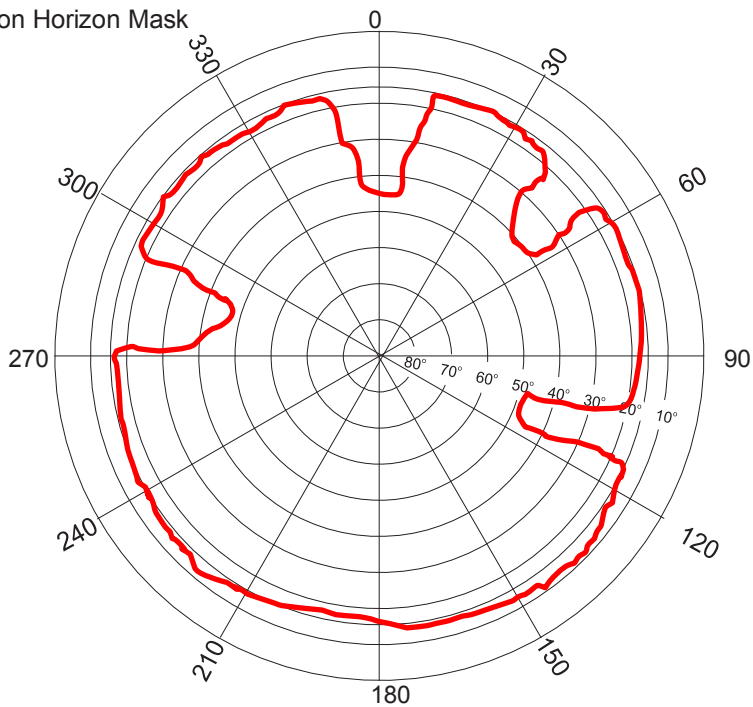
		
Bottom	North	East
		
Up	South	West

SITE INFORMATION

Station Number

P	S	M	5	0	1	9
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Station Horizon Mask

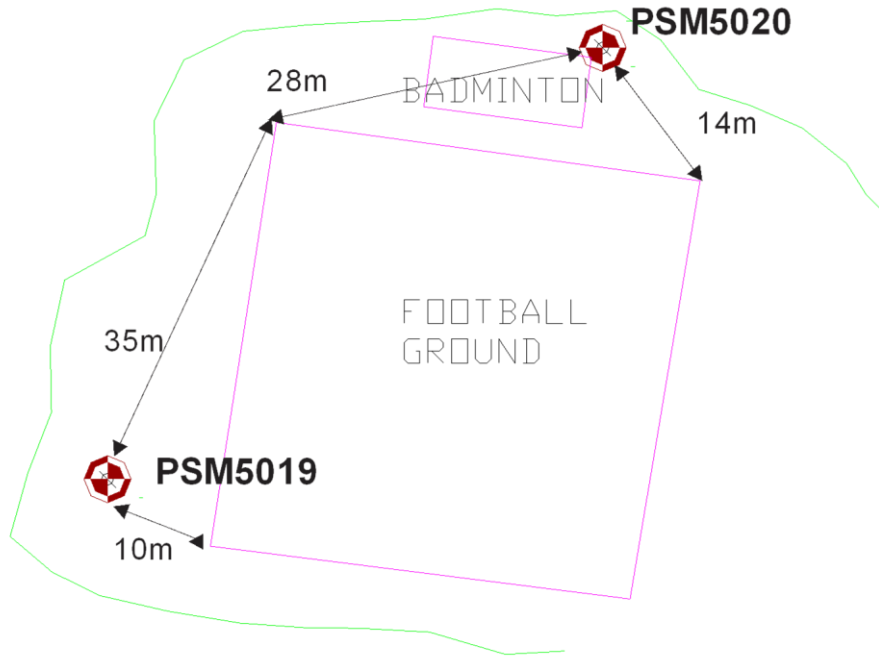


Height above Marker that horizon was mapped from 1.578 m

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



Locality



Sketched by: Shakir

Scale: Not to scale

Date: 12/24/2012

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CONTROL POINT DETAILS	Station Number 5020
Coordinate Information	
Geodetic	Grid
WGS 84	UTM Zone 43
Lat: 3°35'38.79501"N	E: 333139.6201m
Long: 73°29'51.73618"E	N: 397399.4980m
Ellp Height: -91.733	Orth Height: 1.177m

Island Name: V. Alimathaa	Date: 24 th December 2012
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Monument description & method of survey:


PSM type: PSM type A (finish level approx 150mm above ground)

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinate. Three PSM and TBM were set at the site and data collect from three transect lines of the triangle. Approximately 6hrs 03min of data was collected for the line PSM5019-5020, 2hrs 05 min for the line PSM5020-5021, 2hrs 03min for the line PSM5019-5021, 22min for the line PSM5019-TBM, 18min for the line PSM5021-PSM and 20min for the line PSM5020-TBM. Correction and adjustment are made using Topcon Tools software. MSL of the PSM is established by transferring level from PSM5021 as part of level run.

General site condition & access:

The PSM 5020 is at the southern side of the football pitch next to the badminton court. The PSM is accessible via the path around the pitch. The PSM 5020 is in line of sight to PSM 5019 located at the western side of pitch. Sky view is obstructed at SSW side (40°) and NW side (30°).

Owner: Alimathaa Aquatic Resort. The resort management takes full responsibility for safeguarding the PSM.

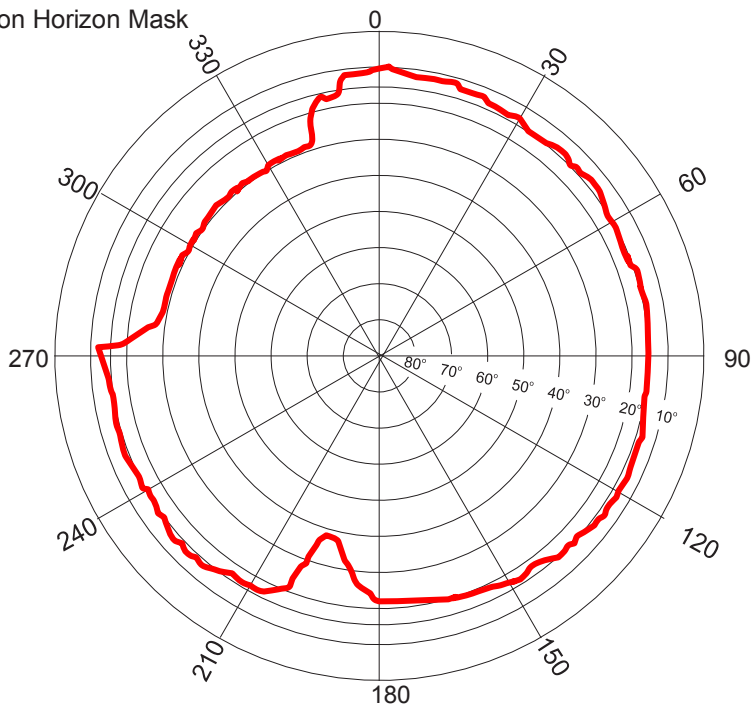
		
Bottom	North	East
		
Up	South	West

SITE INFORMATION

Station Number

P	S	M	5	0	2	0
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Station Horizon Mask

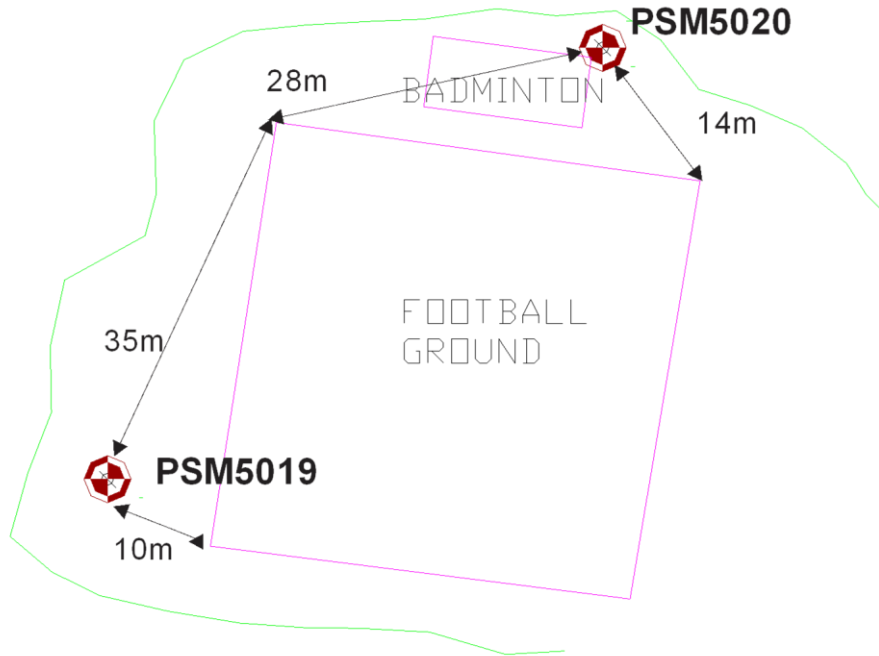


Height above Marker that horizon was mapped from 2.077 m

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



Locality



Sketched by: Shakir

Scale: Not to scale

Date: 12/24/2012

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CONTROL POINT DETAILS		Station Number 5021	
Coordinate Information			
Geodetic		Grid	
WGS 84		UTM Zone 43	
Lat: 3°35'42.98012"N		E: 333226.2835m	
Long: 73°29'54.53761"E		N: 397527.8997m	
Ellp Height: -92.036		Orth Height: 1.380m	
Island Name: V. Alimathaa		Date: 24 th December 2012	

Monument description & method of survey:





PSM type: PSM type A (finish level approx 150mm above ground)

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinate. Three PSM and TBM were set at the site and data collect from three transect lines of the triangle. Approximately 6hrs 03min of data was collected for the line PSM5019-5020, 2hrs 05 min for the line PSM5020-5021, 2hrs 03min for the line PSM5019-5021, 22min for the line PSM5019-TBM, 18min for the line PSM5021-PSM and 20min for the line PSM5020-TBM. Correction and adjustment are made using Topcon Tools software. MSL established by transferring water level (28/05/2012 12:49) and reducing to MSL using Hulhule predicted tide data set.

General site condition & access:

The PSM 5021 is at the northern side of the island behind the revetment structure. The PSM is accessible via the path leading to the water villas. Sky view is obstructed at S and SE side (25°)

Owner: Alimathaa Aquatic Resort. The resort management takes full responsibility for safeguarding the PSM.

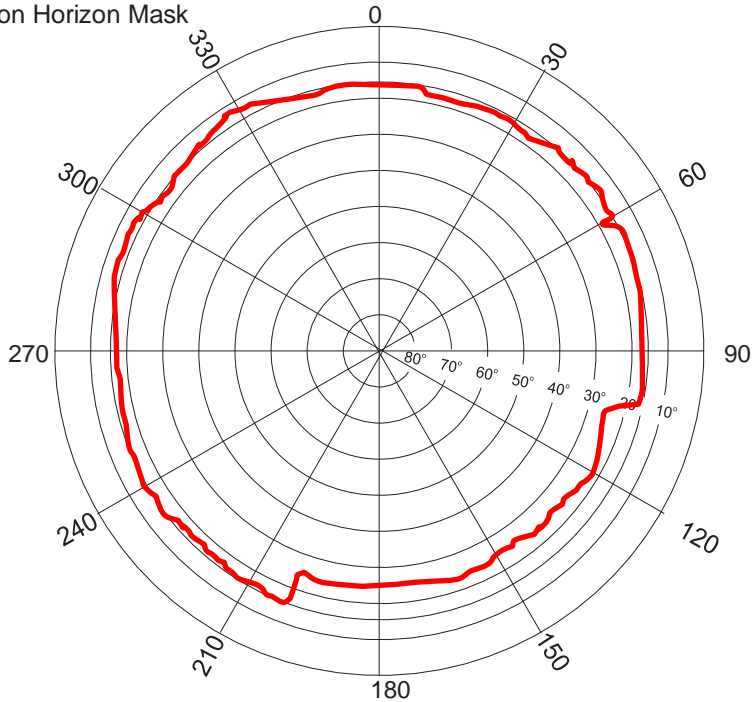
 <p>Bottom</p>	 <p>North</p>	 <p>East</p>
 <p>Up</p>	 <p>South</p>	 <p>West</p>

SITE INFORMATION

Station Number

P	S	M	5	0	2	1
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Station Horizon Mask

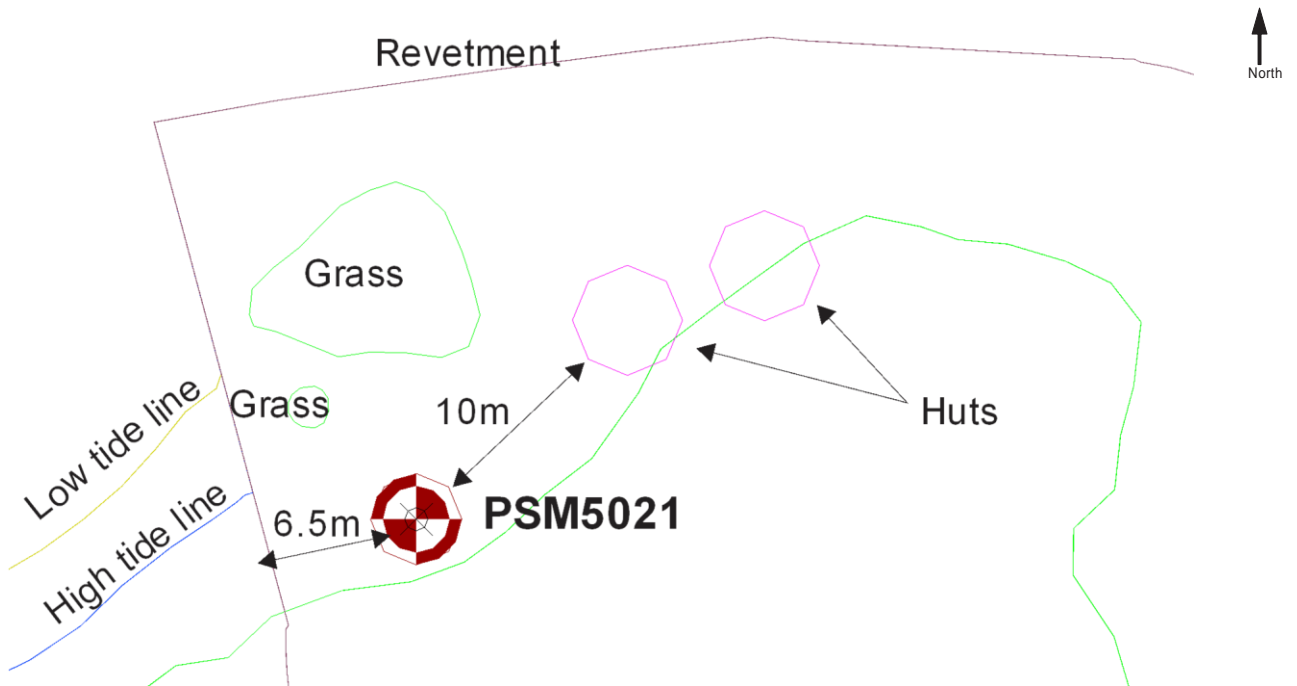


Height above Marker that horizon was mapped from 1.578 m

Locality



Revetment



Sketched by: Shakir

Scale: Not to scale

Date: 12/24/2012