

# Maldives Land and Survey Authority,

MINISTRY OF HOUSING AND INFRASTRUCTURE

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

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## CONTROL POINT DETAILS

Station Number 5016

### Coordinate Information

Geodetic

Grid

WGS 84

UTM Zone 43

Lat: 0°30'20.21178"N

E: 327986.5771m

Long: 73°27'15.43597"E

N: 55906.0746m

Ellp Height: -95.0197

Orth Height: 1.684m

Island Name: Ga. Hadahaa

Date: 23<sup>rd</sup> May 2012

### Monument description & method of survey:

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

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM and a temporary bench mark (TBM) were set at site and data collected for three triangles. Approximately 6hrs 02min of data collected for line PSM 5016-5017, 1hr 07min for line PSM5016-5018, 59min for the line PSM 5017-5018, 1hr 04min for the line PSM5018-TBM, 1hr for the line PSM 5016-TBM and 1hr 03min for the line PSM 5017-BM. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM 5018 as part of level run.

### General site condition & access:

The PSM 5016 is located inside the BoH area (central open area of BoH ring building, located at the northern side of the building close to the antenna). The PSM5016 is in line of sight to PSM 5017; located south of PSM5016 at the BoH area. The PSM 5016 can be accessed via the open area of BoH complex. Sky view is obstructed at the northern side (55°), North Eastern side (50°), Eastern side (30°), Southern side (30°) and Western side (60°).

**Owner:** Driftwood Pvt Ltd. The resort management takes full responsibility for safeguarding the PSM.



Bottom



North



East



Up



South



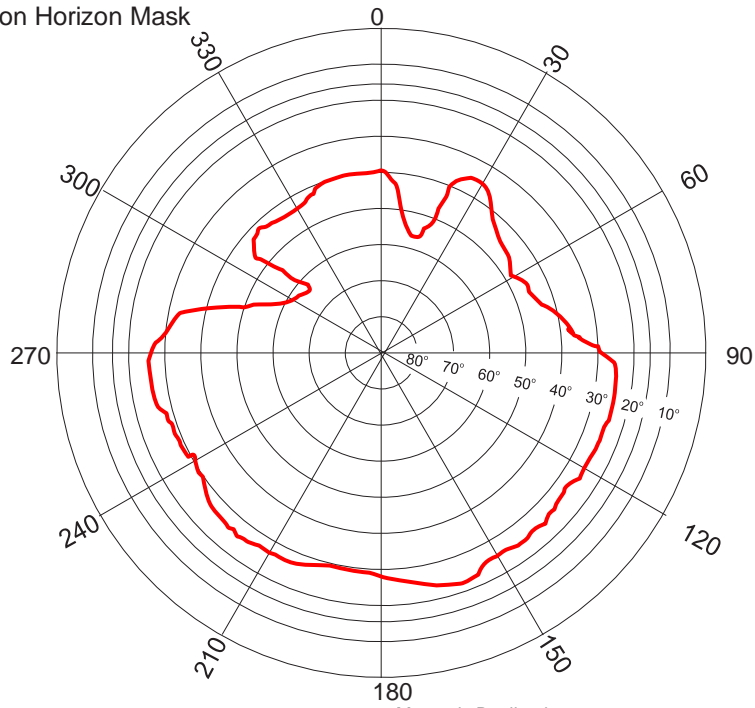
West

# SITE INFORMATION

Station Number

P S M 5 0 1 6

Station Horizon Mask

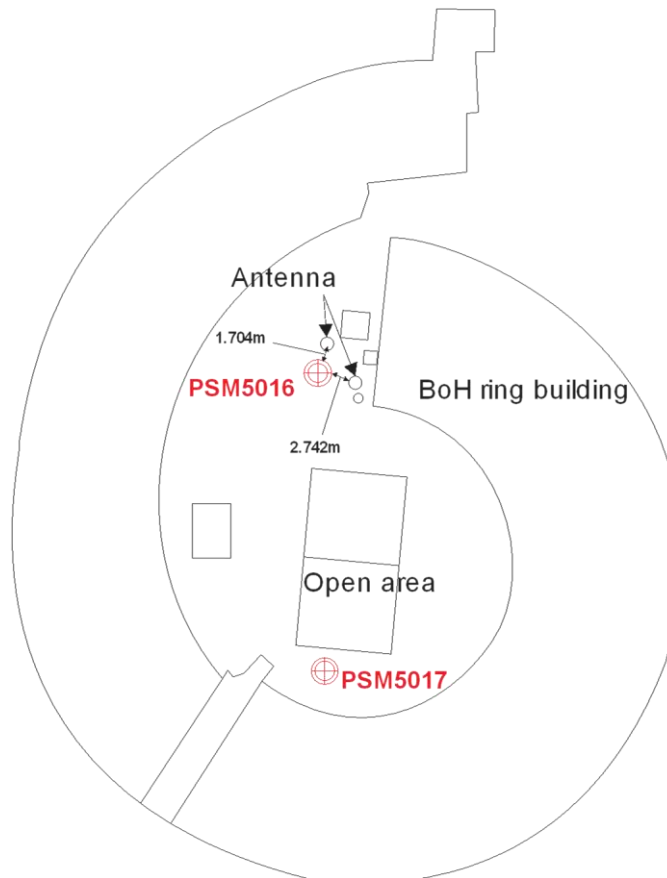


Height above Marker that horizon was mapped from 2.077 m

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



Locality



Sketched by: Usman

Scale: Not to scale

Date: 23<sup>rd</sup> May 2012



CONTROL POINT DETAILS		Station Number 5017
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 0°30'18.82067"N	E: 328016.0571m	
Long: 73°27'16.38973"E	N: 55863.3411m	
Ellp Height: -95.0526	Orth Height: 1.645m	
Island Name: Ga. Hadahaa		Date: 23 <sup>rd</sup> May 2012

**Monument description & method of survey:**

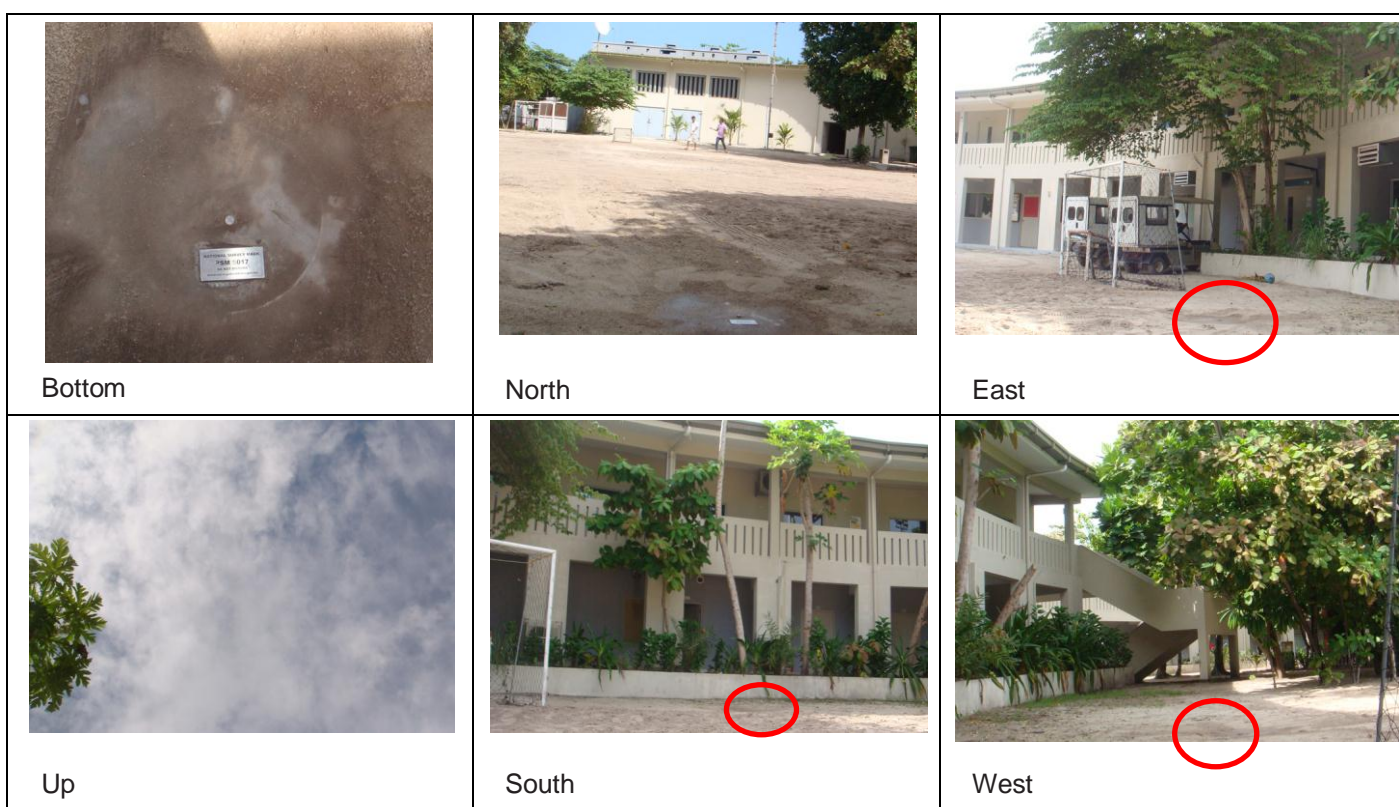
**PSM type:** PSM type A (finish to ground level with an additional 2ft x2ft footing)

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM and a temporary bench mark (TBM) were set at site and data collected for three triangles. Approximately 6hrs 02min of data collected for line PSM 5016-5017, 1hr 07min for line PSM5016-5018, 59min for the line PSM 5017-5018, 1hr 04min for the line PSM5018-TBM, 1hr for the line PSM 5016-TBM and 1hr 03min for the line PSM 5017-BM. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM 5016 as part of level run.

**General site condition & access:**

The PSM 5017 is located inside the BoH area (central open area of BoH ring building, located at the southern side of the building). The PSM5017 is in line of sight to PSM 5016; located north of PSM5017 at the BoH area. The PSM 5016 can be accessed via the open area of BoH complex. Sky view is obstructed at the Eastern side (40°), South Eastern side (50°) and Southern side (40°).

**Owner:** Driftwood Pvt Ltd. The resort management takes full responsibility for safeguarding the PSM.



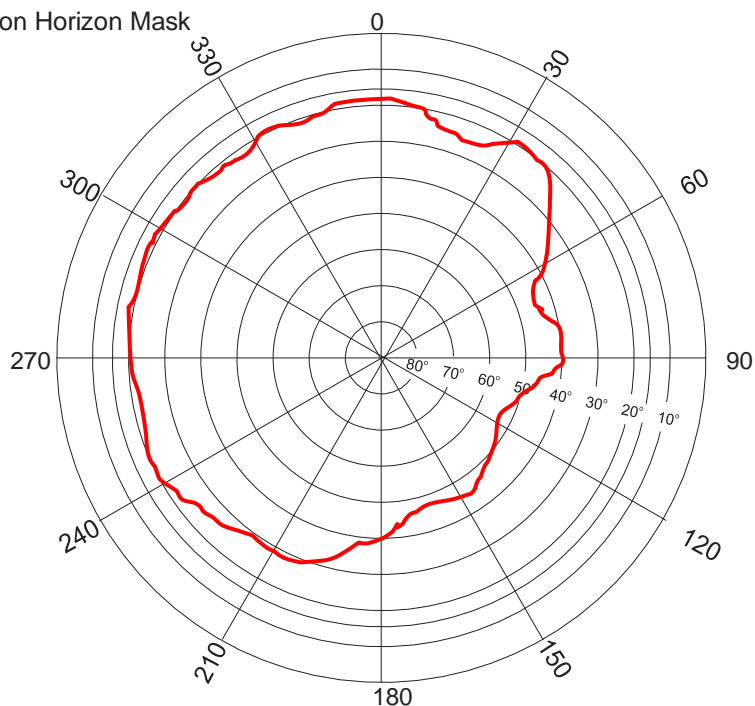


# SITE INFORMATION

Station Number

P S M 5 0 1 7

Station Horizon Mask

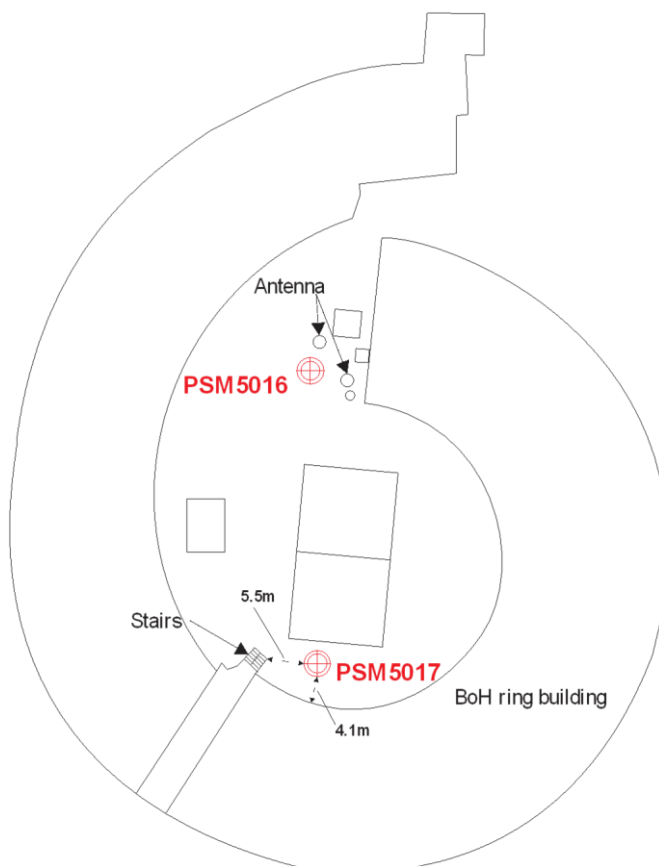


Height above Marker that horizon was mapped from 1.641 m

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



Locality



Sketched by: Usman

Scale: Not to scale

Date: 23<sup>rd</sup> May 2012

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## CONTROL POINT DETAILS

Station Number 5018

### Coordinate Information

Geodetic	Grid
WGS 84	UTM Zone 43
Lat: 0°30'24.64726"N	E: 327884.3787m
Long: 73°27'12.12965"E	N: 56042.3308m
Ellp Height: -95.1397	Orth Height: 1.623m

Island Name: Ga. Hadahaa

Date: 23<sup>rd</sup> May 2012

### Monument description & method of survey:

**PSM type:** PSM type A (finish to ground level with an additional 2ft x2ft footing)

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM and a temporary bench mark (TBM) were set at site and data collected for three triangles. Approximately 6hrs 02min of data collected for line PSM 5016-5017, 1hr 07min for line PSM5016-5018, 59min for the line PSM 5017-5018, 1hr 04min for the line PSM5018-TBM, 1hr for the line PSM 5016-TBM and 1hr 03min for the line PSM 5017-BM. Correction and adjustment are made using Topcon Tools software. MSL established by transferring water level (12/05/2012 17:15) and reducing to MSL using S. Gan predicted tide data set.

### General site condition & access:

The PSM 5018 is located near the reception building at the north western side of the island facing the shoreline. The PSM 5018 can be accessed beach and walkway leading to the reception building. Sky view is obstructed at the Eastern side (30°), Western side (50°) and North Western side (30°).

**Owner:** Driftwood Pvt Ltd. The resort management takes full responsibility for safeguarding the PSM.



Bottom



North



East



Up



South



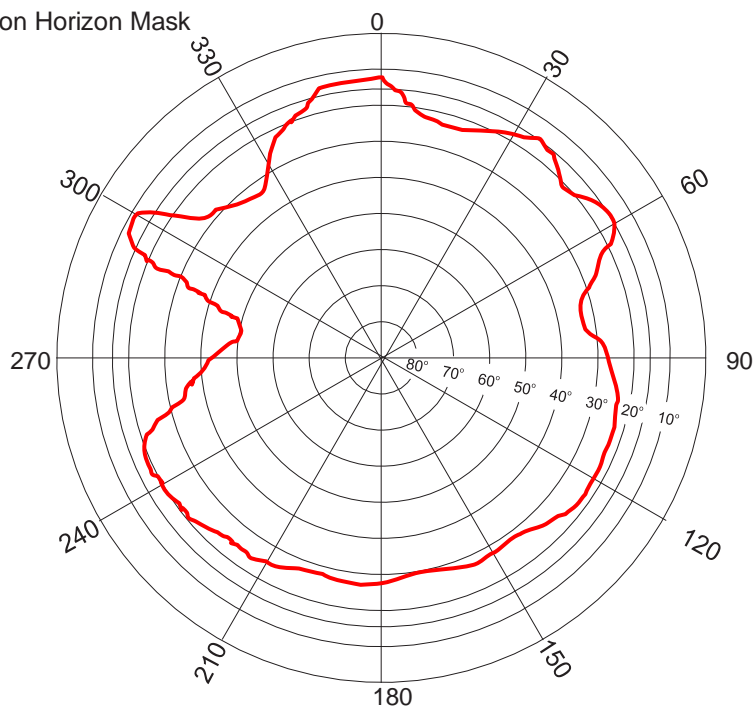
West

# SITE INFORMATION

Station Number

P S M 5 0 1 8

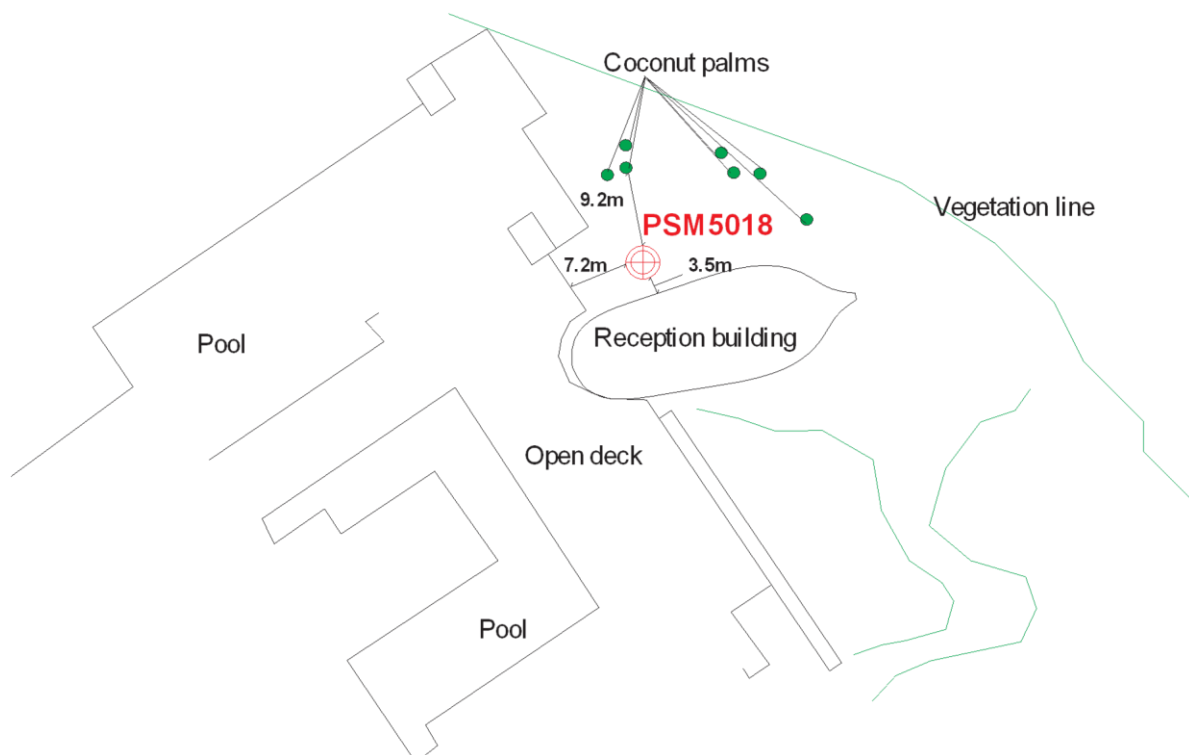
Station Horizon Mask



Height above Marker that horizon was mapped from 1.734 m

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

Locality



Sketched by: Usman

Scale: Not to scale

Date: 23<sup>rd</sup> May 2012