

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 5277
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 3°00'07.62627"N	E: 277729.4290m	
Long: 73°00'00.68541"E	N: 332030.5502m	
Ellp Height: -89.464m	Orth Height: 0.7574m	
Island Name: Dh. Meedhuffushi		Date: 09 th May 2012

Monument description & method of survey:







PSM type: PSM type A (finish level approx 150mm above ground; additional 2ftx2ft footing provided for additional 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 6hrs 02min of data was collected for the line PSM5277-5278, 3hrs 01 min for the line PSM5277-5279 and 3hrs 27min for the line PSM5278-5279. Correction and adjustment are made using Topcon Tools software. MSL of the PSM is established by transferring water level (09/05/2012 16:58) and reducing to MSL using Hulhule predicted tide data set.

General site condition & access:

The PSM 5277 is at the southern side of the island facing east. The PSM is accessible via the beach of the island. The PSM 5277 is in line of sight to PSM 5278 located south west of PSM 5277. Since the area is used by guest for recreational activities a removal fence is installed around the PSM. Obstruction at 50° elevation angle is observed at the northern side (thick vegetation and coconut palms) while the rest is approximately 20° (open to beach).

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

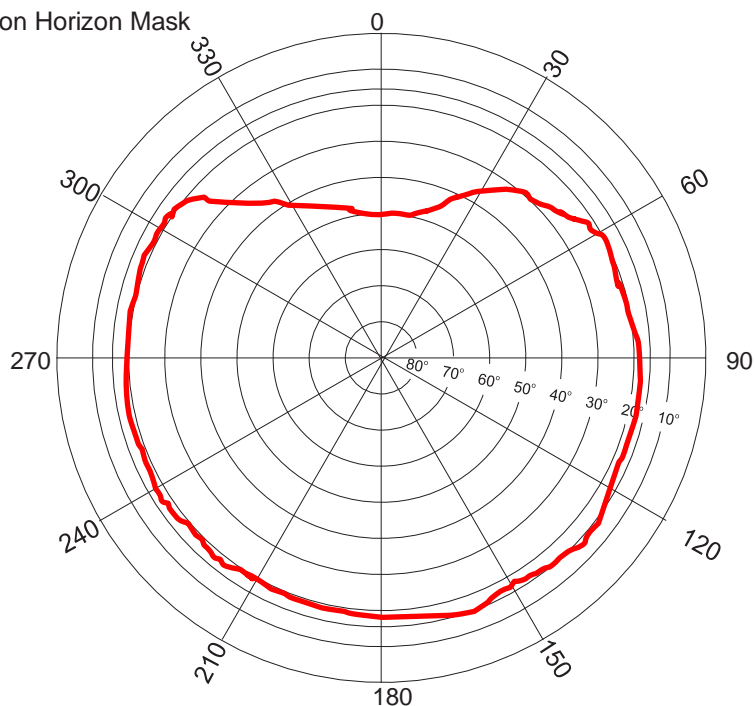
 <p>Bottom</p>	 <p>North</p>	 <p>East</p>
 <p>Up</p>	 <p>South</p>	 <p>West</p>

SITE INFORMATION

Station Number

P S M 5 2 7 7

Station Horizon Mask

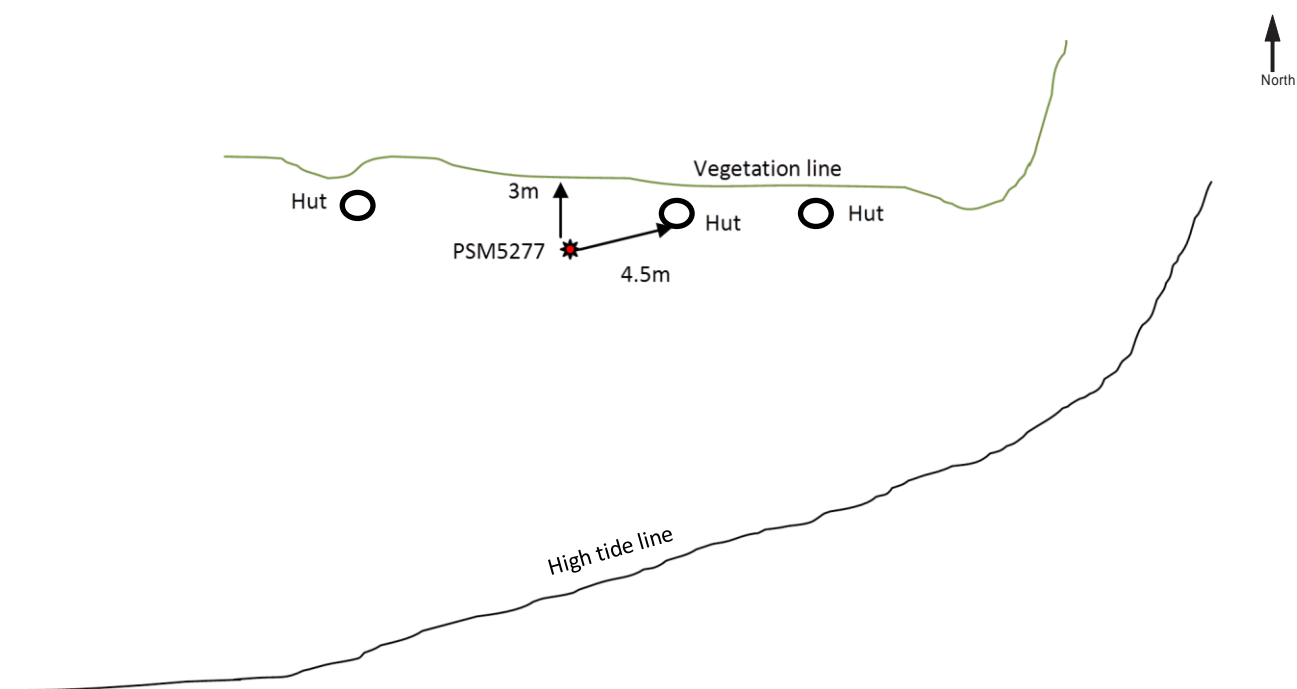


Height above Marker that horizon was mapped from 1.554 m

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



Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 09/05/2012

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CONTROL POINT DETAILS		Station Number 5278
Coordinate Information		
Geodetic		Grid
WGS 84		UTM Zone 43
Lat: 3°00'06.86501"N		E: 277666.4749m
Long: 72°59'58.64855"E		N: 332007.2775m
Ellp Height: -89.464m		Orth Height: 0.7561m
Island Name: Dh. Meedhuffushi		Date: 09 th May 2012

Monument description & method of survey:

PSM type: PSM type A (finish level approx 150mm above ground; additional 2ftx2ft footing provided for additional 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 6hrs 02min of data was collected for the line PSM5277-5278, 3hrs 01 min for the line PSM5277-5279 and 3hrs 27min for the line PSM5278-5279. Correction and adjustment are made using Topcon Tools software. MSL of the PSM is established by transferring level from PSM5277 as part of level run.

General site condition & access:

The PSM 5278 is at the southern side of the island. The PSM is accessible via the beach of the island. The PSM 5278 is in line of sight to PSM 5277 located north east of PSM 5278. Since the area is used by guest for recreational activities a removal fence is installed around the PSM. Obstruction is observed at the southern side (single coconut palm) at 40° angle; while at the northern side 30° angle.

Owner: Villu reef Beach and Spa. The resort management takes full responsibility for safeguarding the PSM.



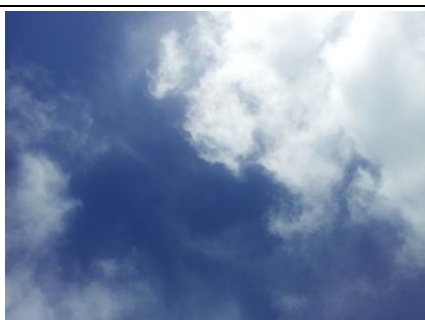
Bottom



North



East



Up



South



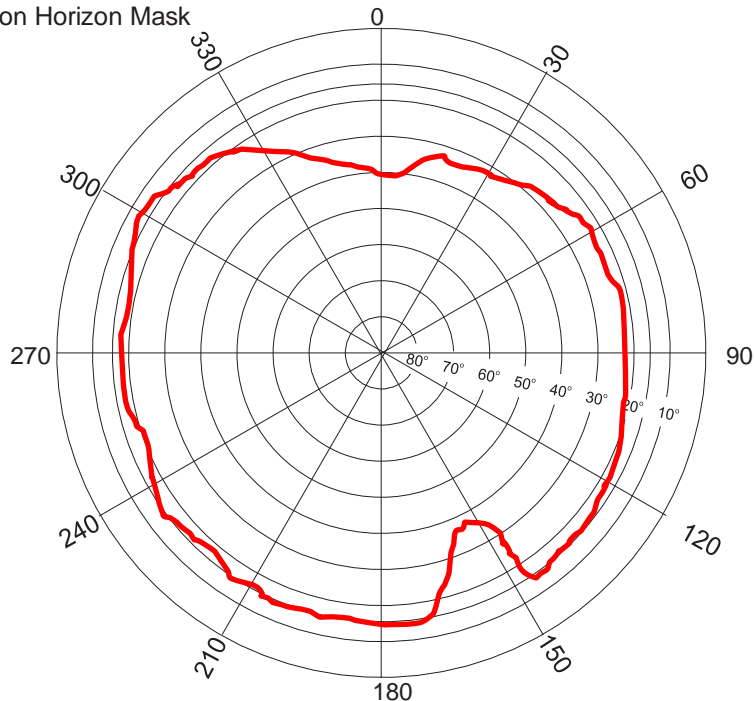
West

SITE INFORMATION

Station Number

P S M 5 2 7 8

Station Horizon Mask

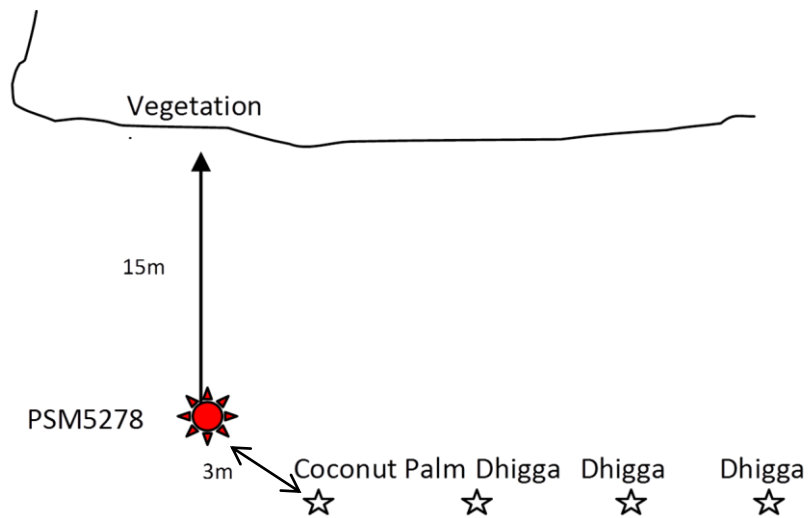


Height above Marker that horizon was mapped from 2.157 m

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



Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 09/05/2012

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CONTROL POINT DETAILS		Station Number 5279
Coordinate Information		
Geodetic		Grid
WGS 84		UTM Zone 43
Lat: 3°00'18.50415"N		E: 277913.8142m
Long: 73°00'06.63542"E		N: 332364.4082m
Ellp Height: -89.383m		Orth Height: 0.8483m
Island Name: Dh. Meedhuffushi		Date: 09 th May 2012

Monument description & method of survey:

PSM type: PSM type A (finish level approx 150mm above ground level; 2ftx2ft footing provided for additional 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 6hrs 02min of data was collected for the line PSM5277-5278, 3hrs 01 min for the line PSM5277-5279 and 3hrs 27min for the line PSM5278-5279. Correction and adjustment are made using Topcon Tools software. MSL of the PSM is established by transferring level from PSM5278 as part of level run.

General site condition & access:

The PSM 5279 is at the northern side of the island close the breakwater structures. The PSM is accessible via the beach of the island. Since the area is used by guest for recreational activities a removal fence is installed around the PSM. Since the PSM is located at the beach process at north eastern side; no sky view obstruction is observed.

Owner: Villu reef Beach and Spa. The resort management takes full responsibility for safeguarding the PSM.

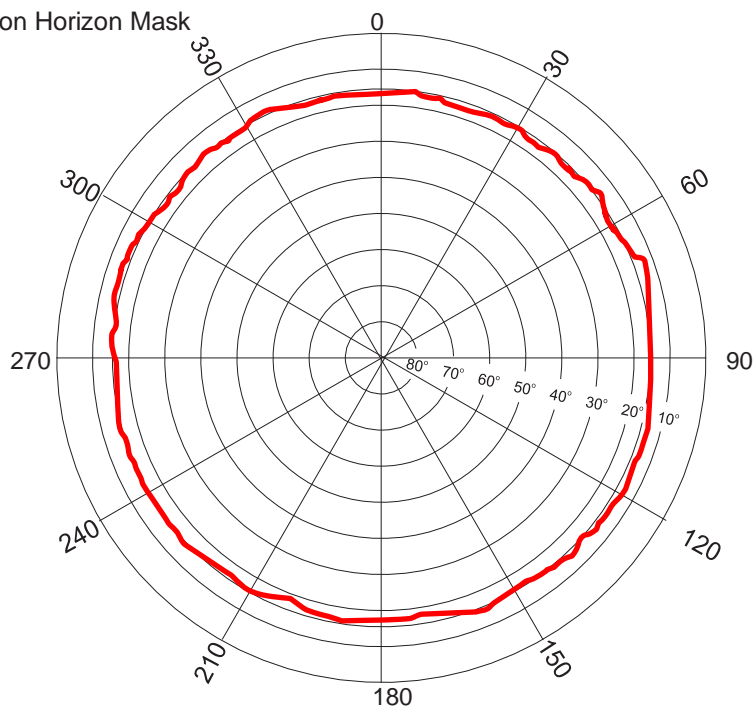
		
Bottom	North	East
		
Up	South	West

SITE INFORMATION

Station Number

P S M 5 2 7 9

Station Horizon Mask

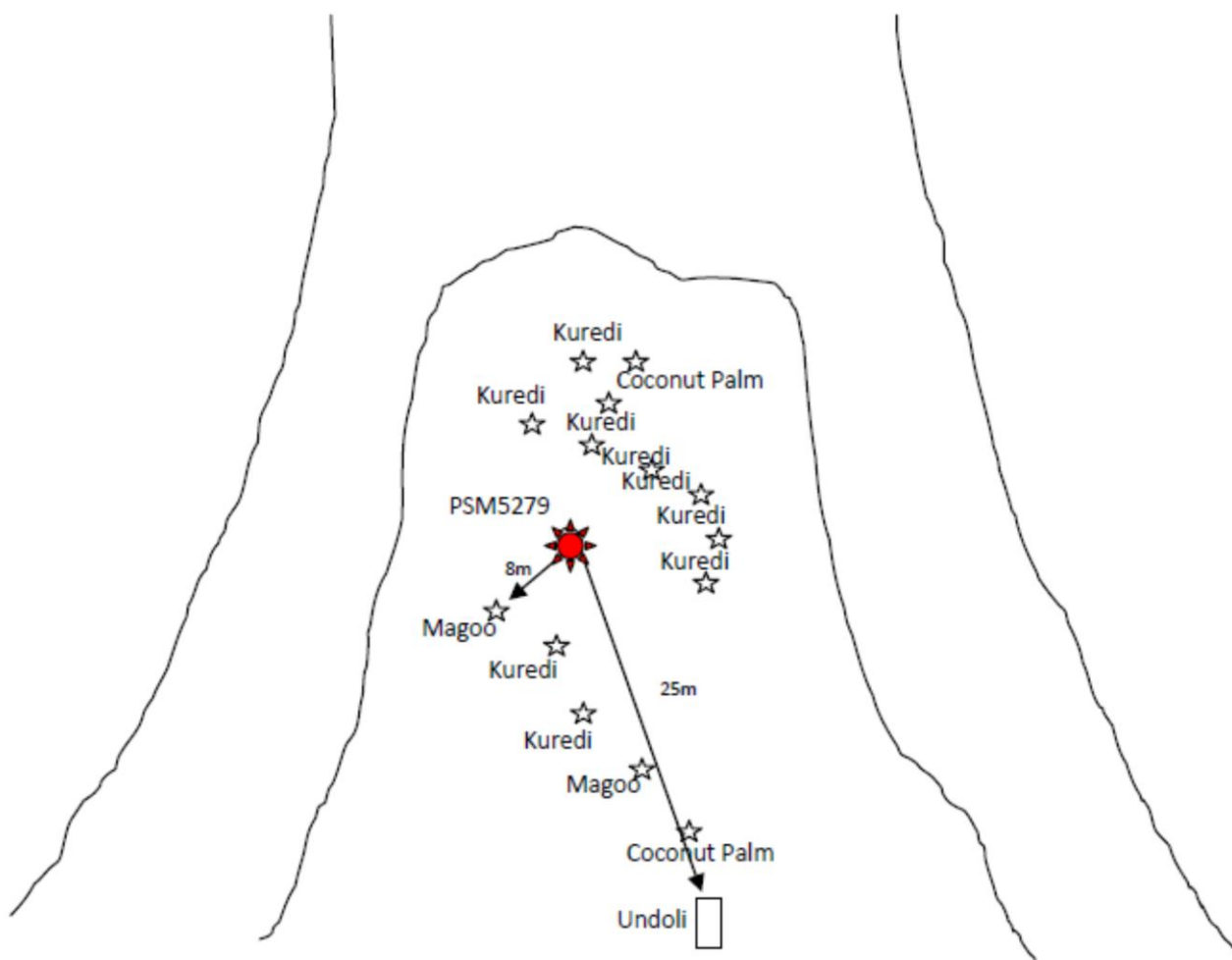


Height above Marker that horizon was mapped from 2.157 m

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



Locality



Sketched by: Ihsaan Waheed

Scale: Not to scale

Date: 09/05/2012