MaldivesLandandSurveyAuthority,
MINISTRYOFHOUSINGANDINFRASTRUCTURE
AmeeneeMagu, 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

CONTROLPOINT DETAILS	Station Number PSM 5502
CoordinateInformation	
Geodetic	Grid
WGS 84	UTM Zone43 N
Lat: 0°41'14.88979"S	E: 293918.713m
Long: 73°08'53.48990"E	N: -76026.028m
Ellp Height: -90.699	Orth Height: 1.893m

Hotel Name: Equator Village; Gan, Addu City	Date: 09th June 2012

Monument description & method of survey:

PSM type: PSM type A (finish level approx. 150mm above ground level), addition 2ftx2ft footing provided for extra support

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM were set at site and data collected for the triangle (Δ5502:5503:5504). Afterwards the existing Control point GAN B4 was tied to the three PSM. Approximately 6hrs 15min of data collected for line PSM 5502-5503, 02hrs 12min for line PSM5502-5504, 01hrs 56mins for the line PSM5503-PSM5504, 4hrs 9min for line PSM 5502-GAN BM4, 3hrs 13min for line PSM 5503-GAN BM4 and 1hrs 47min for line PSM 5504-GAN BM4. Correction and adjustment are made using Topcon Tools software. The GAN BM4 was used as the control point for both Horizontal and Vertical control. MSL established by transferring water level (09/06/2012 14:23) and reducing to MSL using Gan predicted tide data set.

General site condition & access:

The PSM 5502 is located southern side of the site and it is closer to the staff volley court. The PSM5502 in line of sight to PSM 5503; located at south east side of existing volley court approximately 14m northeast of PSM5502. The PSM can be accessible from the main beach road of resort. Sky view is clear of obstruction apart from north, north east (obstructing at 30° elevation angle).

Owner: The resort management takes full responsibility of safeguarding the PSM.

Bottom

North

East

Up

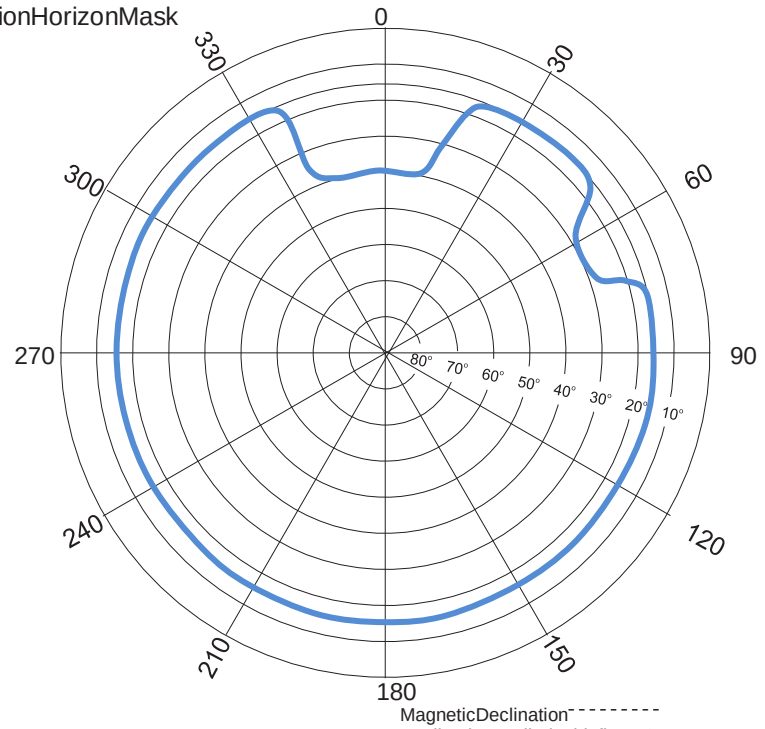
South

West

SITEINFORMATION

Station Number: PSM 5502

StationHorizonMask



Height above Marker that horizon was mapped from 1.688 m

MagneticDeclination

Declinationappliedtothisfigure?

☐ Yes ☑ No

TN
MN
3°

Locality

Sketched by: Usman Mohamed

Scale: Not to scale

Date: 09th June 2012

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CONTROLPOINT DETAILS	Station Number PSM 5503
CoordinateInformation	
Geodetic	Grid
WGS 84	UTM Zone43 N
Lat: 0°41'15.84314"S	E: 293894.102m
Long: 73°08'52.69364"E	N: -76055.324m
Ellp Height: -90.983	Orth Height:1.610m

Hotel Name: Equator Village; Gan, Addu City	Date: 09th June 2012

Monument description & method of survey:

PSM type: PSM type A (finish level approx. 150mm above ground level), addition 2ftx2ft footing provided for extra support

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM were set at site and data collected for the triangle (Δ5502:5503:5504). Afterwards the existing Control point GAN B4 was tied to the three PSM. Approximately 6hrs 15min of data collected for line PSM 5502-5503, 02hrs 12min for line PSM5502-5504, 01hrs 56mins for the line PSM5503-PSM5504, 4hrs 9min for line PSM 5502-GAN BM4, 3hrs 13min for line PSM 5503-GAN BM4 and 1hrs 47min for line PSM 5504-GAN BM4. Correction and adjustment are made using Topcon Tools software. The GAN BM4 was used as the control point for both Horizontal and Vertical control. MSL established by transferring level from PSM 5502 as part of level run.

General site condition & access:

The PSM 5503 is located south side of the site and it is closer to the Dive center and water sports store. The PSM5503 in line of sight to PSM 5502; located at east west of dive center approximately 12m south west of PSM5503. The PSM can be accessible from the main entrance road 2 in the resort. Sky view is clear of obstruction apart from northwest and southeast, (obstructing at 30° elevation angle).

Owner: The resort management takes full responsibility of safeguarding the PSM.

Bottom

North

East

Up

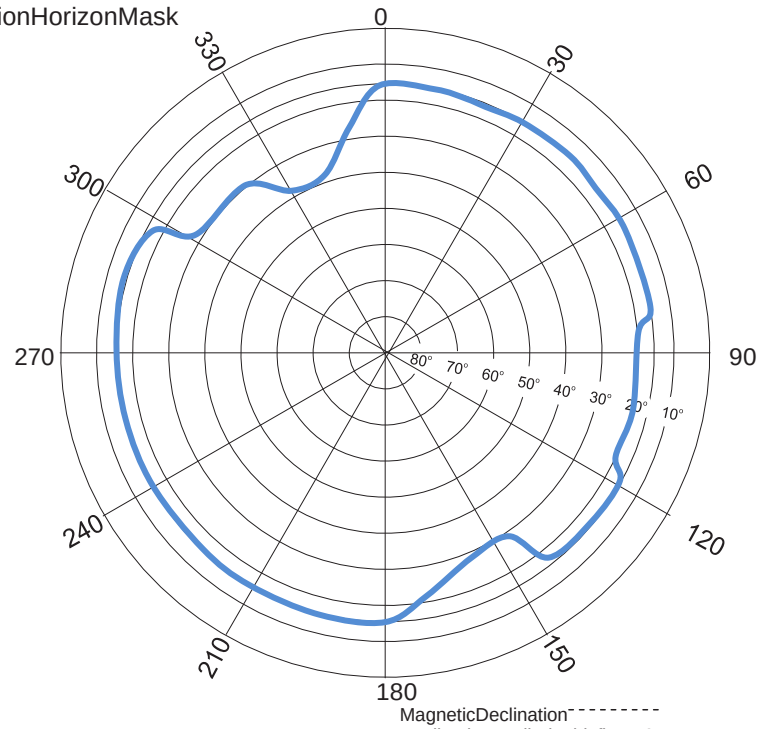
South

West

SITEINFORMATION

Station Number | P | S | M | 5 | 5 | 0 | 3 |

StationHorizonMask

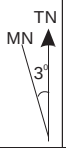


Height above Marker that horizon wasmappedfrom 1.688 m

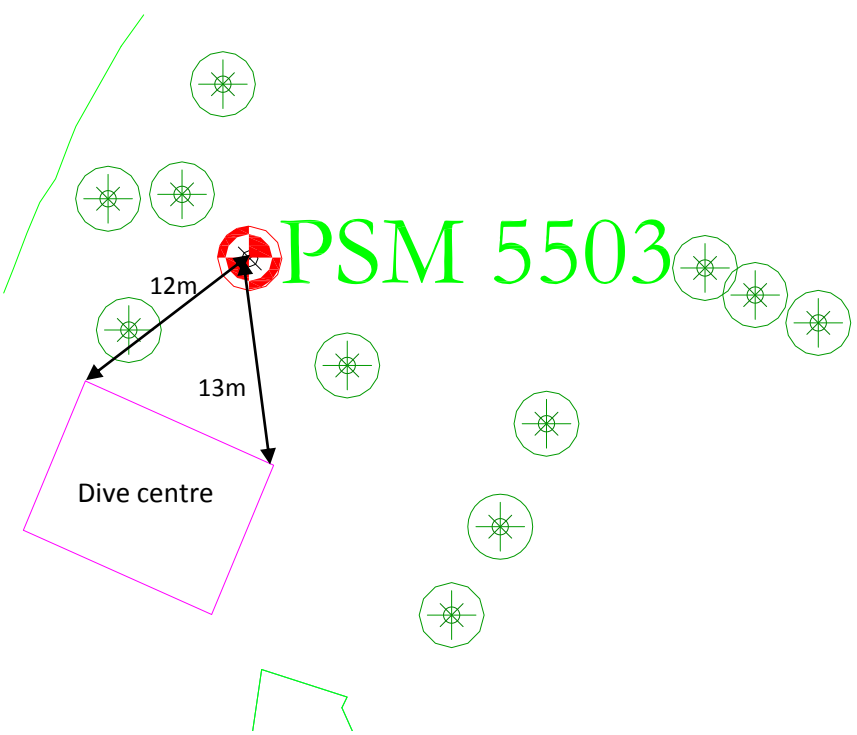
MagneticDeclination

Declinationappliedtothisfigure?

☐ Yes ☑ No



Locality



Sketched by: Usman Mohamed | Scale: Not to scale | Date:09th June 2012

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CONTROLPOINT DETAILS	Station Number PSM 5504
CoordinateInformation	
Geodetic	Grid
WGS 84	UTM Zone43 N
Lat: 0°41'11.92937"S	E: 293748.281m
Long: 73°08'47.97968"E	N: -75935.153m
Ellp Height:-90.359	Orth Height:2.236

Hotel Name: Equator Village; Gan, Addu City	Date: 09th June 2012

Monument description & method of survey:

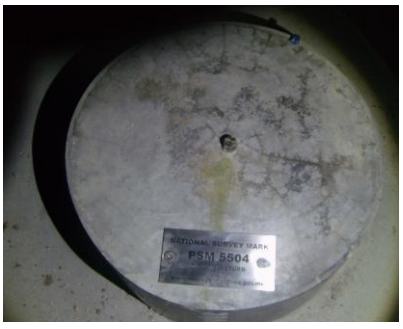
PSM type: PSM type A (finish level approx. 150mm above ground level), addition 2ftx2ft footing provided for extra support

PSM was established using Topcon HiperII DGPS system. Static survey method was used for establishing the horizontal coordinates. Three PSM were set at site and data collected for the triangle (Δ5502:5503:5504). Afterwards the existing Control point GAN B4 was tied to the three PSM. Approximately 6hrs 15min of data collected for line PSM 5502-5503, 02hrs 12min for line PSM5502-5504, 01hrs 56mins for the line PSM5503-PSM5504, 4hrs 9min for line PSM 5502-GAN BM4, 3hrs 13min for line PSM 5503-GAN BM4 and 1hrs 47min for line PSM 5504-GAN BM4. Correction and adjustment are made using Topcon Tools software. The GAN BM4 was used as the control point for both Horizontal and Vertical control. MSL established by transferring level from PSM 5503 as part of level run.

General site condition & access:

The PSM 5504 is located north side of the site and it is closer to the main pool and restaurant; located at east side of main restaurant approximately 17m east of PSM5504. PSM is located behind a low vegetation band next to timber walkway of swim pool. The PSM can be accessible from the pool area in the Hotel. Sky view is clear of obstruction apart from southeast, (obstructing at 30° elevation angle).

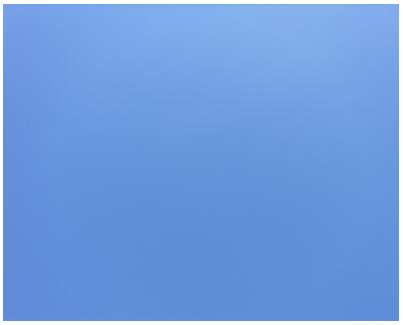
Owner: The resort management takes full responsibility of safeguarding the PSM.



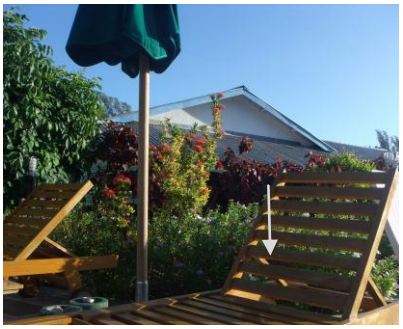
Bottom

North

East



Up



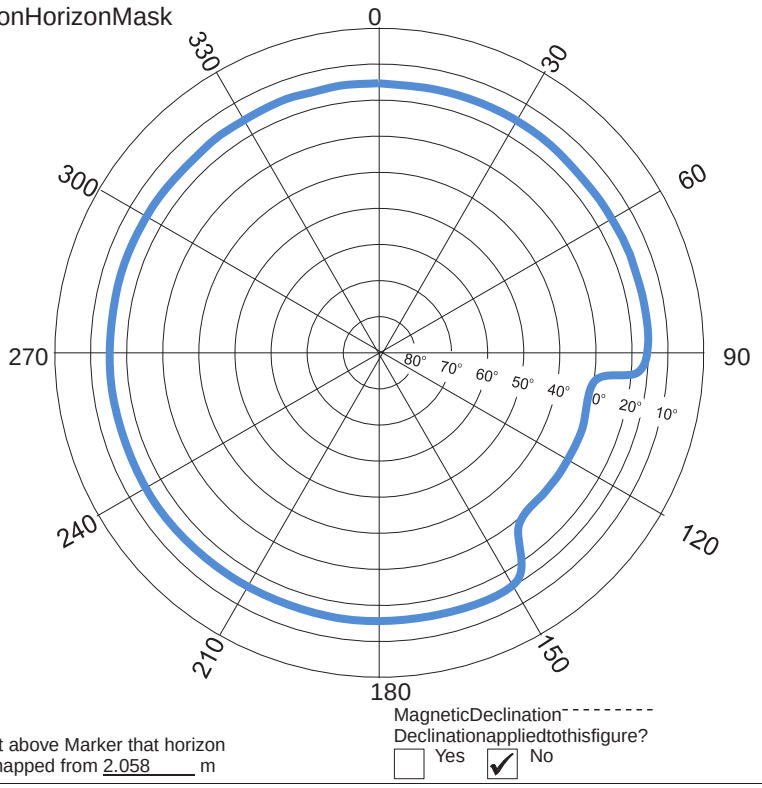
South

West

SITEINFORMATION

Station Number: P S M 5 5 0 4

StationHorizonMask



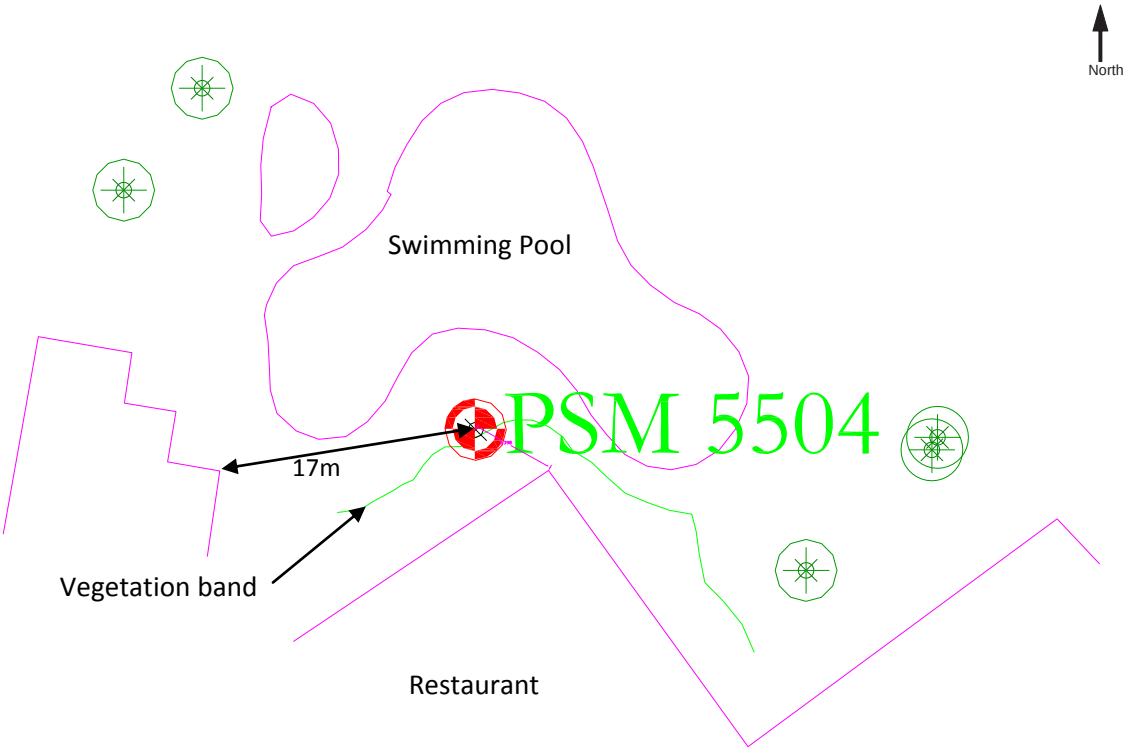
Height above Marker that horizon was mapped from 2.058 m

MagneticDeclination

DeclinationappliedtothisfigureYes ☐ No ☑

TN MN 3°

Locality



Sketched by: Usman Mohamed | Scale: Not to scale | Date:09th June 2012

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