

## SURVEY UNIT,

### MINISTRY OF HOUSING AND ENVIRONMENT

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

Office (PABX): +(960) 3004300, Fax: +(960) 3004301

Email: survey@mhe.gov.mv

Web: www.mhe.gov.mv



CONTROL POINT DETAILS	Station Number: PSM5163
Coordinate Information	
Geodetic	Grid
WGS 84	UTM Zone 43
Lat: 5° 11' 26.636152" N	E: 293223.916 m
Long: 73° 8' 4.132259" E	N: 574052.245 m
Ellp Height: -93.428 m	Orth Height: 0.850 m
Island: Kihaadhuffaru, Baa Atoll	Date: 9/1/2013

#### Monument description & method of survey:

The PSM is constructed as 10"x10" box with a depth of 1 metre filled with concrete. A half inch concrete rebar of 1.5m in length is driven in to the ground with a special survey cap install on the top to define the centre. The marker is 100mm below the ground level to protect it from getting disturbed and for safety reasons.

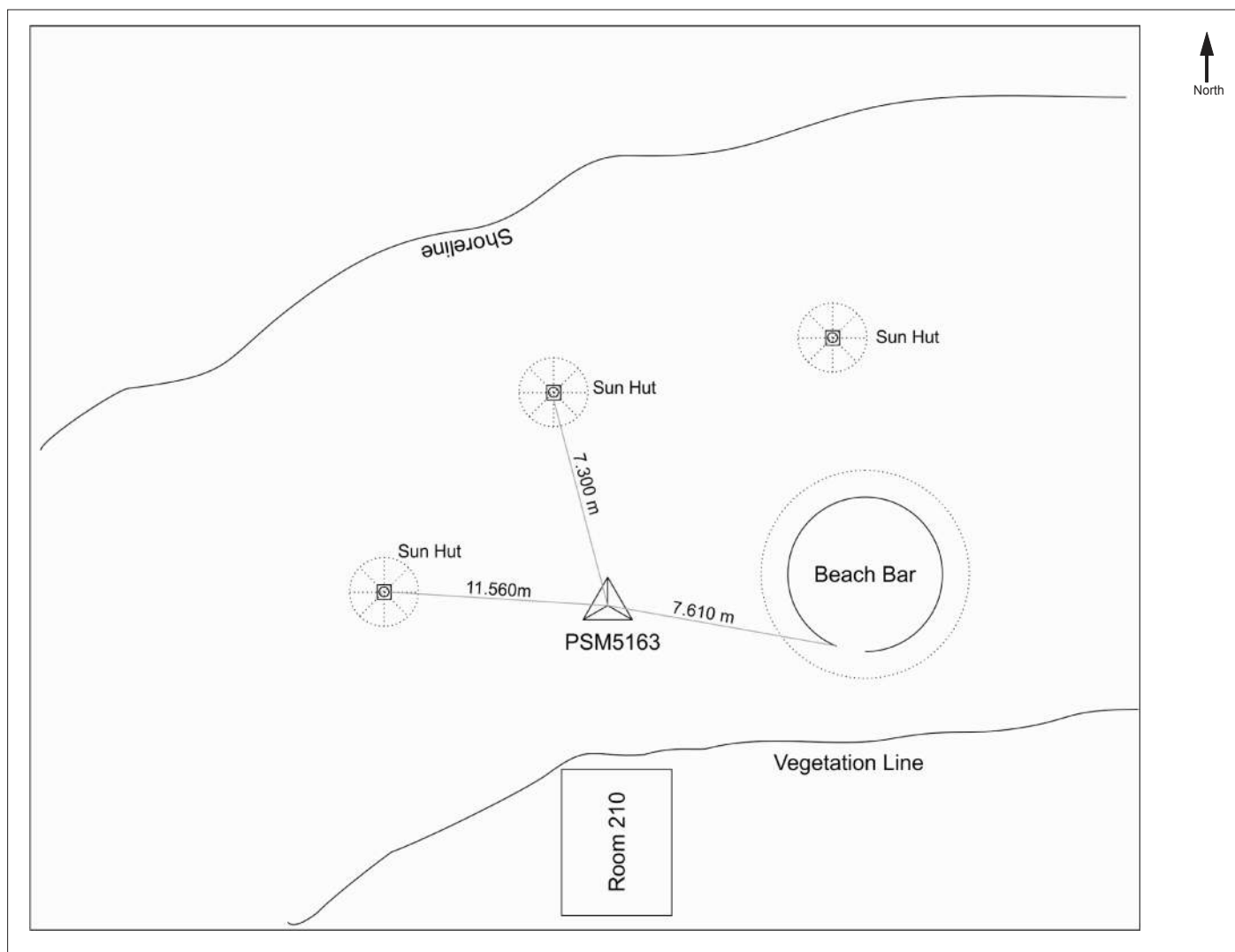
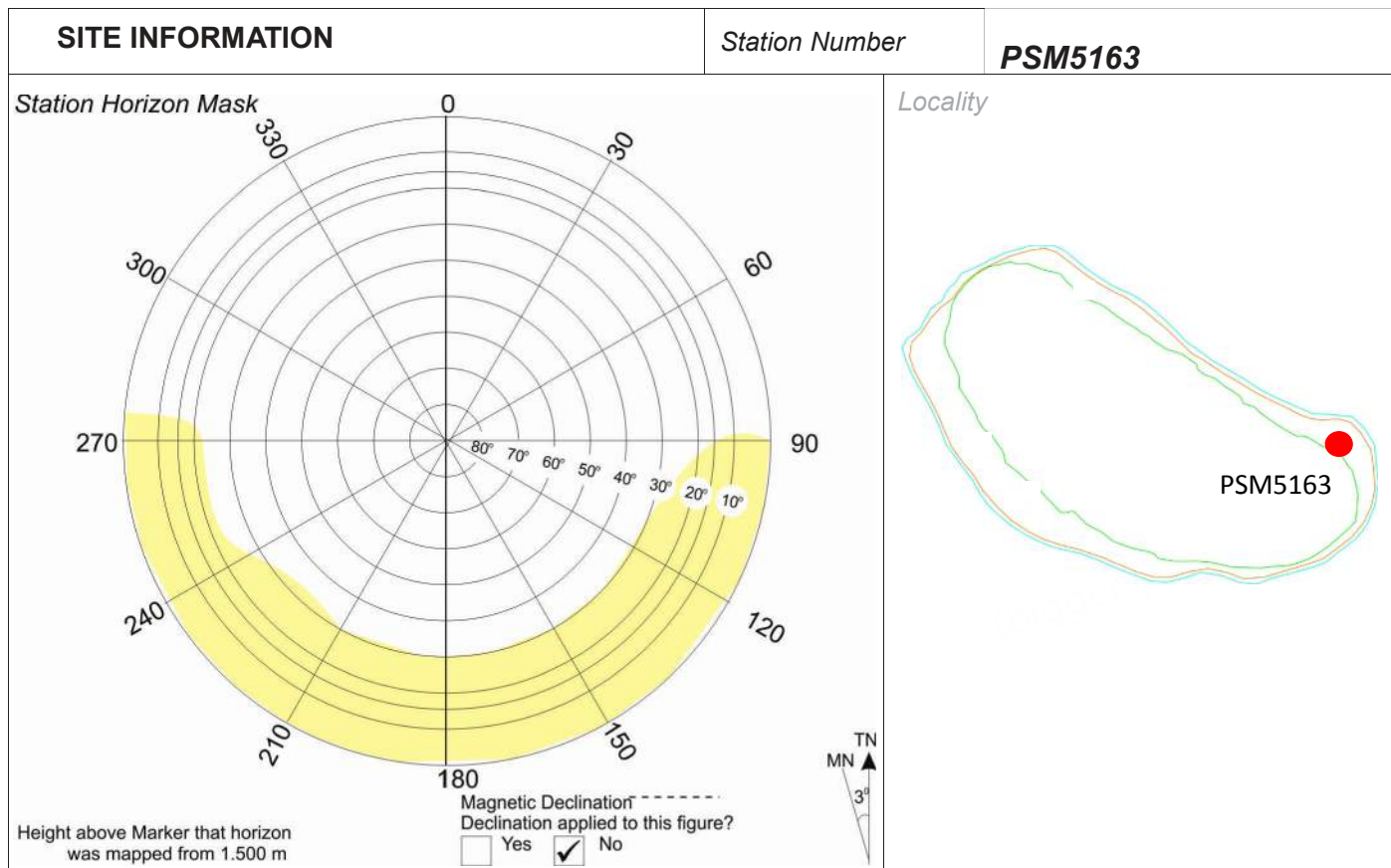
The PSM is positioned using static GNSS surveying method. As this is the datum point, more than 5 hours of GNSS observations was done. All other control points are surveyed in relative to this point.

#### General site condition & access:

PSM5163 and CP01 are inter-visible stations. The PSM is located on the western side beach area near to the beach bar..

Owner: HM Lulu Pvt Ltd





Sketched by: Faruhath Jameel

Scale: Not to scale

Date: 9/1/2013

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#### CONTROL POINT DETAILS

Station Number: PSM5164

#### Coordinate Information

Geodetic	Grid
WGS 84	UTM Zone 43
Lat: 5° 11' 24.863321" N	E: 292864.509 m
Long: 73° 7' 52.468444" E	N: 573998.840 m
Ellp Height: -93.282 m	Orth Height: 0.996 m
Island: Kihaadhuffaru, Baa Atoll	Date: 9/1/2013

#### Monument description & method of survey:

The PSM is constructed as 10"x10" box with a depth of 1 metre filled with concrete. A half inch concrete rebar of 1.5m in length is driven in to the ground with a special survey cap install on the top to define the centre. The marker is 100mm below the ground level to protect it from getting disturbed and for safety reasons.

The PSM is positioned using static GNSS surveying method in relative to PSM5163

#### General site condition & access:

PSM5164 and PSM5165 are inter-visible stations. The PSM is located in the beach area in between the main arrival jetty and the restaurant.

Owner: HM Lulu Pvt Ltd



Bottom



North



East



Up

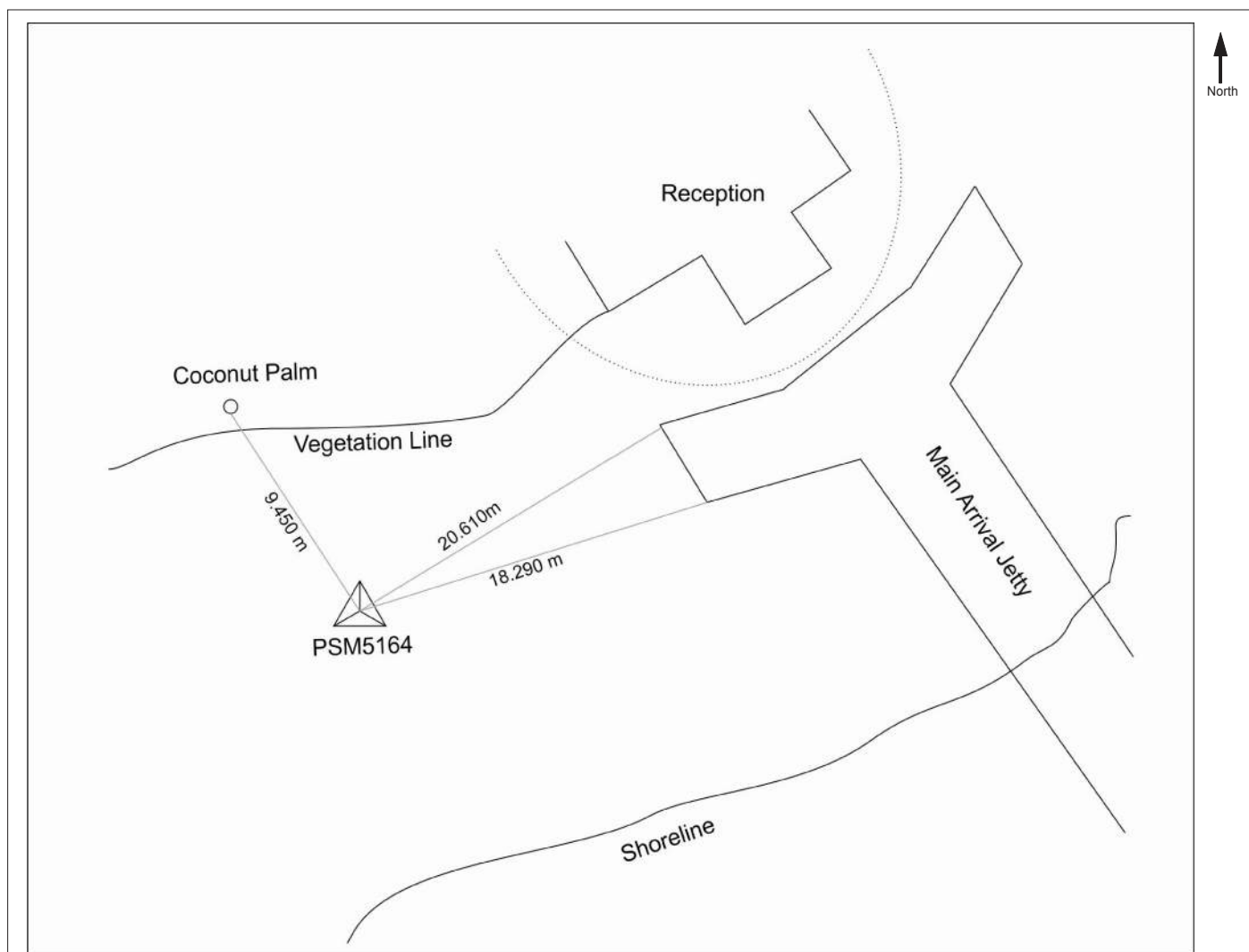
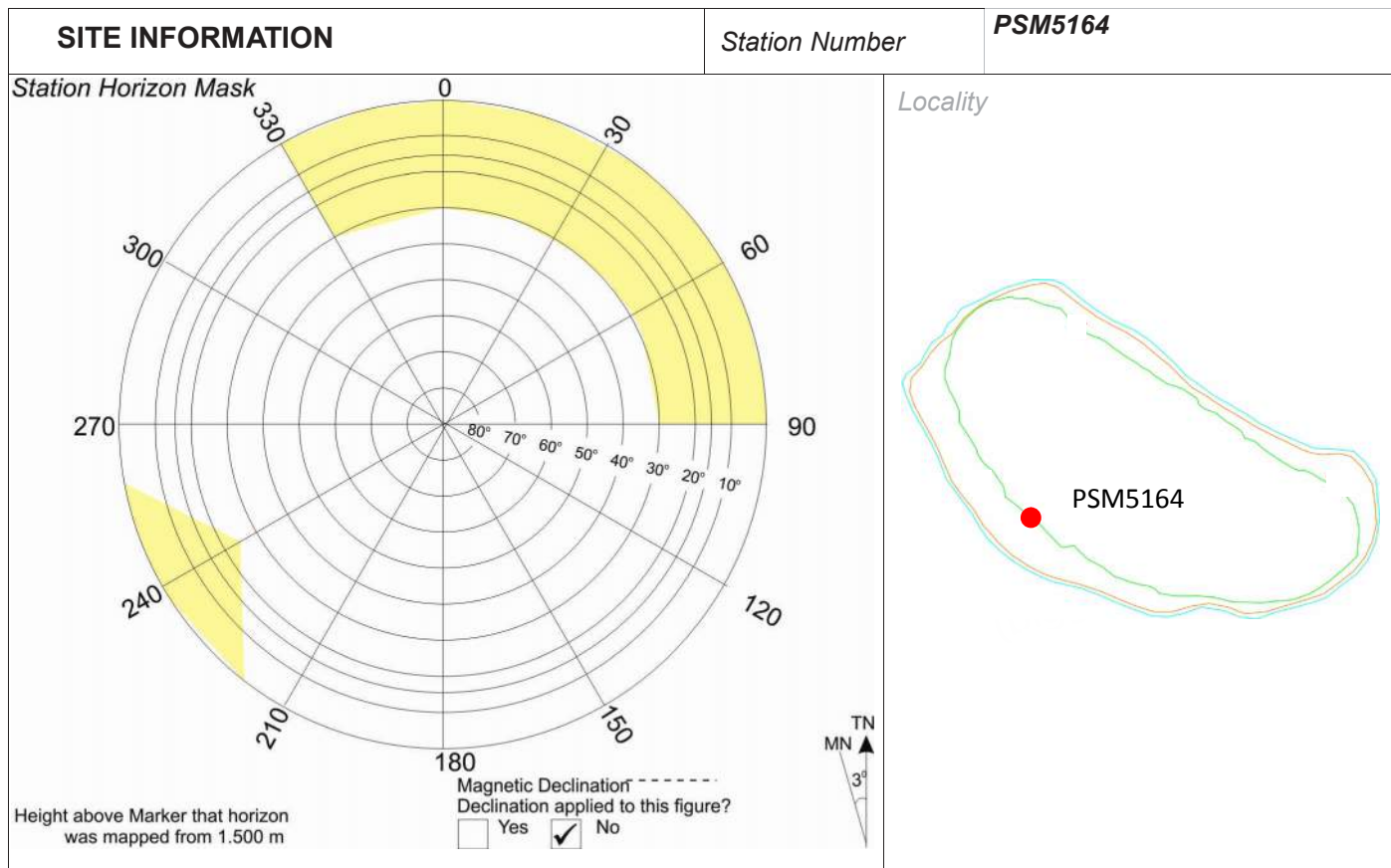


South



West





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#### CONTROL POINT DETAILS

Station Number: PSM5165

#### Coordinate Information

##### Geodetic

##### Grid

##### WGS 84

##### UTM Zone 43

Lat: 5° 11' 26.555856" N

E: 292812.495 m

Long: 73° 7' 50.774682" E

N: 574050.992 m

Ellp Height: -93.231 m

Orth Height: 1.047 m

Island: Kihaadhuffaru, Baa Atoll

Date: 9/1/2013

#### Monument description & method of survey:

The PSM is constructed as 10"x10" box with a depth of 1 metre filled with concrete. A half inch concrete rebar of 1.5m length is driven in to the ground with a special survey cap install on the top to define the centre. The marker is 100mm below the ground level to protect it from getting disturbed and for safety reasons.

The PSM is positioned using static GNSS surveying method in relative to PSM5163

#### General site condition & access:

PSM5165 and PSM5164 are inter-visible stations. The PSM is located in beach area on the eastern side of the island and in front of room 302.

Owner: HM Lulu Pvt Ltd



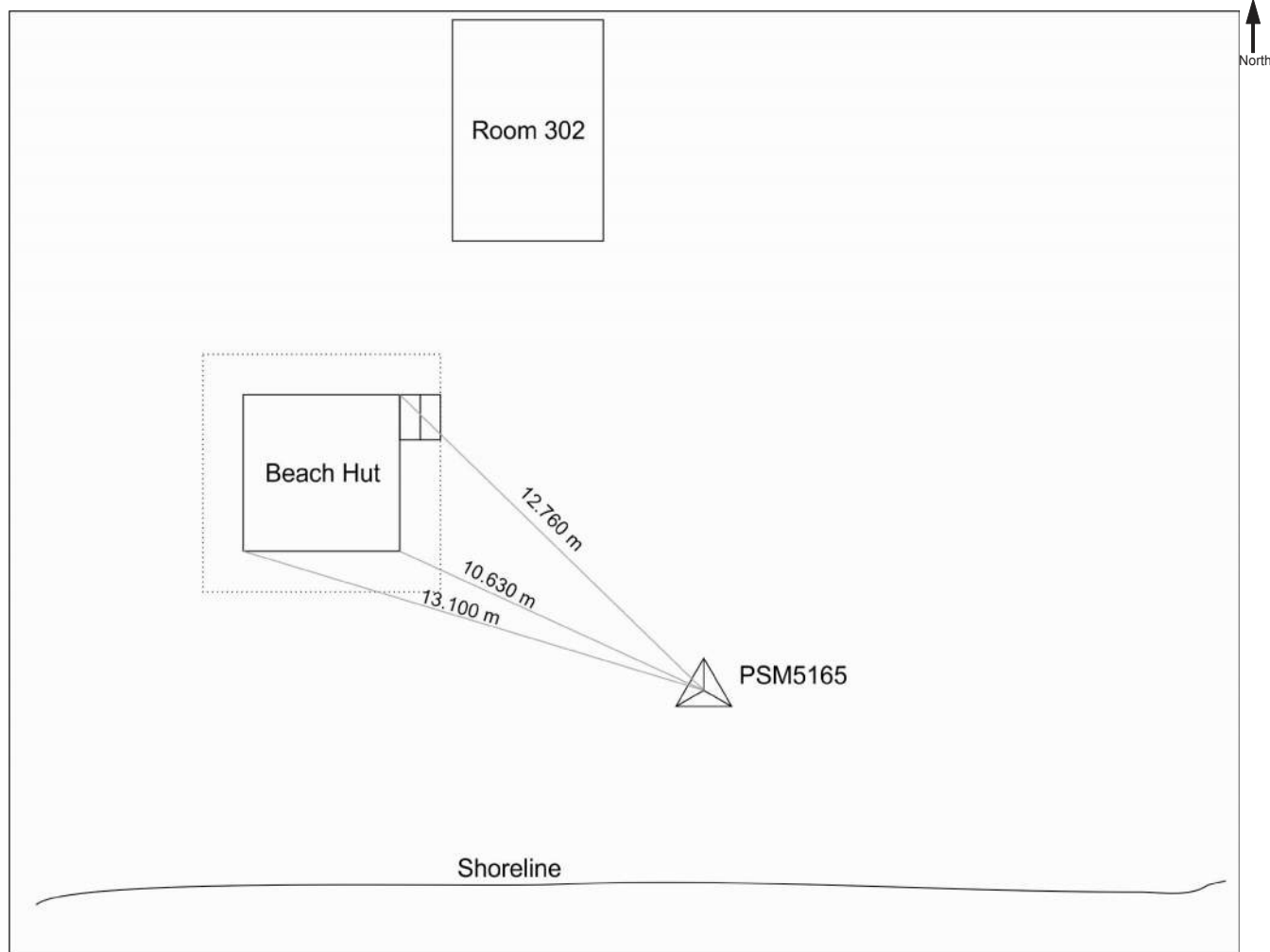
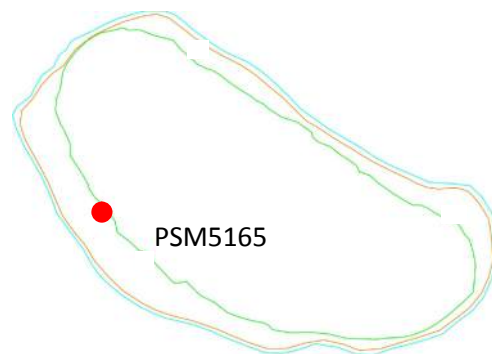
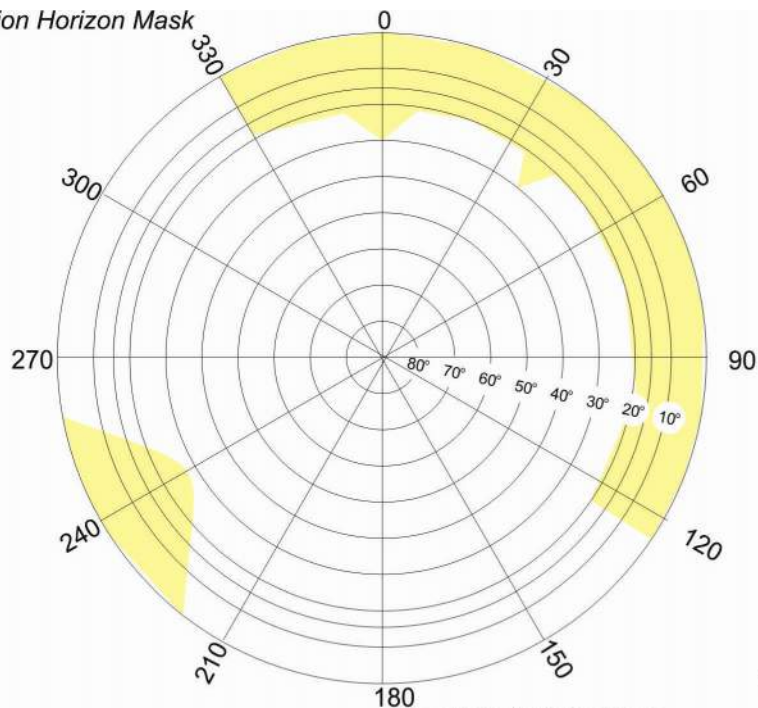
# SITE INFORMATION

Station Number

**PSM5165**

Station Horizon Mask

Locality



Sketched by: Faruhath Jameel

Scale: Not to scale

Date:9/1/2013

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CONTROL POINT DETAILS		Station Number: CP01
Coordinate Information		
Geodetic		Grid
WGS 84		UTM Zone 43
Lat: 5° 11' 32.554369" N		E: 292931.100 m
Long: 73° 7' 54.607819" E		N: 574234.926 m
Ellp Height: -93.131 m		Orth Height: 1.147
Island: Kihaadhuffaru, Baa Atoll		Date: 9/1/2013

#### Monument description & method of survey:

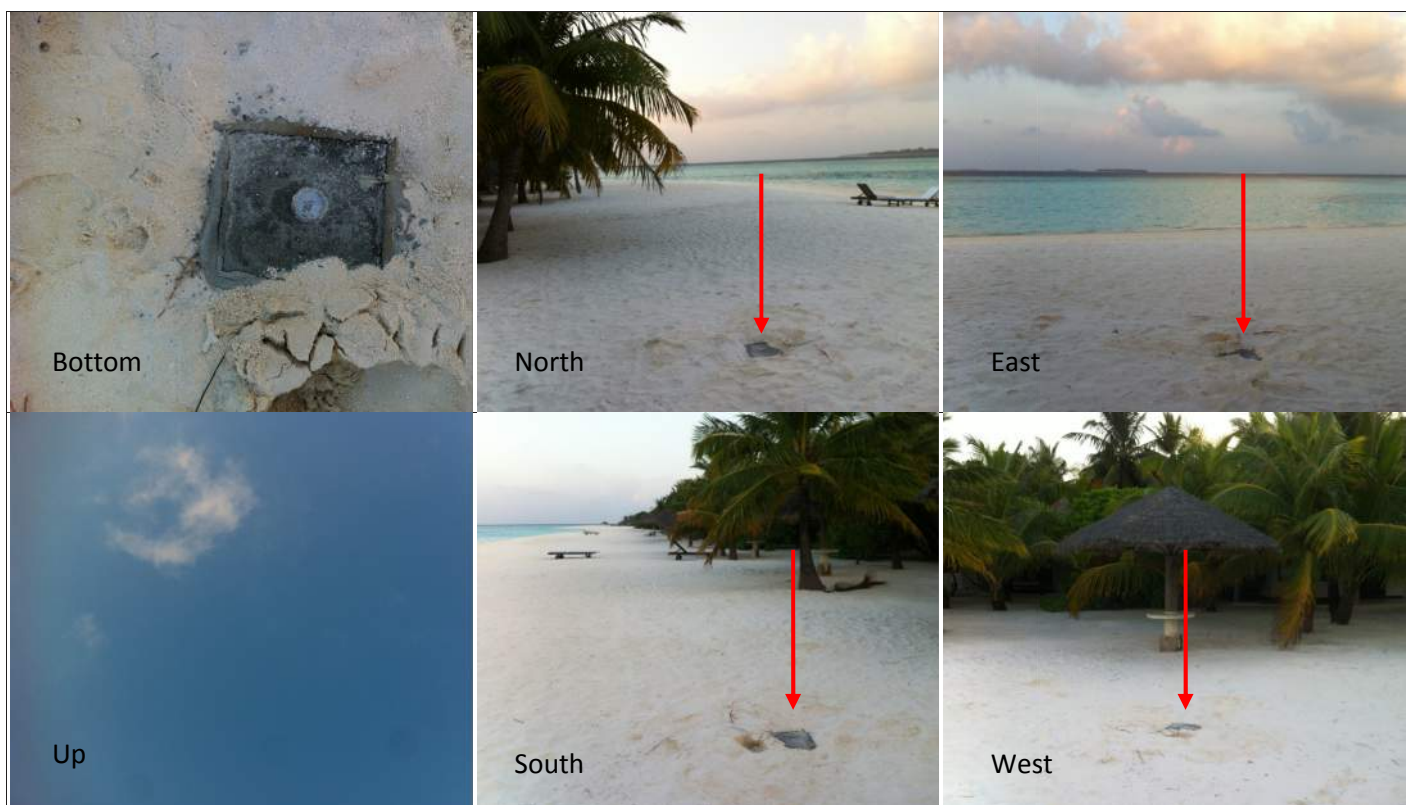
The PSM is constructed as 10"x10" box with a depth of 1 metre filled with concrete. A half inch concrete rebar of 1.5m length is driven in to the ground with a special survey cap install on the top to define the centre. The marker is 100mm below the ground level to protect it from getting disturbed and for safety reasons.

The PSM is positioned using static GNSS surveying method in relative to PSM5163

#### General site condition & access:

PSM5163 and CP01 are inter-visible stations. The PSM is located in beach area on the south side of the island and in front of room 258

Owner: HM Lulu Pvt Ltd

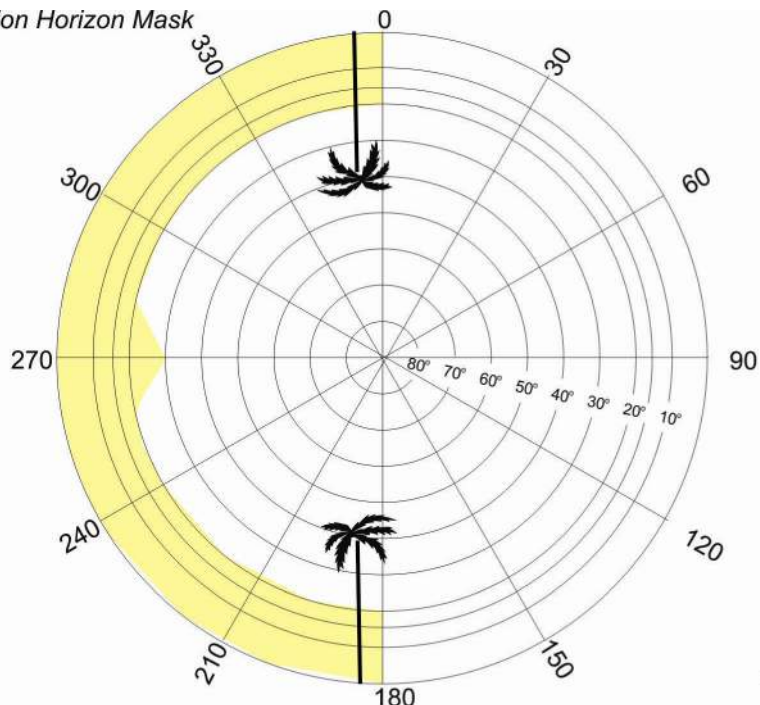


# SITE INFORMATION

Station Number

CP01

Station Horizon Mask

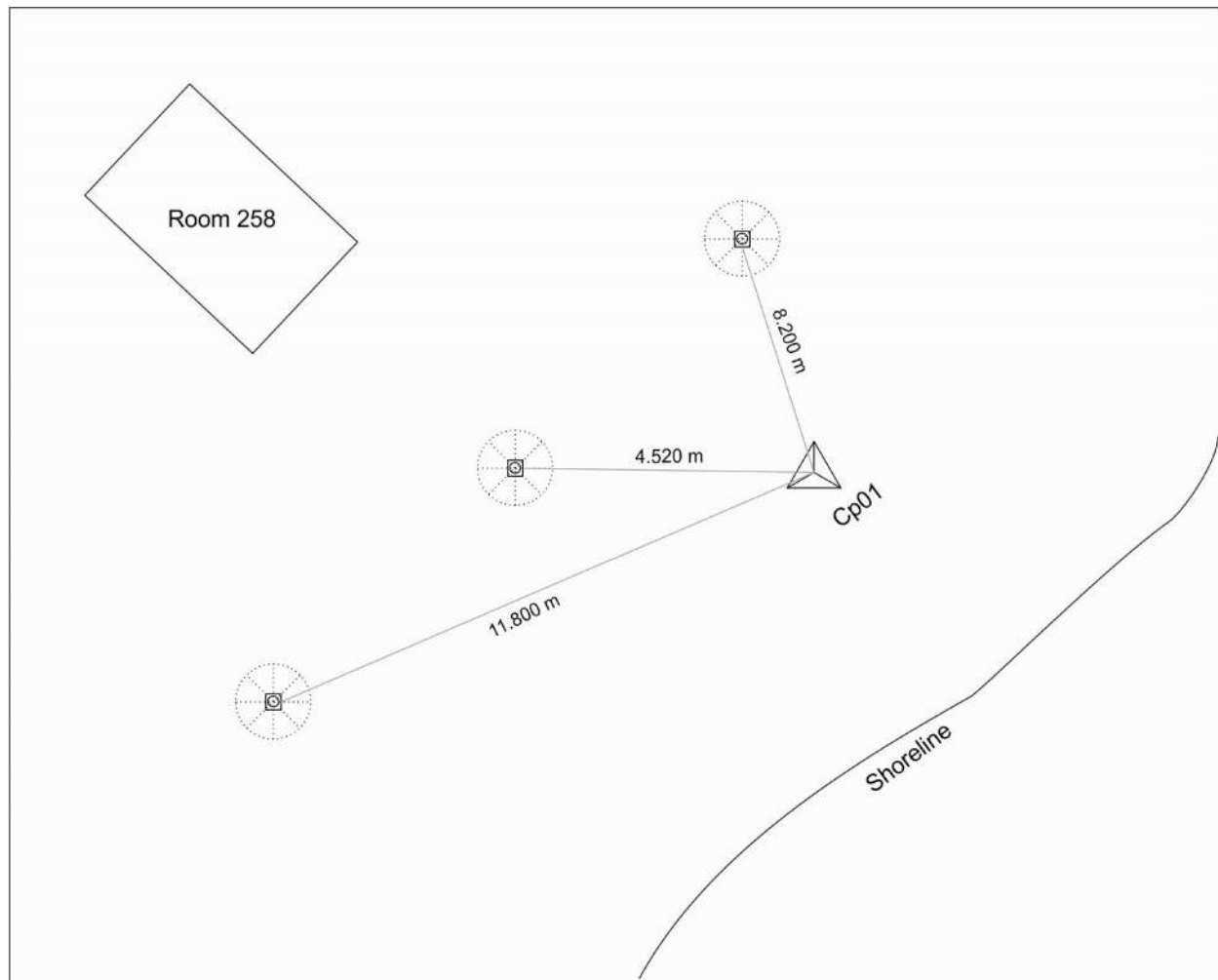
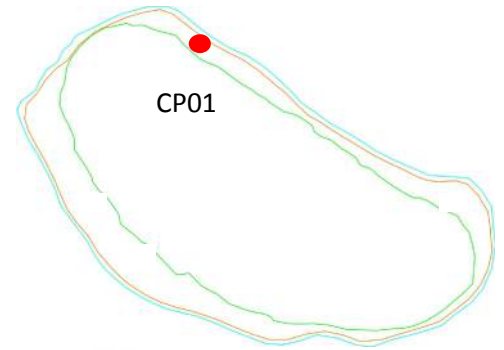


Height above Marker that horizon was mapped from 1.500 m

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



Locality



Sketched by: Faruhath Jameel

Scale: Not to scale

Date:9/1/2013