

# MALDIVES LAND AND SURVEY AUTHORITY

MINISTRY OF HOUSING AND INFRASTRUCTURE

Office (PABX): +(960) 3004300, Fax: +(960) 3004254

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

Email: survey@housing.gov.mv

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<b>CONTROL POINT DETAILS</b>	<b>Station Number</b> PSM0659
<b>Coordinate Information</b>	
<b>Geodetic</b>	<b>Grid</b>
<b>WGS 84</b>	<b>UTM Zone 43</b>
Lat: 6°20'07.72021"N	E: 276004.153
Long: 72°58'30.47982"E	N: 700726.157
Ellp Height: -94.764	Orth Height: 1.449
<b>Island Name:</b> Sh.Bileiyfahi (LD1064)	<b>Date:</b> 9-Jun-24

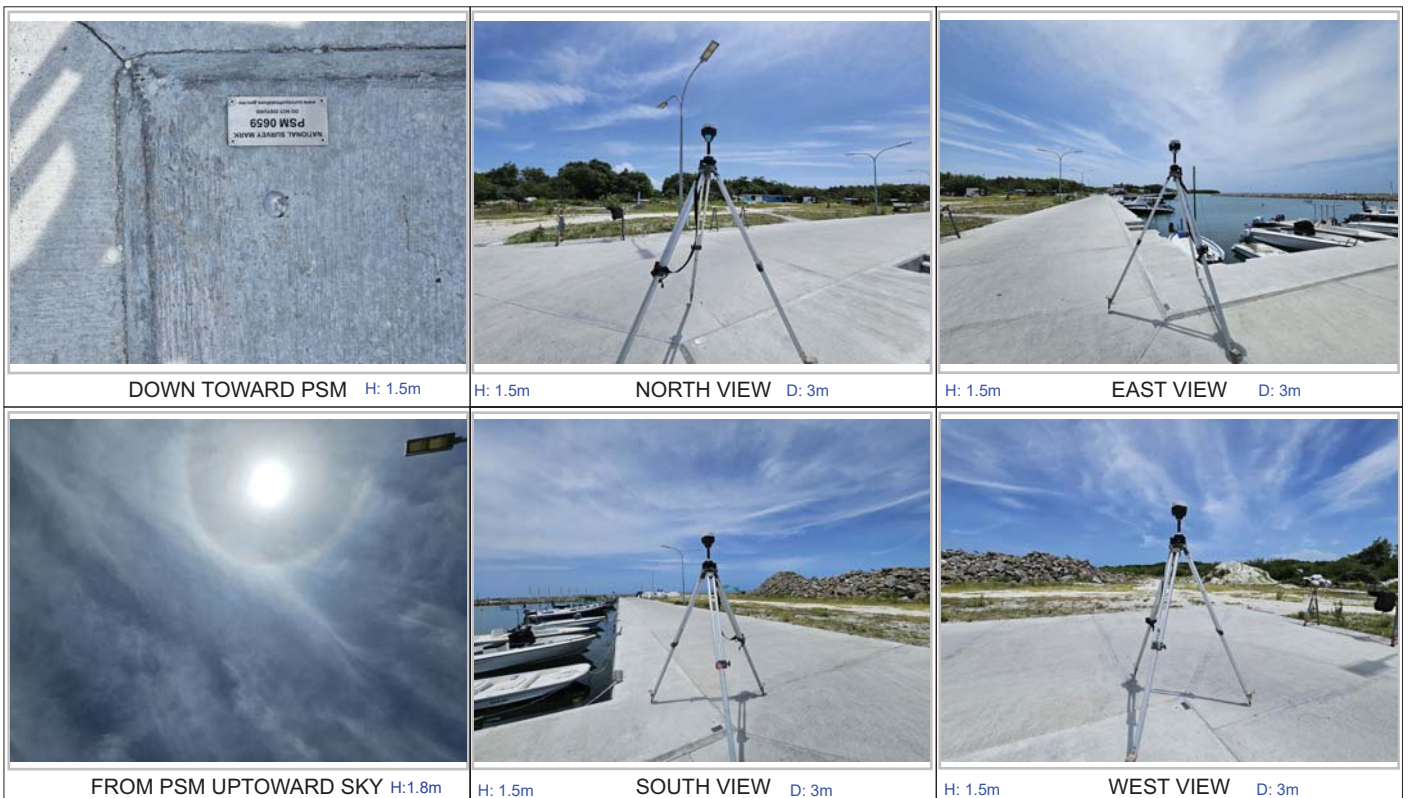
### Monument description & method of survey:

- SS Mushroom bolt driven to the Quay wall corner , center marked with punch.
- PSM plate label attached with screws to the quay wall showing PSM number
- finished to quay wall level .
- Static Survey 3D control by GNSS post processing.
- The vertical elevation related MSL was transferred from PSM0660 by GNSS static post processing.
- PSM0659 is inter-visible to PSM0660.

### General site condition & access:

- located at west side of the harbour.
- Eaily accessible .

**Owner:** Bileiyfahi council



DOWN TOWARD PSM H: 1.5m

NORTH VIEW D: 3m

EAST VIEW D: 3m

FROM PSM UPTOWARD SKY H:1.8m

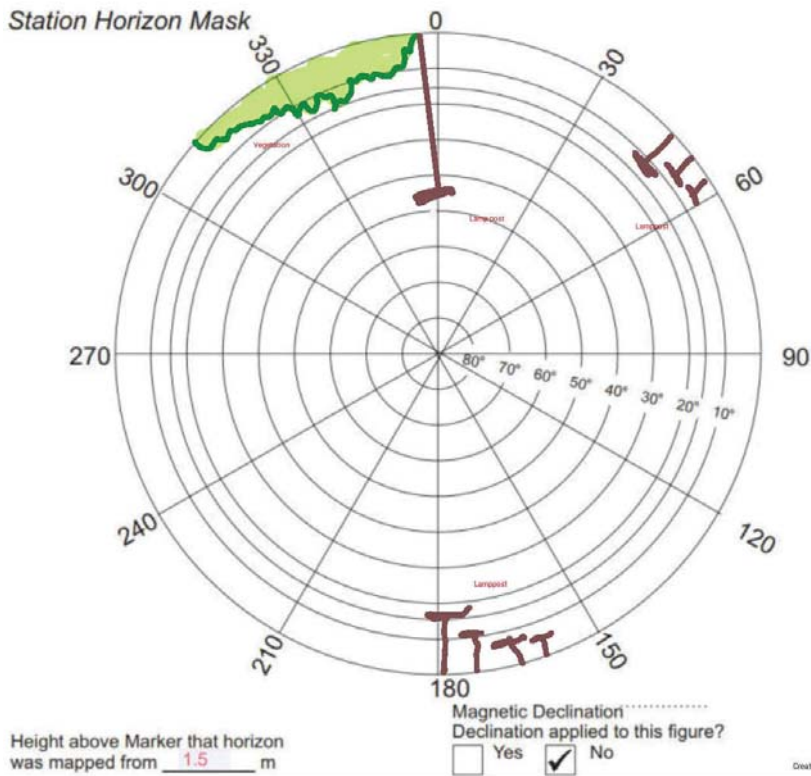
SOUTH VIEW D: 3m

WEST VIEW D: 3m

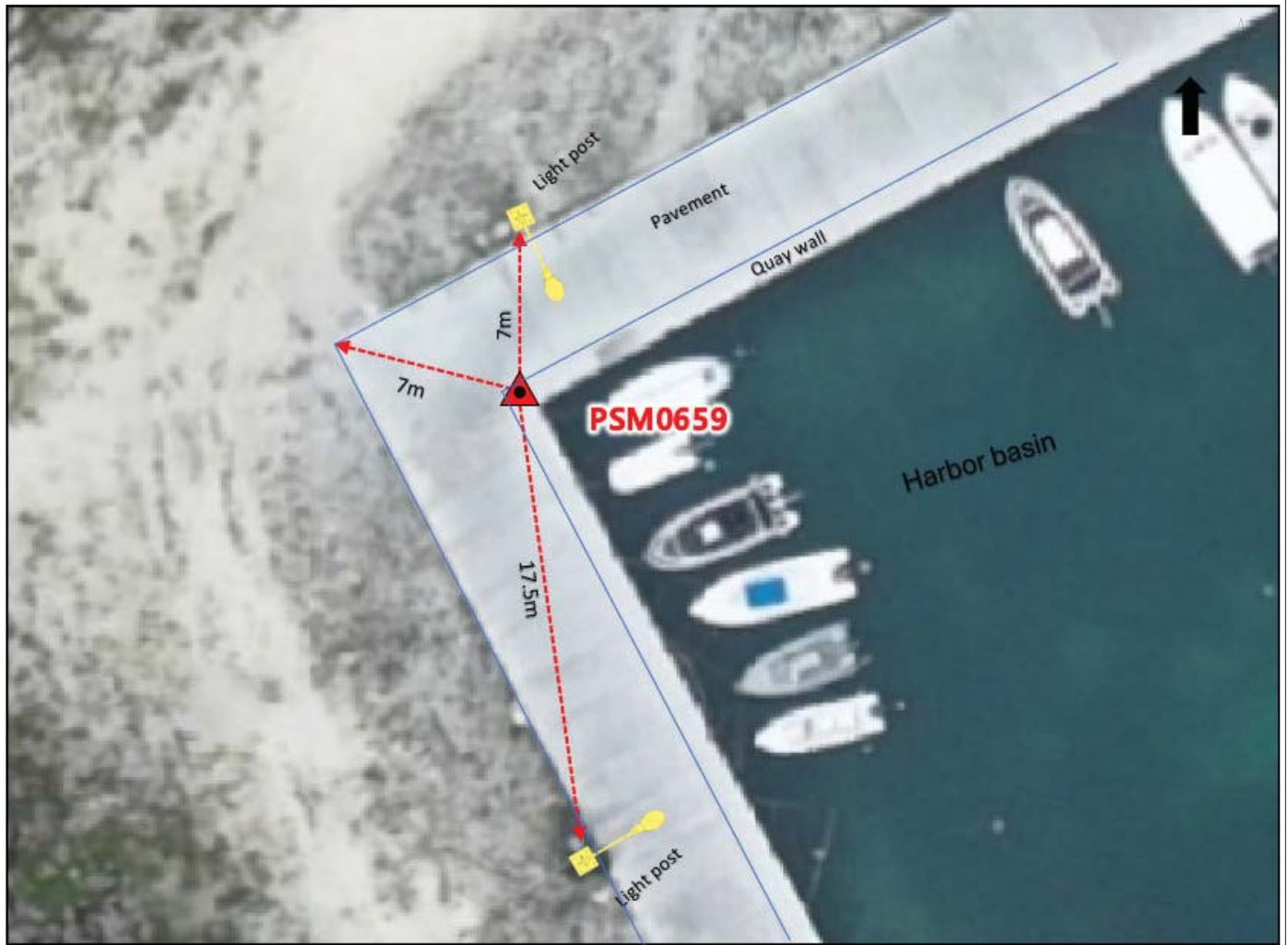
**SITE INFORMATION**

Station Number

P	S	M	0	6	5	9
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Locality



Sketched by: saeed

Scale: Not to scale

Date: 9-Jun-24

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<b>CONTROL POINT DETAILS</b>	<b>Station Number</b> PSM0660
<b>Coordinate Information</b>	
<b>Geodetic</b>	<b>Grid</b>
<b>WGS 84</b>	<b>UTM Zone 43</b>
Lat: 6°20'09.33501"N	E: 276193.460
Long: 72°58'36.63168"E	N: 700775.035
Ellp Height: -94.795	Orth Height: 1.413
<b>Island Name:</b> Sh.Bileiyfahi (LD1064)	<b>Date:</b> 9-Jun-24

### Monument description & method of survey:

- SS Mushroom bolt driven to the Quay wall corner , center marked with punch.
- PSM plate label attached with screws to the quay wall showing PSM number
- finished to quay wall level .
- Static Survey 3D control by GNSS post processing.
- The vertical height (elevation) of the monument was corrected using tide prediction data.
- PSM0659 is inter-visible to PSM0660.

### General site condition & access:

- located at east side of harbour at the end of quay wall.
- easily accessible.

**Owner:** Bileiyfahi council



DOWN TOWARD PSM h: 1.5m



NORTH VIEW D: 3m



EAST VIEW D: 3m



FROM PSM UPTOWARD SKY H:1.8m



SOUTH VIEW D: 3m



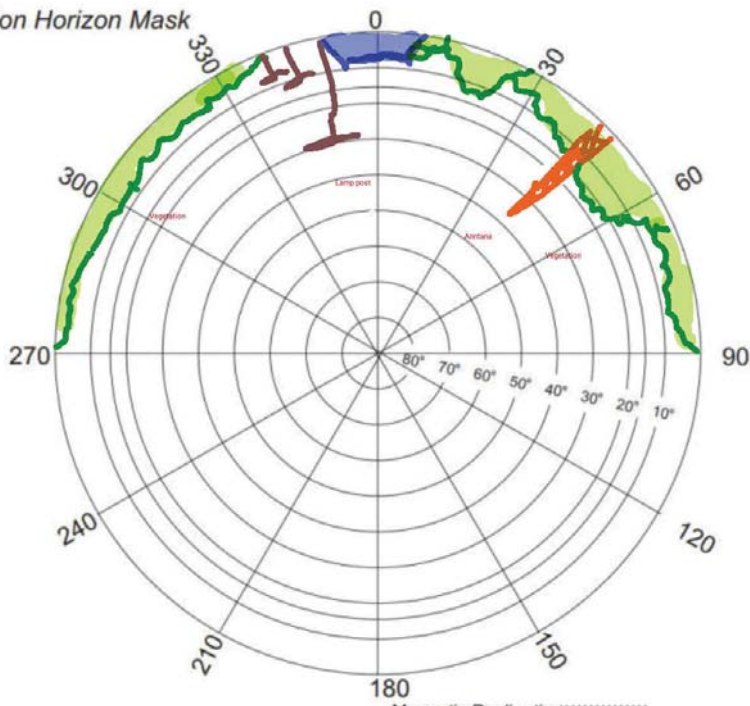
WEST VIEW D: 3m

**SITE INFORMATION**

Station Number

P	S	M	0	6	6	0
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Station Horizon Mask



Height above Marker that horizon was mapped from 1.5 m

Magnetic Declination  
Declination applied to this figure?  
 Yes  No



Locality



Sketched by: saeed

Scale: Not to scale

Date: 9-Jun-24

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<b>CONTROL POINT DETAILS</b>		<b>Station Number</b> PSM0661	
<b>Coordinate Information</b>			
<b>Geodetic</b>		<b>Grid</b>	
<b>WGS 84</b>		<b>UTM Zone 43</b>	
Lat: 6°20'31.91884"N		E: 276180.390	
Long: 72°58'36.11847"E		N: 701468.993	
Ellp Height: -95.272		Orth Height: 0.926	
<b>Island Name:</b> Sh.Bileiyfahi (LD1064)		<b>Date:</b> 9-Jun-24	

### Monument description & method of survey:

- Concrete cast in-situ (cast on-site) with a diameter of 0.3m and 1m in length.
- A 1m long PVC pipe with a diameter of 0.3m was used as a casing for the concrete.
- A 1.5m long stainless steel (s/s) rod was driven into the ground as the center point, marked with a punch.
- The monument was labeled with a stainless steel plate stating the point identification.
- The monument was finished below 0.2m of the ground level.
- GNSS static survey was conducted for post-processing to determine the precise coordinates of the monument.
- The vertical elevation related MSL was transferred from PSM0660 by GNSS static post processing.

### General site condition & access:

- located at north end of sosun magu.
- easily accessible.

**Owner:** Bileiyfahi council



DOWN TOWARD PSM h: 1.5m



NORTH VIEW D: 3m



EAST VIEW D: 3m



FROM PSM UPTOWARD SKY H: 1.8m



SOUTH VIEW D: 3m



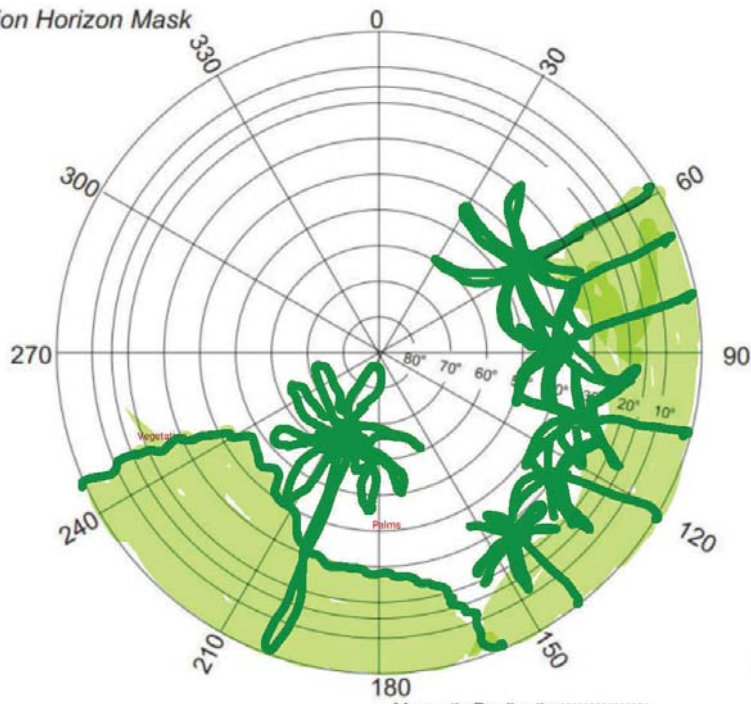
WEST VIEW D: 3m

**SITE INFORMATION**

Station Number

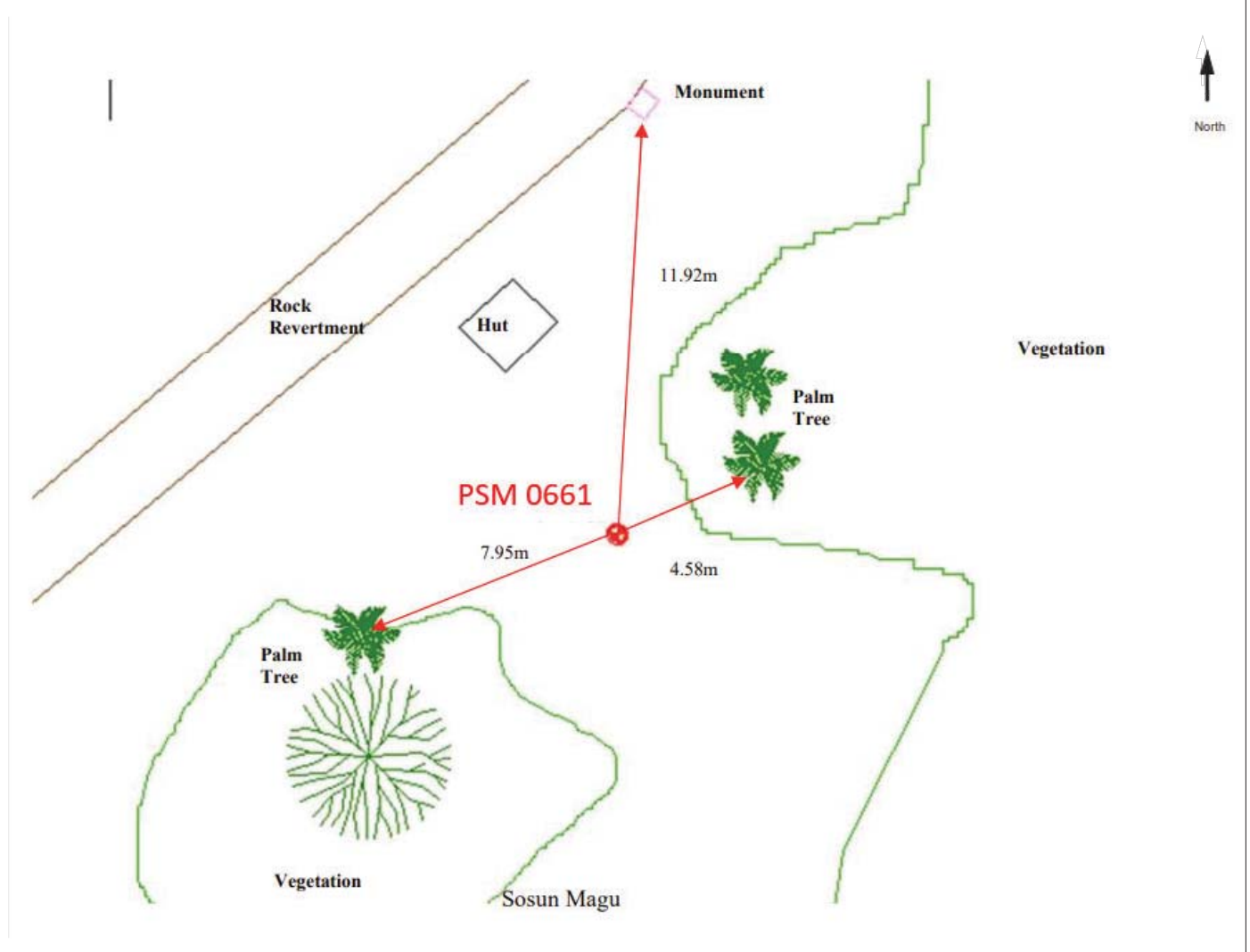
P S M 0 6 6 1

Station Horizon Mask



Height above Marker that horizon was mapped from 1.5 m

Locality



Sketched by: saeed

Scale: Not to scale

Date: 9-Jun-24