

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 5521
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 2°01'05.17812"N	E: 317590.7426m	
Long: 73°21'35.81437"E	N: 223154.1230m	
Ellp Height: -90.823m	Orth Height: 1.0235m	

Island Name: L. Vadinolhu	Date: 22 nd July 2012
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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 4hrs 53min of data collected for line PSM 5521-5522, 54min for line PSM5521-5523 and 30mins for the line PSM5521-TBM. The PSM 5521 is in line of sight to PSM 5522. Correction and adjustment are made using Topcon Tools software. MSL established by transferring water level (22/07/2012 09:52) and reducing to MSL using Hulhule predicted tide data set.

General site condition & access:

The PSM 5521 is located north eastern side of the island; close to the temporary accommodation units. The PSM falls close to the beach villas in the master plan of the resort. The PSM5521 in line of sight to PSM 5522; located at cleared area near the existing well approximately 46m south west of PSM5521. The PSM can be accessible from the path leading to temporary accommodation units and from the beach. Sky view is clear of obstruction apart from north, north east, east and south east (obstructing at 30° elevation angle).

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



Bottom



North



East



Up



South



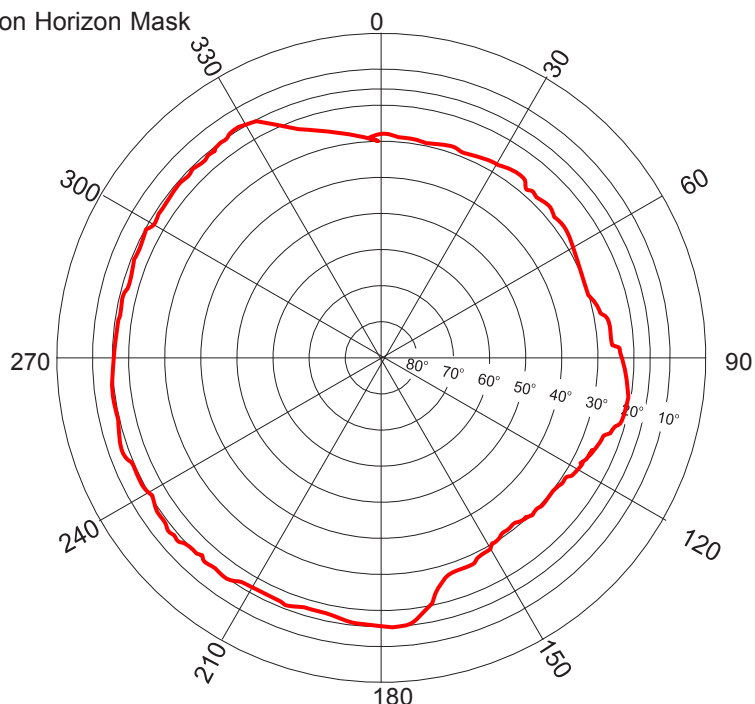
West

SITE INFORMATION

Station Number

P S M 5 5 2 1

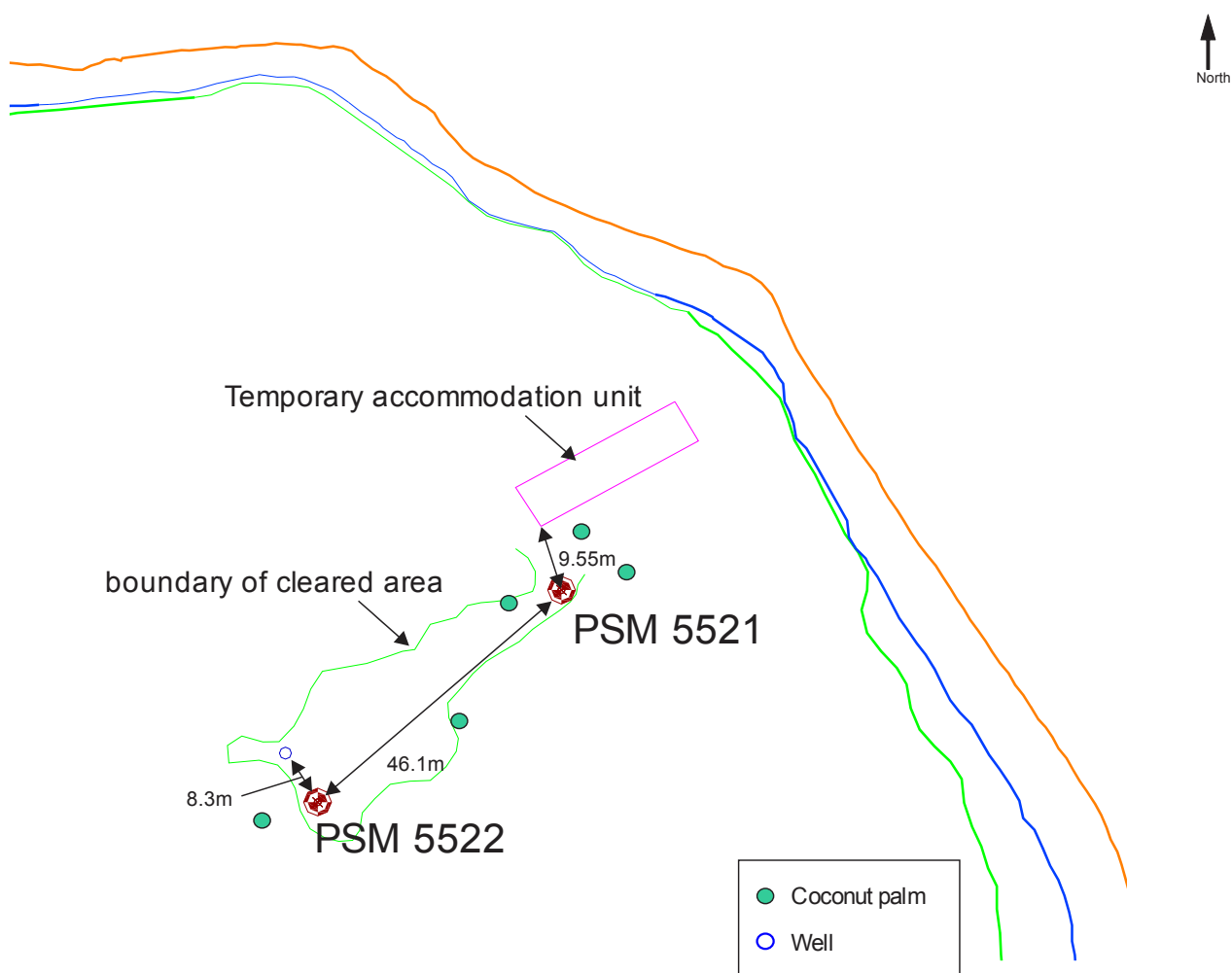
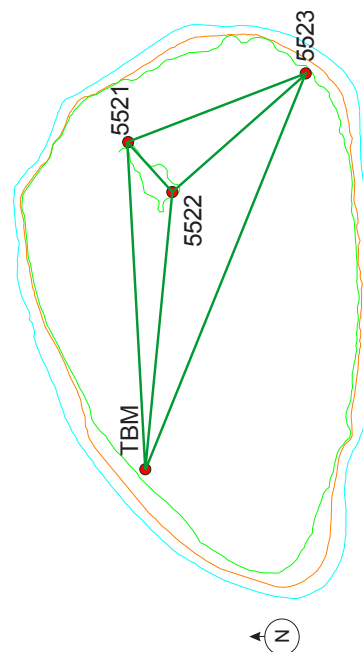
Station Horizon Mask



Height above Marker that horizon was mapped from 1.500 m

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

Locality



Sketched by: Usman

Scale: Not to scale

Date: 24th July 2012

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CONTROL POINT DETAILS		Station Number 5522
Coordinate Information		
Geodetic		Grid
WGS 84		UTM Zone 43
Lat: 2°01'04.19046"N		E: 317555.9811m
Long: 73°21'34.69051"E		N: 223123.8212m
Ellp Height: -90.645m		Orth Height: 1.1911m

Island Name: L. Vadinolhu	Date: 22 nd July 2012
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Monument description & method of survey:

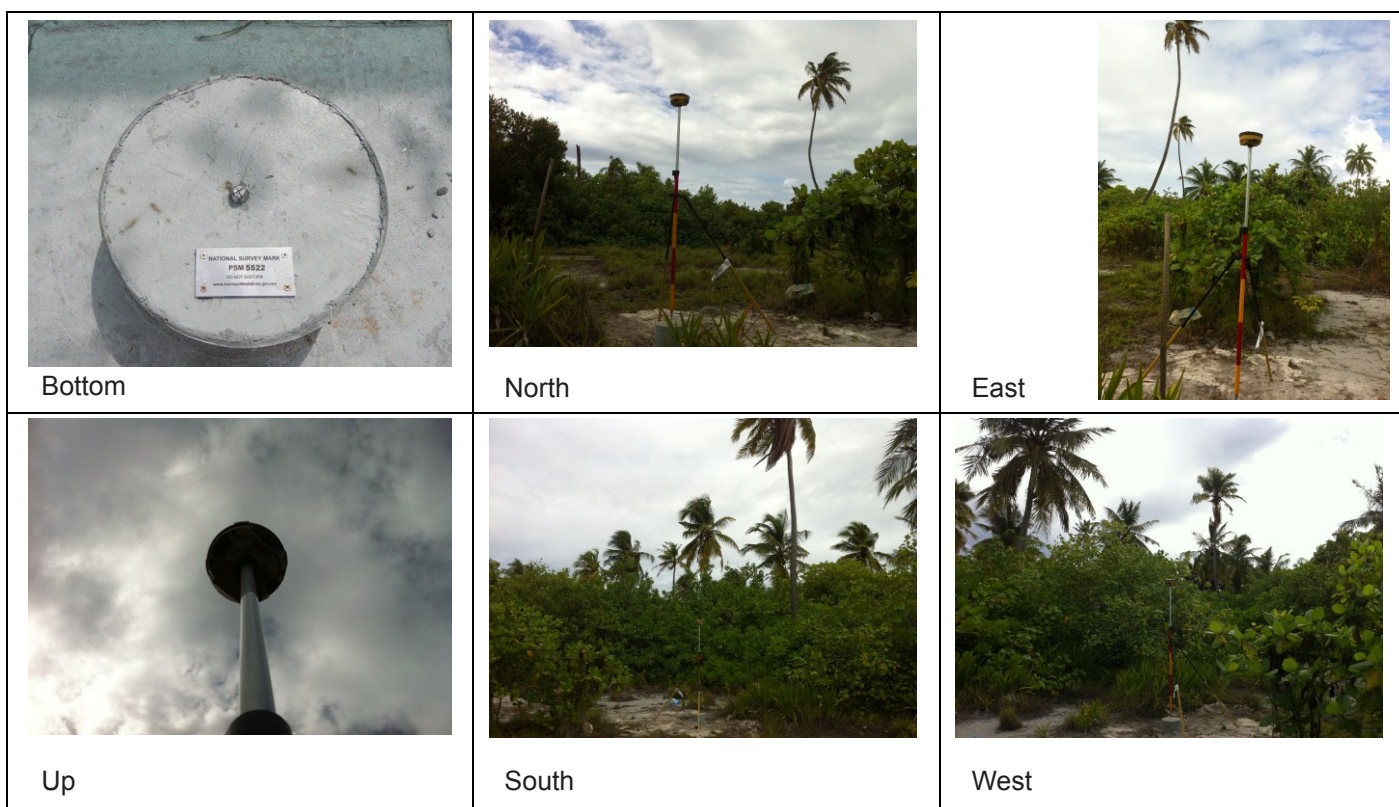
PSM type: PSM type A (finish level approx. 150mm above ground level)

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 4hrs 53min of data collected for line PSM 5521-5522, 1hr for line PSM5522-5523 and 27mins for the line PSM5522-TBM. The PSM 5522 is in line of sight to PSM 5521. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM5521 as part of level run.

General site condition & access:

The PSM 5522 is located north eastern side of the island; SW of PSM5521 at the SW end of cleared area close to the existing well. The PSM falls close to the general stores building in the master plan of the resort. The PSM5522 is in line of sight to PSM 5521; located at cleared area near the existing temporary accommodation unit approximately 46m NE of PSM5522. The PSM can be accessible from the path leading to temporary accommodation units and from the beach. Sky view is clear of obstruction apart from western side (obstructing at 45° elevation angle).

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

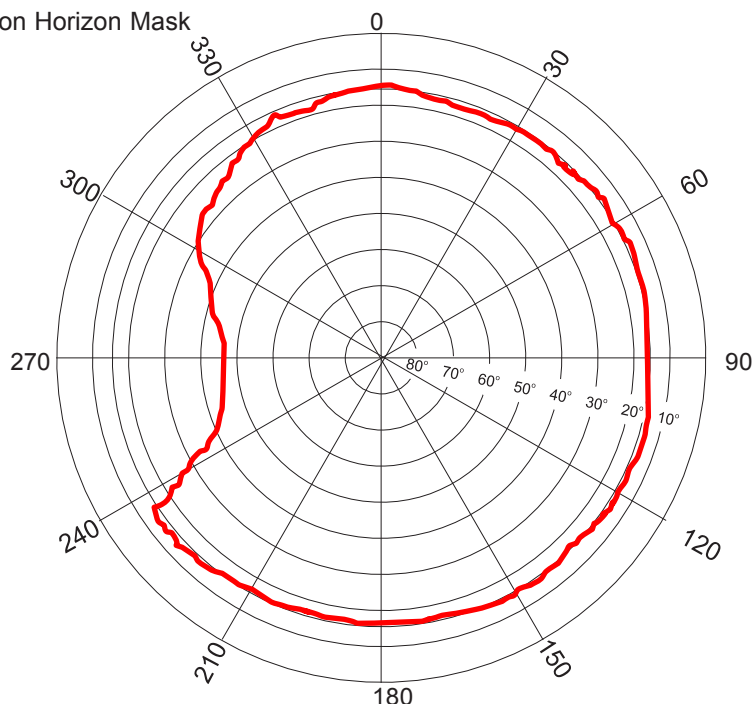


SITE INFORMATION

Station Number

P S M 5 5 2 2

Station Horizon Mask

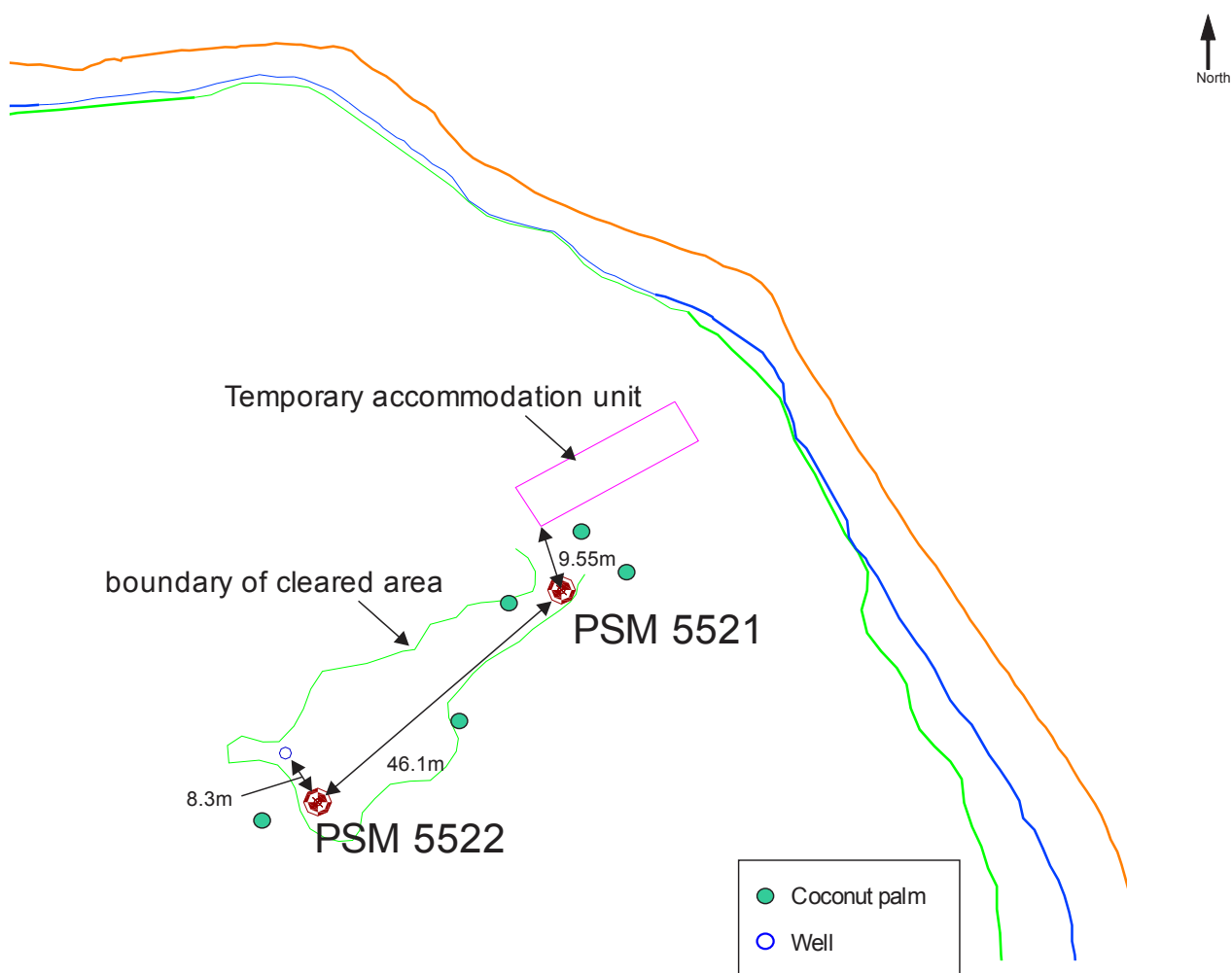
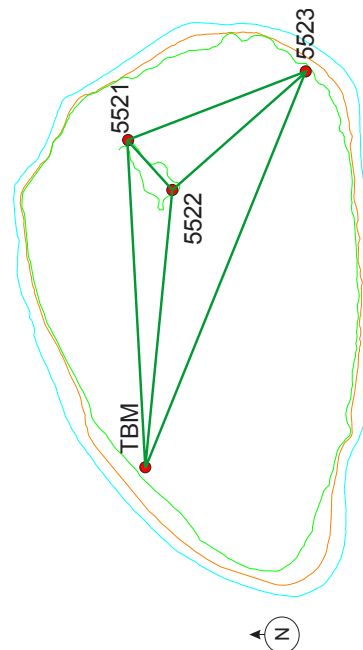


Height above Marker that horizon was mapped from 2.438 m

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



Locality



Sketched by: Usman

Scale: Not to scale

Date: 24th July 2012

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CONTROL POINT DETAILS		Station Number 5523
Coordinate Information		
Geodetic	Grid	
WGS 84	UTM Zone 43	
Lat: 2°01'01.18285"N	E: 317637.9664m	
Long: 73°21'37.34648"E	N: 223031.3573m	
Ellp Height: -90.269m	Orth Height: 1.1963m	
Island Name: L. Vadinolhu		Date: 22 nd July 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 54min of data collected for line PSM 5523-5521, 1hr for line PSM5522-5523 and 28mins for the line PSM5523-TBM. Correction and adjustment are made using Topcon Tools software. MSL established by transferring level from PSM5522 as part of level run.

General site condition & access:

The PSM 5523 is located south eastern side of the island; near the temporary jetty and accommodation units. The PSM falls close to the main restaurant in the master plan of the resort. The PSM can be accessible from the beach. Sky view is clear of obstruction apart from northern side (obstructing at 30° elevation angle), north western side (obstructing at 40° elevation angle) and western side (obstructing at 30° elevation angle).

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



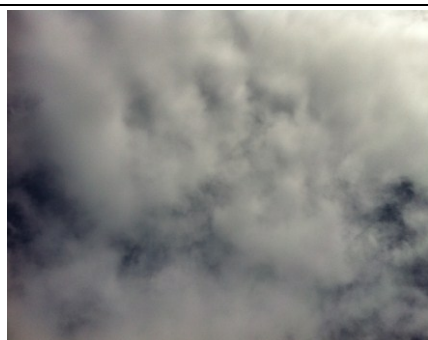
Bottom



North



East



Up



South



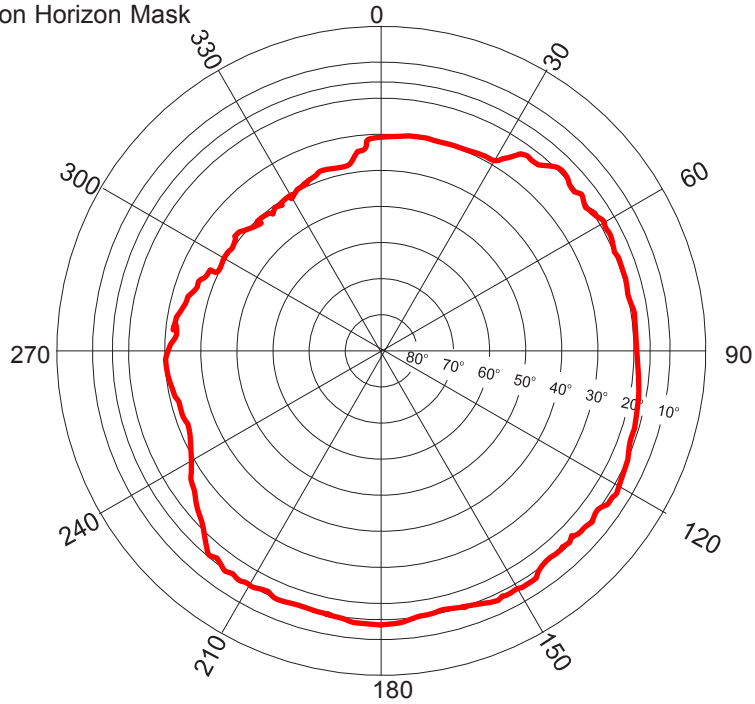
West

SITE INFORMATION

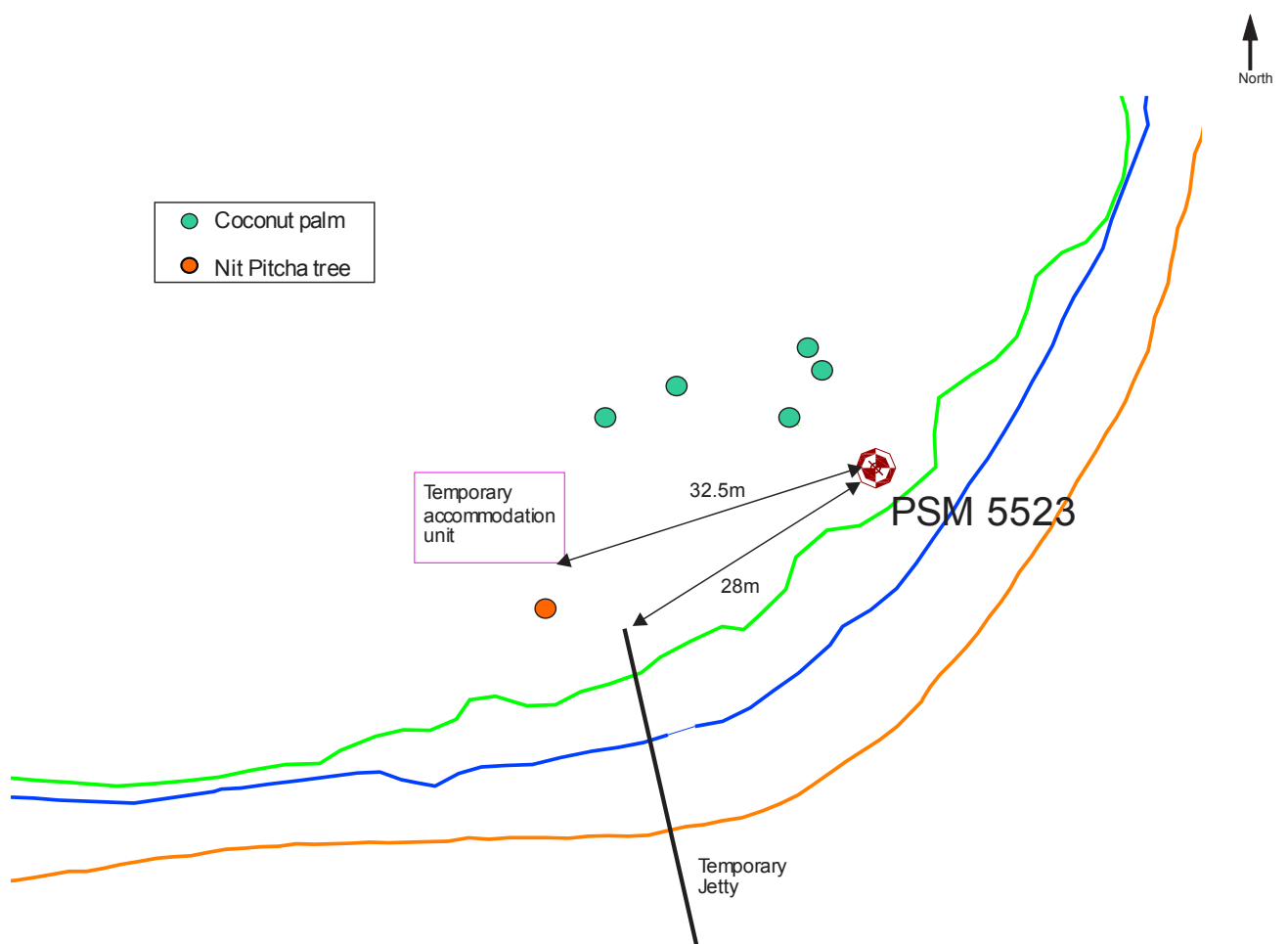
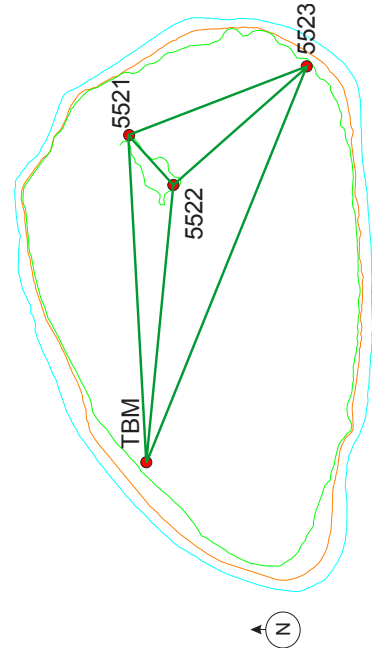
Station Number

P S M 5 5 2 3

Station Horizon Mask



Locality



Sketched by: Usman

Scale: Not to scale

Date: 24th July 2012