

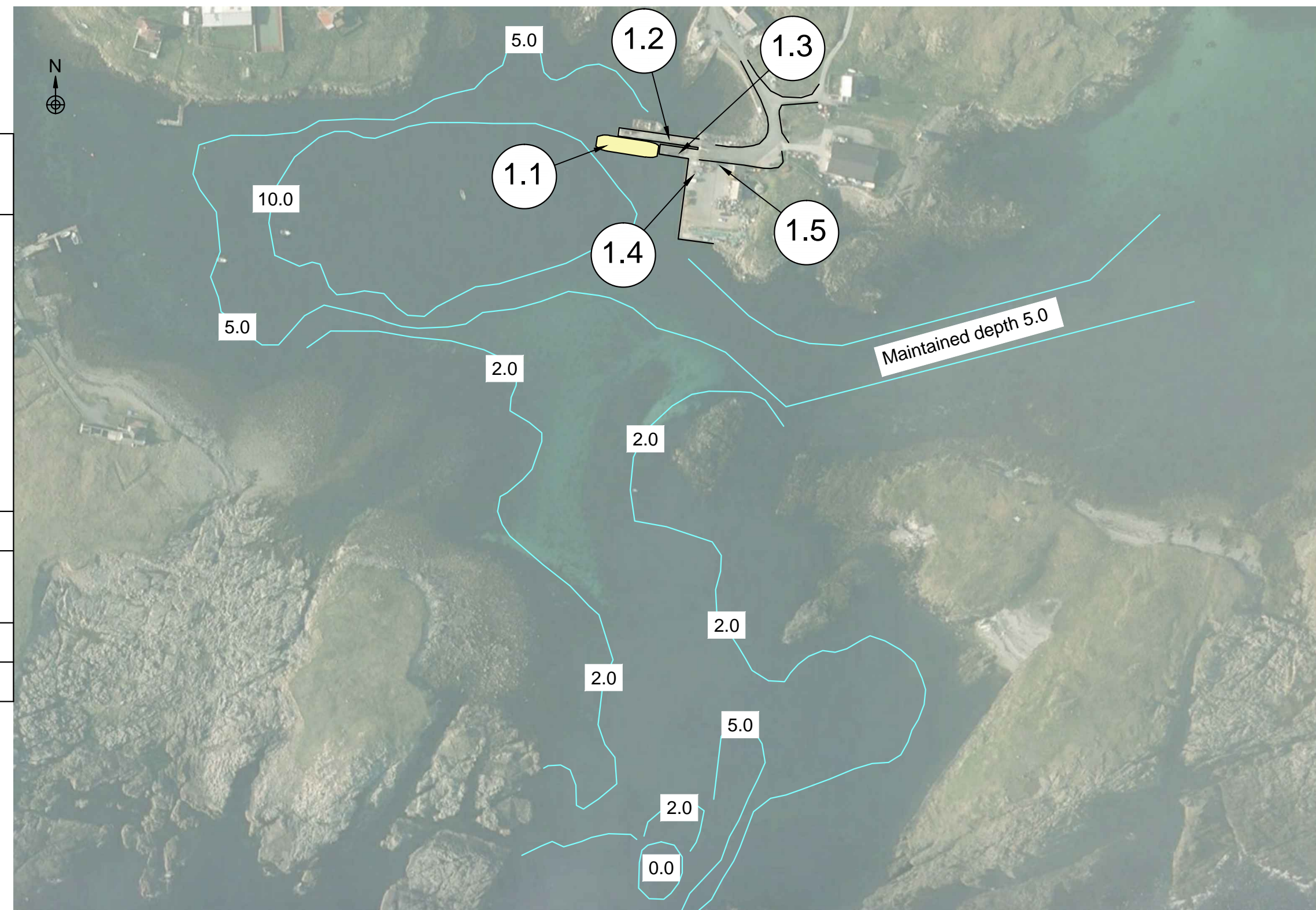
NTS



NTS

1) CURRENT CONDITION

1.1	Current Main Vessel	<p>Size: MV FILLA</p> <ul style="list-style-type: none"> • Loa = 35.5 m • Beam = 9 m • Draught = 3.05 m <p>Capacity:</p> <ul style="list-style-type: none"> • 30 passengers • 8 PCU
1.2	RoRo Ferry Berth	Concrete piled jetty of approx. 46m long
1.3	Linkspan	Small 4.5m wide x 13.915 m long
1.4	Parking/waiting area	Non dedicated
1.5	Facilities	Toilets



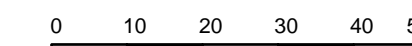
Approx. scale 1:2500

NOTES:

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5. IMAGERY FROM GOOGLE EARTH.
6. BED LEVELS FROM ADMIRALTY CHART 3284 MOUL OF ESWICK LUNNA HOLM INCLUDING OUT SKERRIES.
7. BERTH STRUCTURE REQUIRES FURTHER ASSESSMENT TO ESTABLISH NECESSARY REPAIRS/STRENGTHEN WORKS OR COMPLETE REPLACEMENT TO COMPLY WITH A 30 YEARS SERVICE LIFE.
8. FENDERS AND BOLLARDS FOR OVERNIGHT MOORING REQUIRE FURTHER ASSESSMENT TO ESTABLISH THEIR ADEQUACY FOR LARGER VESSELS.
9. IF BERTH STRUCTURE IS TO BE REPLACED IT IS RECOMMENDED TO UPGRADE / REPLACE LINKSPAN.

SHETLAND TIDAL LEVELS

LOCATION	MHWS	MHWN	MLWN	MLWS
Out Skerries	2.2	1.7	0.9	0.4



Reference Drawings:

2) LIKE FOR LIKE OPTION

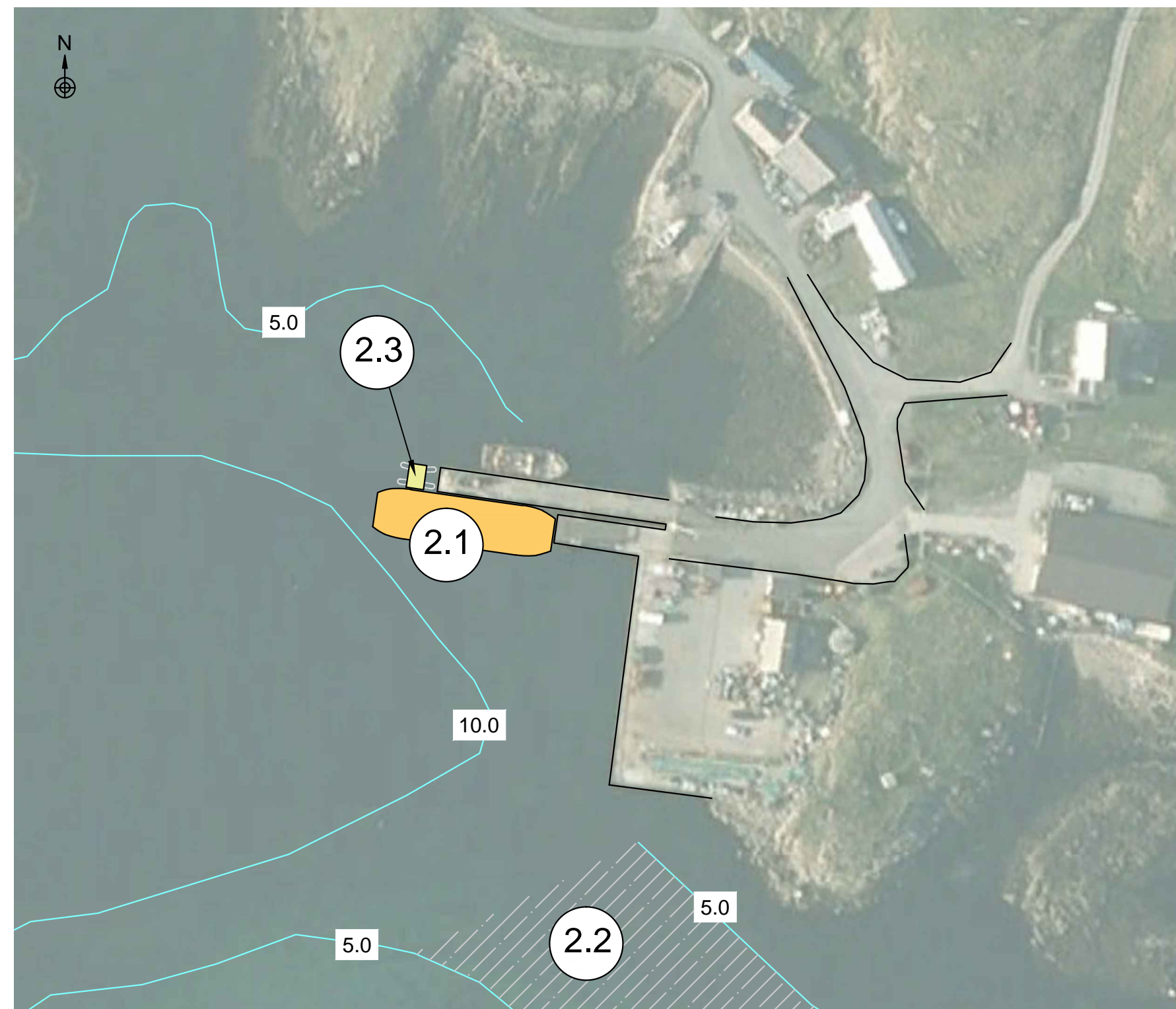
Terminal upgrades

2.1	Vessel	<p>Specific vessel based on <i>MV Filla</i>:</p> <ul style="list-style-type: none"> • Loa = 36 m • Beam = 10 m • Draught = 3.10 m <p>Capacity:</p> <ul style="list-style-type: none"> • 30 passengers • 8 PCU
2.2	NE entrance	Maintained depth 5.0mCD
2.3	RoRo Ferry Berth	<ul style="list-style-type: none"> • Extension of RoRo berth with a dolphin (see note 7 & 9). • Installation new bollards and fenders (see note 8). • Berth exposed to southerly waves.

3) OVERNIGHT BERTH AT SKERRIES

Possible location

3.1	<p>Partially sheltered from southerly incoming waves. Further climate assessment is needed to determine if wave conditions are suitable for overnight berthing. If necessary a wave screen could be added to the existing structure to provide some improved protection.</p>
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Approx. scale 1:1000



Approx. scale 1:1000

B	18/07/16	SIC comments
A	15/06/16	PBA comments
Rev	Date	Details

Client:



Project:
SHETLAND INTER-ISLAND TRANSPORT STUDY

Title:
SKERRIES OPTIONEERING



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Drawn:	DP	Checked:	GR
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