



NTS



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1) CURRENT CONDITION

1.1	Current Main Vessel	MV LEIRNA Size: • Loa = 32.45 m • Beam = 10.7 m • Draught = 1.99 m Capacity: • 124 passengers • 19 PCU
1.2	RoRo Ferry Berth	• 39 m concrete piled jetty. It extends 30 m from the end of the linkspan • Panelled fender
1.3	Linkspan	Small 4.5m wide x 13.915 m long
1.4	Parking/waiting area	80 lane meters
1.5	Facilities	Waiting room



Scale approx. 1:1000

NOTES:

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5. IMAGERY FROM GOOGLE EARTH.
6. BED LEVELS FROM ADMIRALTY CHART 3271 LERWICK HARBOUR AND APPROACHES.
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 REPLACE / UPGRADE LINKSPAN.

SHETLAND TIDAL LEVELS

LOCATION	MHWS	MHWN	MLWN	MLWS
Lerwick	2.1	1.7	0.9	0.5



Reference Drawings:

2) LIKE FOR LIKE OPTION No Terminal upgrades

2.1	Vessel	35m Specific Vessel
2.2	RoRo Ferry Berth	Vessel slightly overhangs from berth. If strengthen works are required, extension of the berth could be undertaken (see notes 7 & 9).

3) LARGER VESSEL Terminal upgrades

3.1	Vessel	Larger Specific Vessel
3.2	RoRo Ferry Berth	• Recommended extension of RoRo berth circa 10m. A dolphin could be provided (see note 7 & 9). • Installation of new fenders and bollards (see note 8).
3.3	Parking	To discuss with Port Authority for additional parking area for increased demand.



Scale approx. 1:1000



Scale approx. 1:1000

B	18/07/16	SIC comments
A	14/06/16	PBA comments
Rev	Date	Details

Client:



Project:
**SHETLAND INTER-ISLAND
TRANSPORT STUDY**

Title:
**LERWICK
OPTIONEERING**



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Drawn:	DP	Checked:	GR
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