



Another quay

A 75-metre, deep-water extension to Berth 7 at Greenhead Base is on target for completion in October this year and will bring the total quay length in the immediate area to over 780 metres. The site was predredged to nine metres' water depth.

The catalyst for construction of the eastwards extension, by local contractor Tulloch Developments, was the success of the adjacent 100-metre-plus new berth, that was brought into use ahead of schedule in early 2012 to support subsea projects.

Subsea centre

Lerwick Port Authority continues to develop the harbour's infrastructure to meet the requirements of the oil and gas industry, including in support of subsea projects – from installation of subsea production facilities and full field developments to decommissioning.

Recent and ongoing expansion includes new deep-water quays, land reclamation and extensive industrial sites as laydown areas.

Building on around 40 years' experience of servicing the sector, the door was opened to the further development of deep-water facilities by the Authority's major dredging project in 2008 which improved access and deepened channels and berths for the larger, specialist vessels now operating in the northern North Sea and west of Shetland.

Sandra Laurenson, the Authority's Chief Executive said: "Our strategy of proactive investment is helping meet the industry's changing and growing requirements, and ongoing developments will ensure that Lerwick continues to provide the necessary resources."

Activity centre

Leading contractors are using Lerwick Harbour to support a range of subsea projects, including:

- Installation of subsea infrastructure on Laggan-Tormore, by Subsea 7 vessels.
- Gryphon Area Reinstatement Programme, involving Technip.
- Quad 204 development project, involving Technip.
- Rob Roy/Ivanhoe decommissioning contract, by PetersonSBS/Veolia Environmental Services.
- Continuing work on Osprey field by Bibby Offshore.
- Allseas pipelaying activity for Laggan-Tormore, Solan and Claymore.

The port is also the location for:

- Bibby Maritime's floating accommodation coastel, Bibby Stockholm, under charter to Shetland Gas Plant's principal contractor, Petrofac, for the rest of the year.
- Delivery by heavy lift vessels of Shetland Gas Plant modules to Holmsgarth for transhipment by Mammoet cargo barge to Sullom Voe.



Hess decommissioning project underway at Greenhead Base

More laydown planned

Digital impression of proposed development areas

Plans for additional industrial land, creating more laydown, are at an advanced stage, with the aim of development sites near Rova Head being available in the first quarter, 2014.

This initiative will support energy projects, particularly those associated with the nearby Greenhead and Dales Voe quays, used by the offshore industry.

When complete, the area will add around 60,000 square metres of land for industrial use, complementing existing laydown available at the adjacent North Greenhead Reclamation site.

Larger ships calling

Following a 52% year-on-year increase in 2012 to 3 million gross tonnes of oil-related vessels calling at Lerwick, there was a further 30% rise in the first quarter, 2013. Compared with the same period last year, the tonnage of vessels piloted was up 26%, with the larger size of ships now using the port, including for subsea project support.



Britain's Top Port

Lerwick Harbour – Britain's most northerly commercial port – is strategically positioned to service oil and gas operations on its doorstep in the northern North Sea and west of Shetland, with its other natural advantages – including deep water, sheltered location, two entrances and 24-hour, all-weather access – complemented by well-developed facilities and services.

- Almost 4,000 metres of quayside.
- Up to 12.5 metres' water depth alongside.
- Deep-water anchorages over 50 metres.
- Multiple heavy-lift berthing options.
- Licensed decommissioning pad.
- Over 120,000m² of open storage and laydown.
- Logistics, engineering and fabrication from experienced providers.
- Project support.
- Quayside waste management with modern landfill site and local disposal routes.
- Workshops, warehousing and utilities.
- Diving and surveying.
- Ships' agencies.

Renewables' potential

The infrastructure developed at Lerwick Harbour for the oil and gas industry and the experience gained over the decades closely matches the likely requirements by the offshore renewable sector in any future developments in the Northern North Sea.

The Authority is providing assistance to enquiries on potential future wave, tidal and offshore wind projects and possible test sites to support this activity.



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