

# COMMUNITY NEWSLETTER

Stornoway Port Authority  
Deep Water Terminal

September 2023

Issue 14



Aerial view of works as  
of 1st September 2023

## DWT progress in August

Works undertaken in August:

- Dredged seabed in front of main quay to -10m below Chart Datum
- Completed removal of the Portugal wreck
- Completed installation of anchor walls to support the main quay piles
- Installed steel anchors to base of the 16 linkspan berth piles located on rock
- Continued placing blasted rock behind the quay walls, now 60% complete
- Started placement of crushed rock over link route surface, now 50% complete
- Installed electricity sub-station

## Berthing dolphins piles complete



Installation of the 16 berthing dolphin piles was completed in August.

These piles have to be hammered into seabed rock. As rock levels vary in this area, extension pieces were welded onto some of the piles to ensure that they were long enough.

This was done by local welders, working from temporary scaffold platforms and the longest pile now measures 52m. The extended piles were then driven into rock using a hammer suspended from a crane.





Dredging in front of main quay wall in progress

## Main quay dredging

Now that the piles along the main quay wall are supported by tie rods, the seabed in front of the main quay has been dredged.

This was done by a long-reach excavator mounted on a barge. Seabed level surveys were carried out to check that the dredging has been completed to the required level.

The water depth along the main quay is now 10m at the lowest tide. This brings the dredging works to 99 % complete.



## Works for September

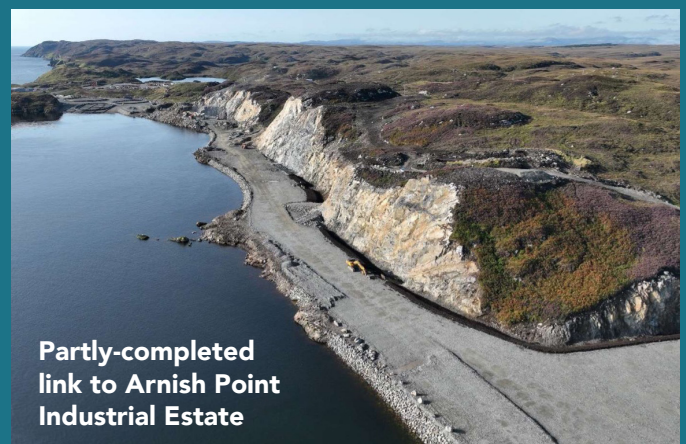
Work to be carried out in September includes:

- Start installation of concrete capping beams onto quay wall piles
- Construct anchor walls to linkspan berth
- Install bracing frames to berthing dolphin
- Start construction of berthing dolphin concrete platform
- Start electrical installation

## Link to Arnish Point

The project includes construction of a link between the Deep Water Terminal and Arnish Point Industrial Estate. This will be used to move large components between the Terminal and the Arnish Point.

The link route was created by blasting rock next to the shoreline, which was used in the reclamation area. Crushed rock is being laid along the route to provide a surface that can be used by large vehicles.



Partly-completed link to Arnish Point Industrial Estate



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For more information about the project, or to discuss any concerns, please contact Project Manager, Chris Penman, on [mclh.5445@mclh.co.uk](mailto:mclh.5445@mclh.co.uk)



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