

# COMMUNITY NEWSLETTER

Stornoway Port Authority  
Deep Water Terminal

January 2023

Issue 06

## Deep Water Terminal progress in December



Rock platforms and quay walls as of  
17th December

Works undertaken in  
December include:

- Blasted 27,554 tonnes of rock, bringing the quantity so far to approximately 65% of the total
- Closing in of rock platform along southern edge completed
- Installed a further 24 tubular piles and sheet piles to form the quay walls (43% of the total)
- Mobilisation of the onshore dredging equipment

## Eight week careers programme concludes

Over the course of an eight week programme, a group of S2 pupils were provided hands-on experience of building structural models, flying a survey drone, and using a robotic survey tool.

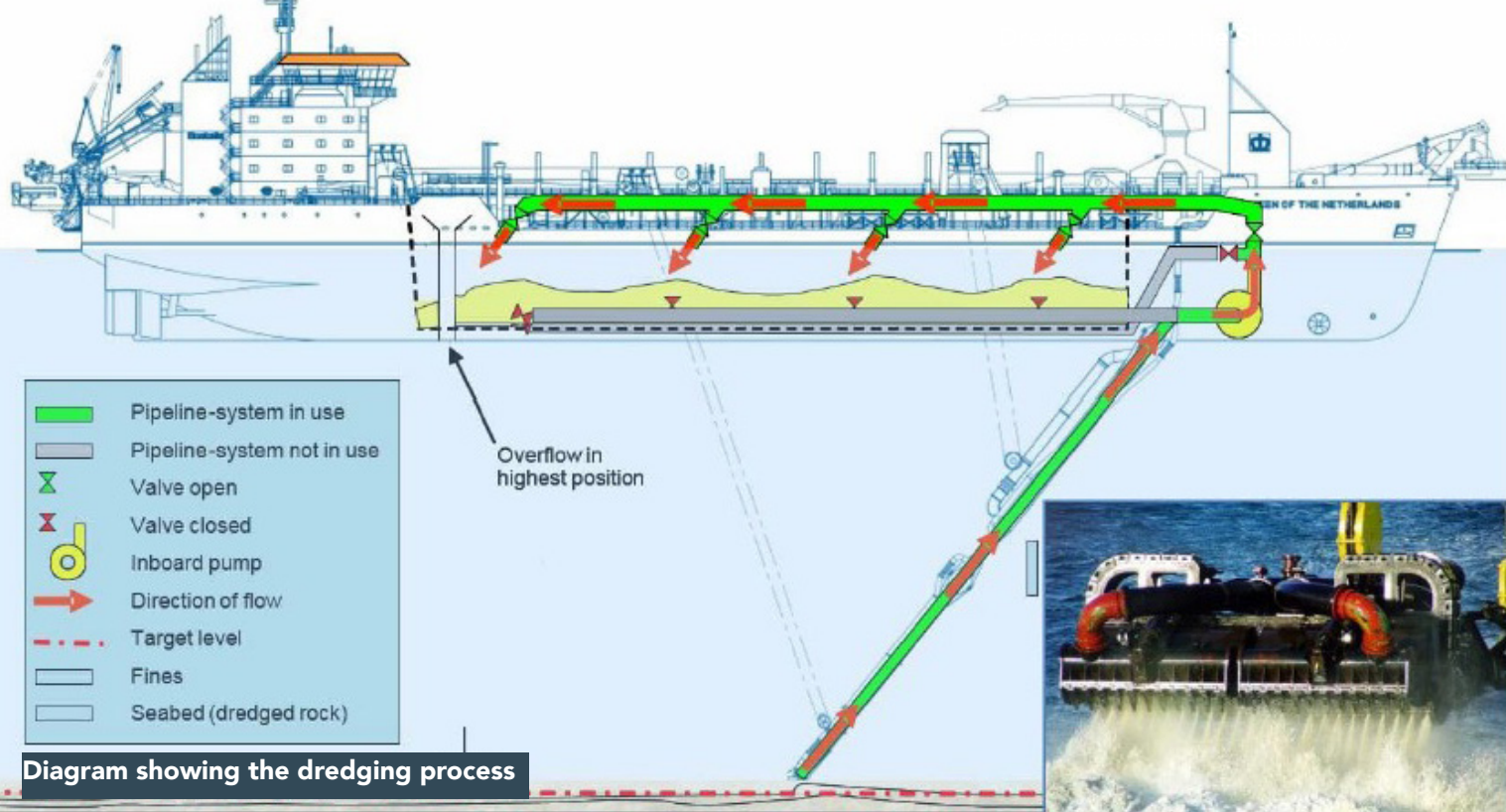
They also learned about the career opportunities in civil engineering and the measures taken to protect the environment during the works.

To complete the programme, they visited the DWT site in December to see how work had progressed since their last visit in October.



S2 pupils on their second site visit





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## Dredging set for January

Dredging of the seabed around the new quays and on the approaches will start in January.

The harbour depth must be reduced to ensure it is able to

vessel Causeway, assisted by two workboats, the MC Fenna and the MC Aramis.

The Causeway is fitted with a trailer suction pipe. A 'draghead' at the end of the



accommodate larger vessels.

Up to 500,000 cubic metres of material will be removed from the seabed, the majority of which will be placed behind bunds in the reclamation area.

The dredging will be carried out by the Boskalis dredge

pipe will loosen material from the seabed using teeth and water jets.

An underwater pump moves the material from the seabed to the cargo hold on the Causeway and then excess water drains out from an overflow in the hold.

## Month ahead

Work to be carried out over the course of January includes:

- Commence dredging and placement of dredged material behind bund
- Extend and widen rock platforms to provide access for piling equipment
- Continue installing quay wall piles
- Continue rock blasting and formation of the link road to Arnish yard