Project Case Study

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

Client: Engie UK Ltd

Duration: 7 Weeks

Project: Ghyll Head Jetty

Requirement:

TMS were instructed to remove an existing 20m wooden jetty & a 20mx10m concrete slipway at Ghyll Head on Lake Windermere and replace with new.

Solution:

TMS installed a 3 sided steel sheet piled cofferdam with a Movax using floating plant, at the same time installing 20 number permanent rounded timber piles as part of the construction of the new wooden jetty.

This jetty will be used for access to the lake for the Gyhll Head Education center. All of the works were carried out from a uni-float barge.

The project was challenging in the way that access was virtually impossible from the main road with plant as the project location was 100m down a small path with steps.

The 200mm thick reinforced slipway that was constructed consisted of three adjoining concrete slabs, all three with different gradients. The concrete had to be pumped from the main road down the steep winding path for 100m.

Once the concrete had been allowed to cure for 7 days and the wooden jetty construction had been completed inside the cofferdam, the movax returned to site via the uni-float barge and removed the steel sheet piles cofferdam. The project was then completed from afloat using one of our in house dive teams who installed the second half of the 20m wooden jetty alongside our above water surface installation team.

All of the plant required for this project was transported from a location 2 miles away on the opposite side of the lake, this was also challenging as site logistics had to be planned meticulously so that the project ran smoothly and on time.

Teignmouth Maritime Services Ltd: Unit 20 & 22B Dawlish Business Park , Dawlish, Devon, EX7 0NH
www.tmsmaritime.co.uk Info@tmsmaritime.co.uk +44 (0)1626 866066