

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

Client: Torbay Development Agency
Project: Oxen Cove Jetty

Value: £2M
Duration: 5 Months

Description:

TMS were contracted, in collaboration with Red 7 Marine, by Torbay Development Agency to install a new Shellfish Landing Jetty at Oxen Cove, Brixham in 2019. Whilst Brixham is currently the most important fishing port in England and Wales when measuring value of catch landed, the Shellfish Jetty was commissioned to meet growing demand from the expanding shellfish industry locally.

The project was awarded to TMS on a Design and Build basis and involved the installation of 16 tubular steel piles, 744mm diameter and 18m long rock-socketed with 3m rock head embedment. The existing rock armour was removed using a shore-based long reach excavator and then the works were undertaken using a combination of a 104t drilling rig set upon a jack-up barge and a 160t crane sitting on a floating barge.



A significant challenge experienced during the project was the variable and unpredictable nature of the local geology, which made piling considerably complex. However, once the piles were installed, pre-cast concrete units were added before an in-situ reinforced concrete deck was poured. Once completed, the original rock armour was replaced.



The Project was completed on time and was fulfilled to the client's complete satisfaction.