

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

**Client: Associated British Ports**

**Duration: 4 Weeks**

### **Project: ABP West Wharf Beam Repairs**

#### Requirement:

TMS were contracted in October 2019 by ABP Plymouth to carry out the task to repair the reinforced concrete beams underneath West Wharf. The concrete beams had failed due to the wetting and drying of the steel causing the concrete to crack and blow around the steel.

#### Solution:

Working as the main contractor for ABP, TMS also sub-contracted Ogden's Scaffolding Services Ltd to erect scaffolding to access the works at all tides. TMS needed to carry out preparation of the beams by removing any of the loose concrete back to where the beam was structurally sound.

Once the replacement steels were installed a temporary works shuttering was then erected around the beams enabling to carry out the repairs using a proprietary marine grade mortar, once the curing time had passed, the temporary works were removed and once again making the beams structurally sound.

