

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

Client: Homes & Communities Agency **Completion: May 2017**

Project: Trinity Pier Masonry Quay Wall Repair **Value: £450,000**

In 2015, a 12m long section of Plymouth's historic Millbay Marina masonry quay wall collapsed into the marina, leading to washout and undermining of the quayside above it.

Working for the Homes and Communities Agency, TMS were engaged for this 14 week project to repair the quay wall and replace pontoon berths that were also damaged during the collapse.



Working to a design by Peter Brett Associates, TMS were commissioned to construct a plain concrete masonry-faced gravity retaining wall and to reinstate the quayside above.

Much of the works was below and within the inter-tidal zone. Rather than install a cofferdam, TMS used their extensive knowledge of underwater working and utilized their in-house dive teams to prepare and lay the foundation underwater.

Although not a Listed structure, Millbay Marina is historically significant, being one of the berths that received survivors from RMS Titanic. A high quality finished product was therefore essential to the wall.

Working tidally, our experienced stonemasons constructed the Purbeck Limestone face of the quay wall which was subsequently backed up with the gravity concrete wall. Once complete, the marina was dredged to remove all traces of the collapse and new pontoons were installed.

