

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

**Client: Associated British Ports**

**March 2017**

**Project: Millbay Fender Replacement**

**Value: £270,000**

During rough sea state conditions in late 2015, a passenger ferry was forced against Plymouth's Millbay Pier, causing damage to the fendering systems.

TMS were engaged by ABP to salvage the damaged fender and transport to storage for structural assessment.

During the inspection, it was found that the fender was no longer serviceable and would need full replacement.



ABP therefore procured a new fender and employed TMS to install it in position. This was completed during March 2017. Due to the loading restrictions on Millbay Pier, TMS mobilised a 250t jack-up barge on which was positioned a 150t crane. The fender was assembled at West Wharf in Millbay before being loaded onto the barge.

The barge was then towed into position and jacked up to level, whereupon the fender was offered up and bolted onto fixings that had been pre-installed by TMS.

Tolerances were critical during the whole operation to ensure that the fender fit first time, avoiding potential costly delays with the jack-up barge.

Following completion, the crane and ancillary plant were off-loaded at West Wharf.

