



## North Shields Ferry Landing – Jetty & Pontoon

This project involved removing corroded steel struts and beams, replacing them with new and heavier sections and installing cathodic protection. Also involved was the strengthening of 300mm x 300mm timber struts with 25mm thick steel plates, and replacing rubbing strips at the mooring timbers with heavy duty rubber rollers.

The work was carried out within a tidal range of almost 5m; however working hours were restricted to minimise any hindrance to the residents living immediately adjacent to the landing jetty. Northern Construction Solutions planned the works so that operations followed the water level down and back up again.

All materials were delivered daily, by water, on the pontoon and lifted into position by chain hoists.

The project also involved removing the anti-slip waterproofing from the jetty pedestrian walkway, and replacing it without disrupting ferry's passengers.

The final operation was to dredge the river bed below the Ferry's pontoon, by means of an airlift.

Northern Construction Solutions worked closely with the Client; as a result the project was completed within budget, on time, without any safety incidents and with no disruption to the Ferry's operations or its passengers.

Client	Nexus
Value	£150,000
Duration	11 Weeks

