

# PROJECT SHEET

**KELVIN RIVER AND GLENLEE BERTH DREDGING**  
GLASGOW, SCOTLAND

## PROJECT DESCRIPTION

This project was for capital dredging of a new berth on the River Clyde for the historic tall sailing ship 'Glenlee' and marina area in the adjoining River Kelvin. The Admiral Day grab dredger was mobilised to remove approximately 10,500m<sup>3</sup> material from within the Glenlee berth. The material was temporarily placed within a safe area at the centre of the River Clyde for later removal by the Trailing Suction Hopper Dredger 'W.D. Mersey'. Once all the material was removed from the berth dredging area and placed in the river, the 'WD Mersey' was mobilised to remove this material by trailing suction methods to the permanent disposal ground at Cloch Point in the Clyde estuary.

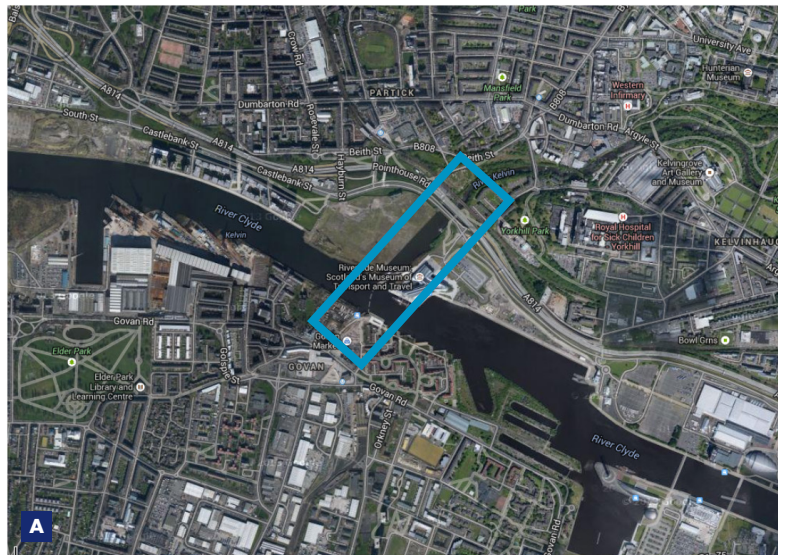
Close coordination with the harbour authorities was constantly maintained to ensure continued flow of harbour traffic in the river Clyde. Anchors were not permitted in the shipping lanes therefore 2 mooring points, bow and stern, were positioned on shore in order to secure the grab dredger over the dredge area.

The River Kelvin bed material contained debris and obstructions from years of dereliction. The Admiral Day is a specialised dredger equipped with a grid over the hopper allowing the collection of debris and other obstructions from reaching marine disposal areas.

The Admiral Day is highly manoeuvrable, making it suitable for this job where the dredge area was narrow.

## FEATURES

Project Name	Kelvin River and Glenlee Berth Dredging
Client	Luddon Construction Ltd
Contractor	Boskalis Westminster Limited (Previously Westminster Dredging Company)
Location	Glasgow, Scotland
Execution period	Jan - Feb 2011



- A** Location map
- B** WD Mersey
- C** Admiral Day Grab Dredger on site on the River Kelvin

