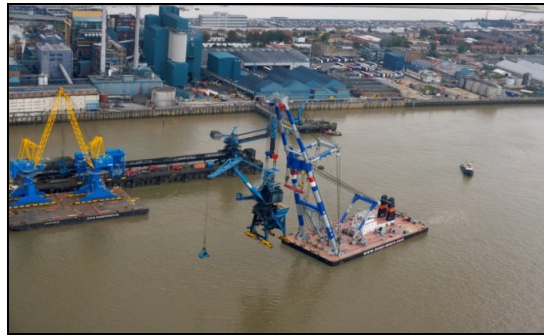


Project: Dockside Crane Removal
 Date: September 2007
 Programme: 1 Month
 Overview: To remove, dismantle and recycle the dockside cranes to make way for the replacements.



Work Streams: This involved the decommissioning of two dockside cranes, then they were removed by floating crane and placed whole on two pontoons then barged down the River Thames to Chatham Docks where they were dismantled and crane lifted down to the dockside.

Methods/Technology: Because of where the cranes were located, we had to dismantle them and take them away using a barge where they were floated down the river thames to Chatham. This project involved using 2no flat top pontoons, supplied by Econ with a capacity suitable to enable the safe transport of cranes to Chatham Docks. The specifications of the pontoons were 60 metres long x 20 metres wide with a load capacity of 3000 tonnes. The pontoons were manoeuvred and towed using 2 no 30 metre long tugs with a bollard pull of 40 tonnes.

Complexity: The job was notifiable to the Rivers Authority and had to be carried out to strict time constraints.

Programme/Delivery Constraints: Because of the weather and the tides, the cranes had to be ready at an exact time to ensure that the pontoons were able to come in, lift the cranes and leave all in a very short time frame; we were successful in achieving this goal.



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