Boskalis Westminster

PROJECT SHEET

DOVER WESTERN DOCKS REVIVAL
DOVER, KENT

FEATURES

Project Name	Dover Western Docks Revival
Client	Dover Harbour Board
Contractor	Boskalis Westminster Ltd (in Joint Venture, VSBW, Volker Stevin Boskalis Westminster)
Location	Dover, Kent
Execution period	January 2017 - July 2018



A Aerial location map
B Vessels arriving in Dover
C Aerial view of backhoe Manu Pekka



BOSKALIS WESTMINSTER: SKILLS, RESOURCES, EXPERIENCE

Boskalis provides clients with tailored, project specific solutions for all dredging and marine construction services, as illustrated by the following project summary.

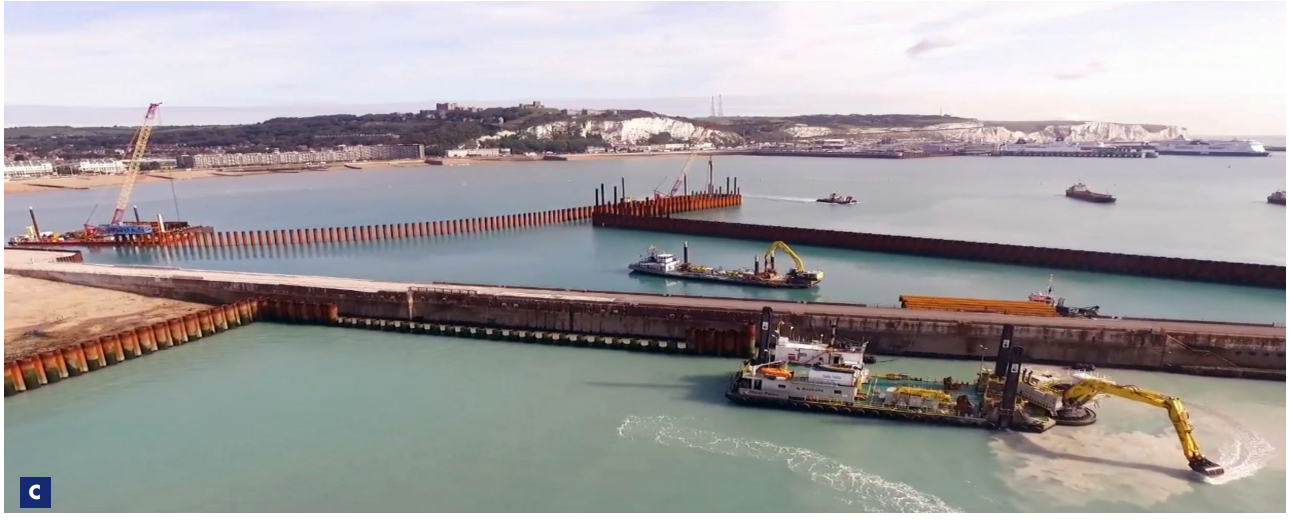
PROJECT DESCRIPTION

VSBW were proud to be involved in the Port of Dover's flagship Dover Western Docks Revival development. The £250 million scheme was the single biggest investment ever undertaken by the Port of Dover and represented the next exciting evolution of the Port, delivering long-term capacity for a key international gateway handling trade to the value of £122bn representing up to 17% of UK trade in goods.

The revival of the western part of the Port estate supports the developing destination agenda for Dover, being identified as the key catalyst for the wider regeneration of the area. It will deliver valuable employment opportunities both during construction and on completion of the new cargo facility.

With a contract value of £115m, VSBW delivered the marine structures and bridge contract. This construction stage included the design and build of two new berths including quay walls and land reclamation, a new marina pier, the marina curve, navigation channel and new lock gates, Bascule Bridge and capital dredging work.

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Approximately one million cubic metres of silt, gravel and chalk were removed from the harbour and required two million cubic metres of sand for use as infill material for land reclamation.

The works included 1,175,000m³ of capital dredging, 1,050,000m³ of reclamation, 51,000 tons of rock revetment and 135,000m³ of temporary stabilisation bunds.

The piling works to the marina curve and berth areas took 175 days to complete and covered a distance of 2.3km within the harbour area.

Once the area was 'enclosed' the reclamation phase began where 1,100,000m³ of silt was dredged by trailer suction hopper dredgers and backhoe dredgers.

80,000 tonnes of rock and 500,000m³ of sand were delivered and installed on site, ensuring that the areas for Berths A and C were complete to the 3.8m level.

To deal with the extreme amount of environmental requirements within the contract, a full time Environmental Manager was employed on site.





D Trailer Suction Hopper Dredger Barent Zanen in Dover
E Backhoe Manu Pekka and Barge Wadden 1
F Aerial view of Dover Works

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