Boskalis

EQUIPMENT SHEET

SHOREWAY
TRAILING SUCTION HOPPER DREDGER

CONSTRUCTION / CLASSIFICATION

Built by	IHC Dredgers B.V.
Year of construction	2008
Classification	Bureau Veritas

FEATURES

Mechanical driven dredge pump through maximum 2 main engines.Speed control between 70% and 100% of the nominal speed.

Two jet pumps connected to each other through a combined shaft. Jet pumps are driven by the starboard main propulsion engine. Serial and parallel running of the pumps is possible.

Degassing system has been applied.

Three main engines have been installed. Two are dedicated for propulsion and the third drives the dredge pump during trailing. During shore discharge, two main engines will drive the dredge pump and the third engine is available for propulsion/positioning of the vessel.

Suction tube installed on port side.

Accommodation is situated on fore ship.

Engine room and pump room are situated in the aft ship.

MAIN DATA

Gross tonnage	5,005 GT
Length overall	97.50 m
Breadth	21.60 m
Moulded depth	7.60 m
Max. draught empty	3.90 m
Max. draught Int. load line	5.70 m
Max. draught dredging load line	7.10 m
Carrying capacity (D.W.)	8,350 t
Hopper capacity	5,600 m^3
Suction pipe diameter	1,000 mm
Max. dredging depth	33 m
Discharge systems	bottom doors/pump ashore/ rainbow installation
Sailing speed loaded	13.0 kn
Total installed power	6,700 kW (3 x 2,025KW + 1 x 520KW + 1 x 105KW)
Sand pump output	4,000 kW
Jet pump output	700 kW
Pump ashore output	4,000 kW
Propulsion power sailing	4,000 kW
Bow thruster	450 kW

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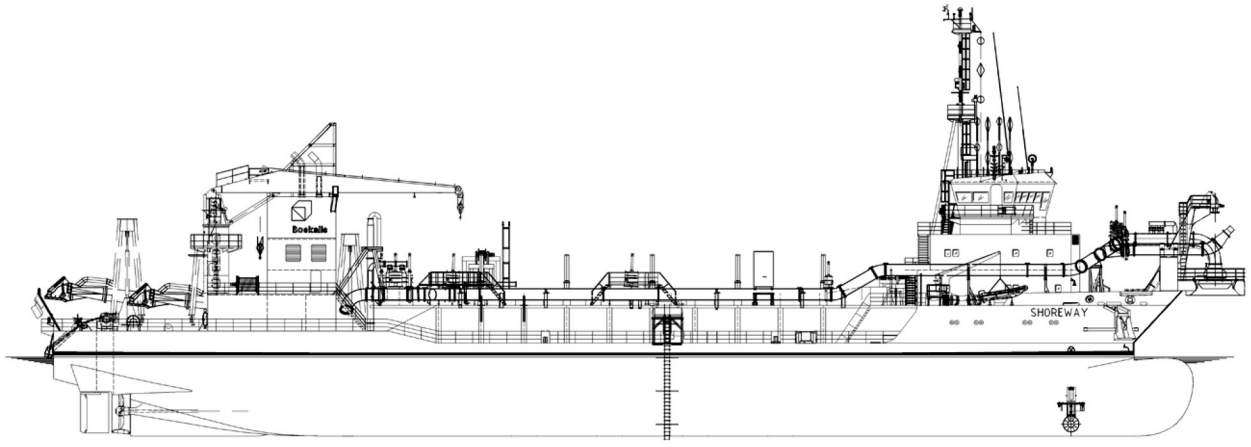
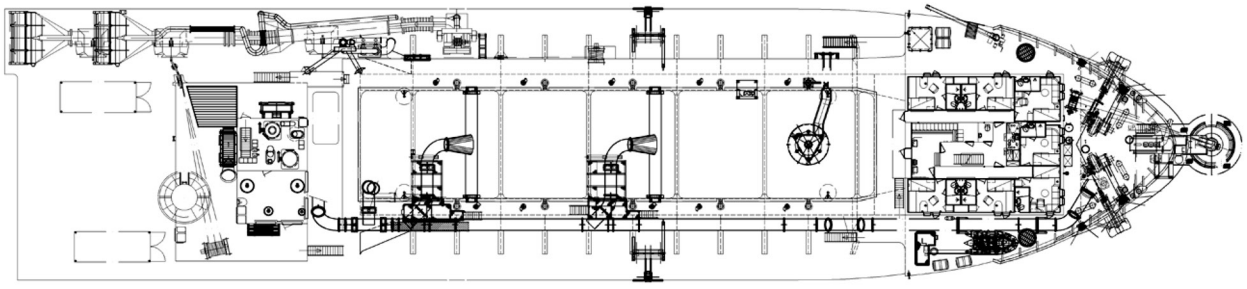


SIDE VIEW



TOP VIEW DECK LEVEL

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