



EQUIPMENT SHEET

CRESTWAY

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 m³

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 2,025 kW + 1 x 520 kW + 1 x 105 kW)

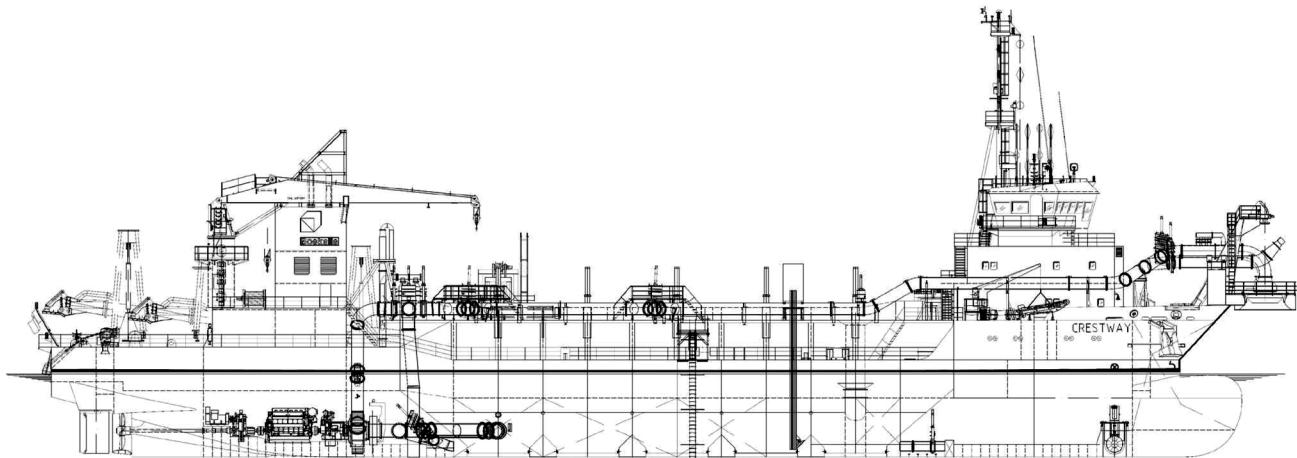
Sand pump output 4,000 kW

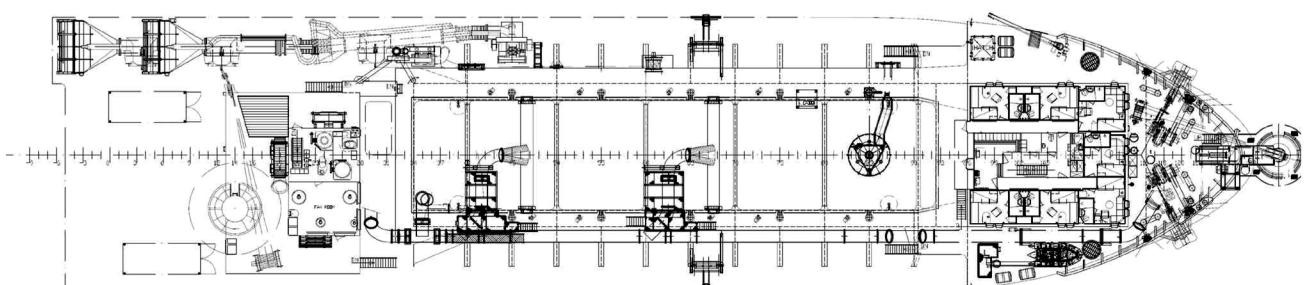
Jet pump output 700 kW

Pump ashore output 4,000 kW

Propulsion power sailing 4,000 kW

Bow thruster 450 kW



SIDE VIEW

TOP VIEW DECK LEVEL