



CONSTRUCTION / CLASSIFICATION

Built by	Mitsubishi Nagasaki Shipyard and Engine Works
Converted by	Schelde Shipyard, Vlissingen, The Netherlands
Year of construction	1983
Year of conversion	1999
Registration	Vlissingen, The Netherlands
Classification	Lloyd's Register of Shipping DP Class 2

FEATURES

Rock installation capacity abt. 1,500 t/h
Installation depth 1,500 m through fallpipe with inner diameter 640 mm
Rock Side Dumping Unit (RSDU) for rock installation: <ul style="list-style-type: none"> ▪ Close to structures ▪ In shallow water ▪ Of larger rock grading, up to 1,000 kg
Optional: DP grab installation (16 m ³) up to 1,000 m water depth
Optional: Fallpipe with inner diameter 1,000 mm

RSDU FEATURES

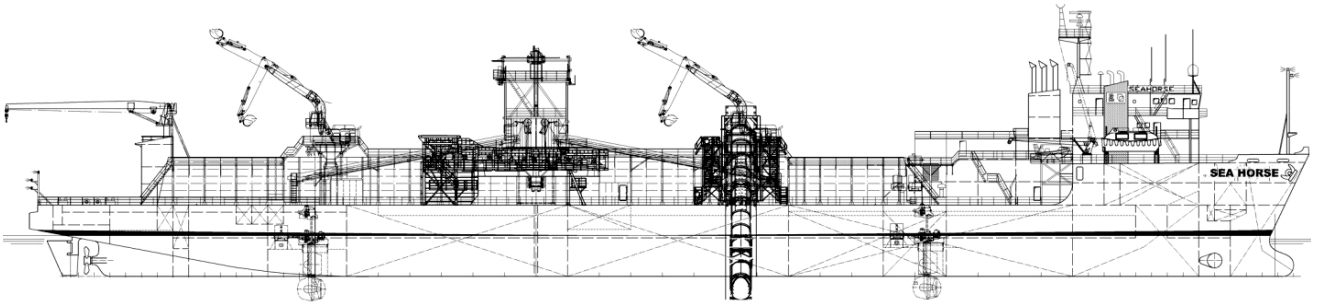
Survey frame equipped with multibeam echo-sounder, 3D echoscope
Fully automated hydraulic translate system to lower and recover the RSDU
Horizontal Transport Unit (HTU) to transfer rock from the aft hold to the forward hold

MAIN DATA

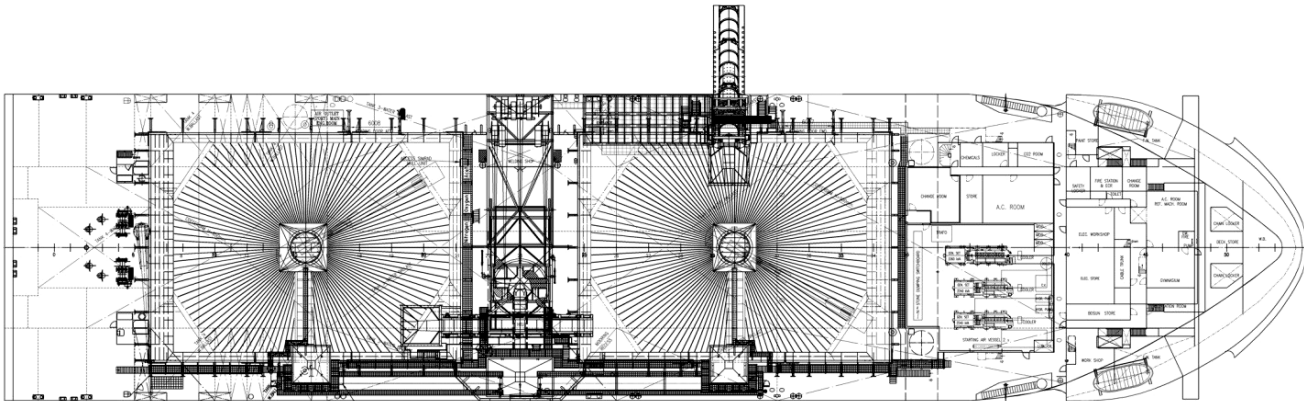
Dynamic positioning system	DP-2
Positioning system	DGPS, HiPAP, Fanbeam and Radascan
Length overall/breadth	162 m/38 m
Moulded depth	9 m
Draught	6.34 m
Cargo capacity	17,500 t
Displacement	28,734 t
Sailing speed	13.0 kn
Total installed power	14,474 kW
Main engines	6,524 kW
Main propellers	2x 3,220 kW
Azimuth thrusters	4x 1,000 kW
Bow thruster	1x 600 kW
Power for azimuth thrusters	2x 1,860 + 1x 2,790 kW
Auxiliary Power	3x 480 kW diesel generators

RSDU MAIN DATA

Length overall	27 m
Length bellow water	9 m
Distance to hull	11 m
Inner diameter	2.2 m
Depth bellow draft	3 m



SIDE VIEW



TOP VIEW DECK LEVEL