

# EQUIPMENT SHEET

## SEAHORSE

DYNAMICALLY POSITIONED FALLPIPE VESSEL



### 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. 1500 t/h
Installation depth 1500 m through fallpipe with inner diameter 640 mm
Rock Side Dumping Unit (RSDU) for rock installation: <ul style="list-style-type: none"> <li>Close to structures</li> <li>In shallow water</li> <li>Of larger rock grading, up to 1000 kg</li> </ul>
Optional: DP grab installation (16 m <sup>3</sup> ) up to 1000 m water depth
Optional: Fallpipe with inner diameter 1000 mm

### RSDU FEATURES

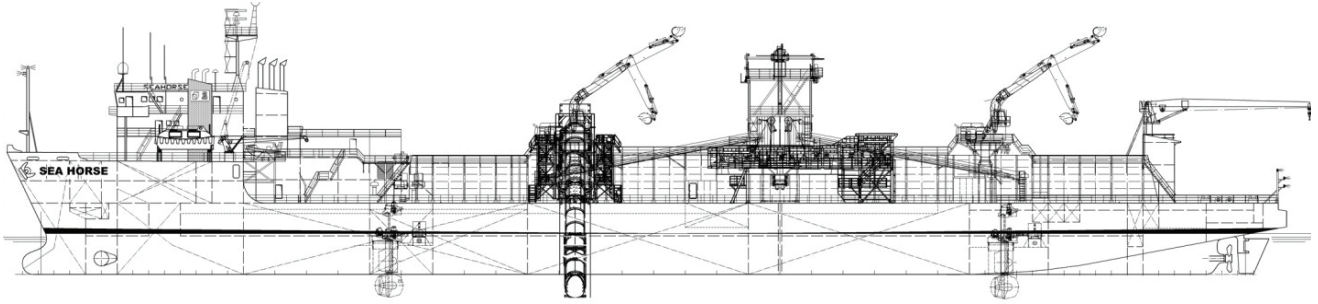
Survey frame equipped with Multibeam Echo-sounder, 3D echoscope
Fully automated hydraulic translate system to lower and recover the RSDU
Horizontal Transport Unit (HTU) to transfer rock from the aft hold to the forward hold

### MAIN DATA

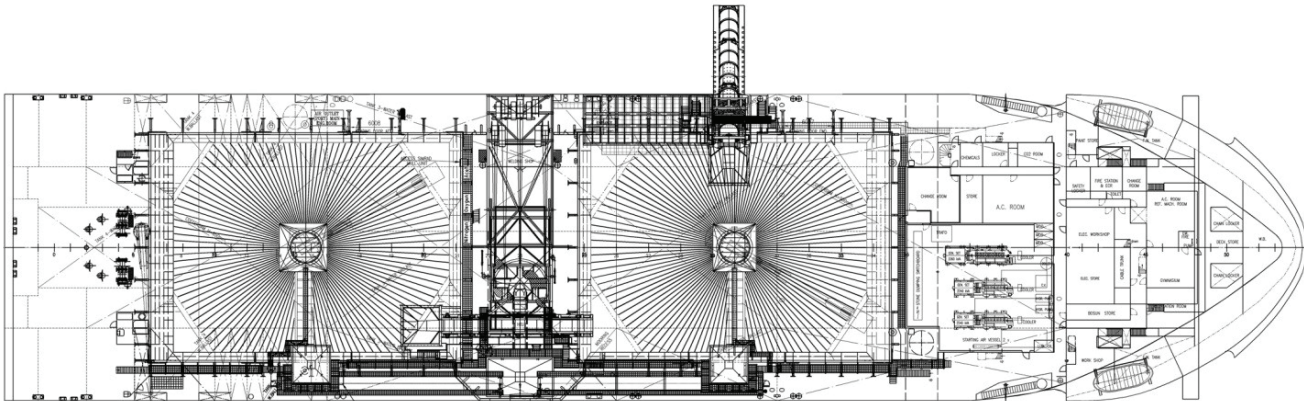
Dynamic positioning system	DP-2
Positioning system	DGPS, HiPAP, Fanbeam and Radascan
Length overall / Breadth	162 m / 38 m
Moulded depth	9 m
Draught	6.34 m
Cargo capacity	17,500 t
Displacement	28,734 t
Sailing speed	13.0 kn
Total installed power	14,474 kW
Main engines	6,524 kW
Main propellers	2 x 3,220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