

Fallpipe Rock Installation Vessel **Odin R**



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Odin R is a versatile, 2022-built DP2 fallpipe rock installation vessel, capable of installing large rocks in water depths of 100+ metres with a state-of-the-art, ROV-free over-the-side fallpipe system.

Odin R is equipped with an 1800mm fallpipe that allows for motion compensated installation of large armour rock up to 450kg mass in water depths of 55+ metres. This fallpipe can be incline up to 20m from the side of the vessel, thereby allowing high accuracy rock installation with ample horizontal safety clearance to nearby fixed assets, such as wind turbines, jackets or offshore substations.

A water depth optimised configuration includes a 1200mm fallpipe that allows the installation of armour rock up to 180kg in water depth of over 100 metres.

The depth of the fallpipe is efficiently controlled with a telescopic end piece that allows for quick, interchangeable water depths within a 20m stroke distance.

Odin R is equipped with a hull-mounted MBES survey system and double positioning of the fallpipe tip (acoustic/USBL and mechanical positioned). The advanced Furuno CI- 68 system allows for precise tracking of current speed and direction at installation depths.

With two agile Sennebogen 885 material handlers, Odin R is capable of rock installation up to 1500 ton/hr while the rock production is continuously monitored from the conveyor-belt systems.

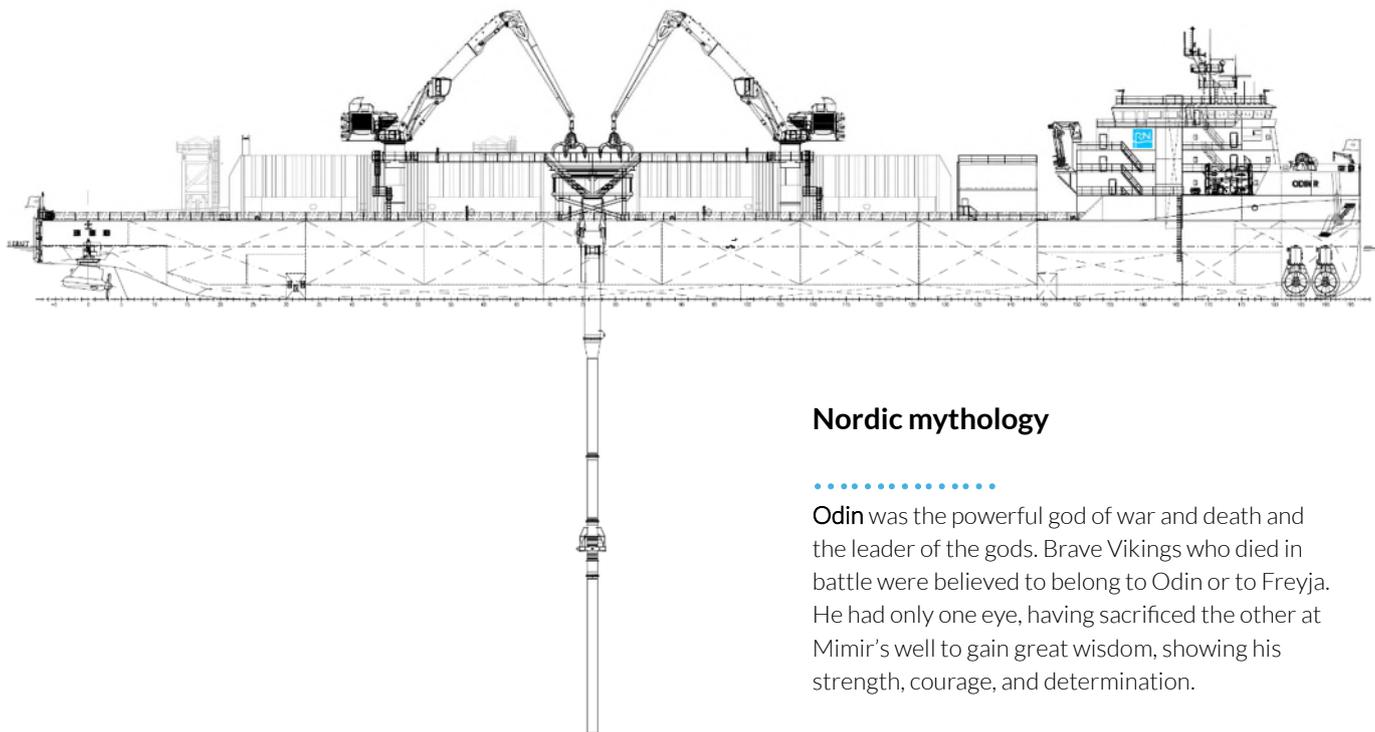
Odin R comfortably accommodates Client Representatives with modern cabins, facilities and offices available.

SAFEGUARDING TOMORROW



Specifications

IMO.....	99914379	Draught loaded.....	6.50m
Call sign.....	9AA6176	Deck load.....	20t/m ²
MMSI.....	238056000	Main Engine.....	4 x 2,500kW
Deadweight.....	22,50000T	Generators.....	3 x 960kW Cat C32
Gross tonnage.....	15,994GT	Total power installed.....	12,880kW
LOA.....	160.00m	Propulsion.....	2 x bow thruster front + 2 x Azi pod aft
Breadth.....	36.00m	Speed empty.....	12kn
Rock capacity.....	18,000T	Speed loaded.....	9kn
Fallpipe size.....	1,200/1,800mm	Flag.....	Danish
Max rock size.....	LM _A 60-300kg	Class.....	DNV
Fallpipe operational depth....	Up to 100m		
Accommodation.....	35 persons		



Nordic mythology

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Odin was the powerful god of war and death and the leader of the gods. Brave Vikings who died in battle were believed to belong to Odin or to Freyja. He had only one eye, having sacrificed the other at Mimir's well to gain great wisdom, showing his strength, courage, and determination.

SAFEGUARDING TOMORROW

