

Illustration of the vessel



Fallpipe Rock Installation Vessel

Odin R

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 inclined 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 depths of over 100 metres.

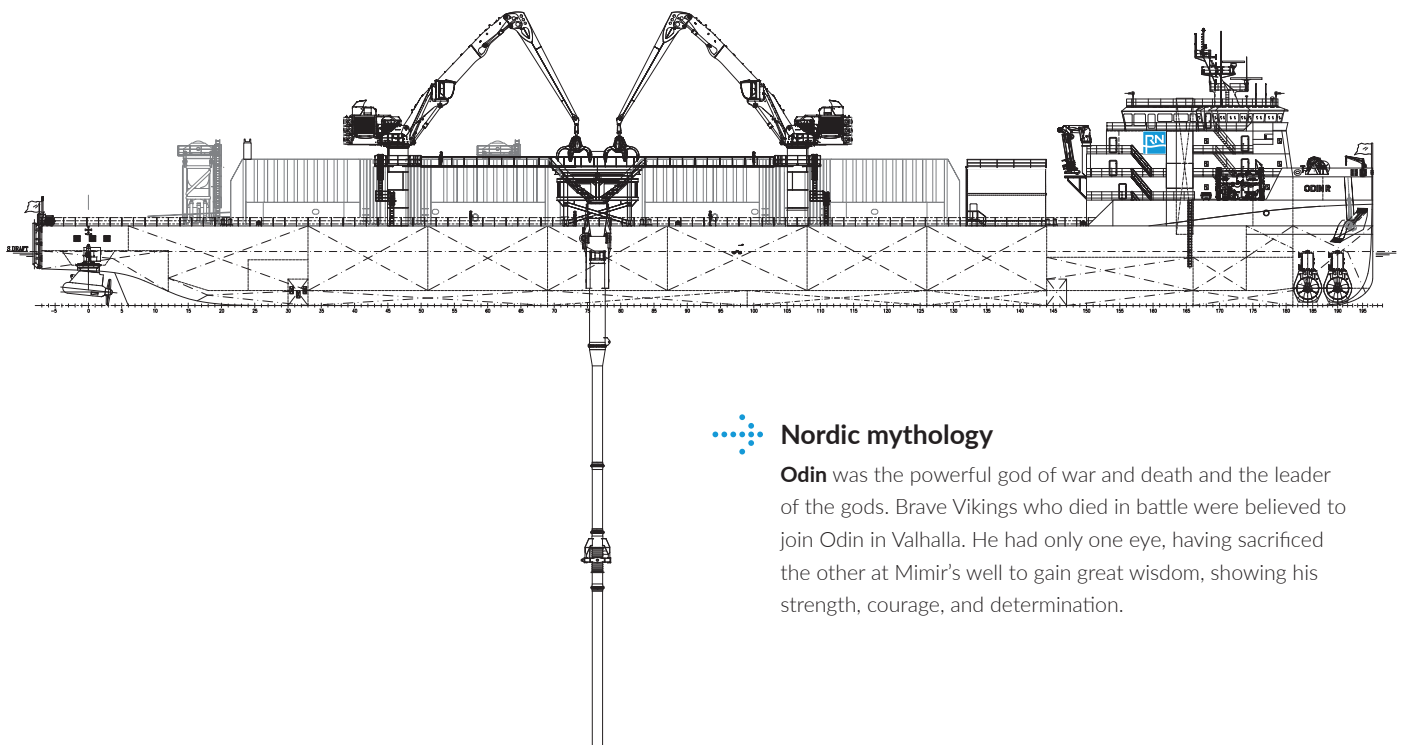
The depth of the fallpipe is efficiently controlled with a telescopic end piece that allows for quick, interchangeable water depths within a 20m stroke distance.

Odin R is equipped with a hull-mounted MBES survey system and double positioning of the fallpipe tip (acoustic/USBL and mechanically 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.

Specifications

IMO	9991379	Draught loaded	6.3m
Call sign	OULV2	Draught unloaded	4.2m
MMSI	219034956	Main engine	4x2,525kW
Gross tonnage	16,289GT	Bow thruster	2x450kW
LOA	160.0m	Total power installed	12,880kW
Breadth	36.0m	Speed ballast	10.5kn
Rock capacity	18,000t	Speed loaded	9.0kn
Fallpipe size	Ø 1,200/1,800mm	Flag	Danish
Rock size	LM _A 60-300kg	Class	DNV
Fallpipe operational depth	>100.0m	Cranes	2 x Sennebogen 885G
Accommodation	35 single cabins		



Nordic mythology

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