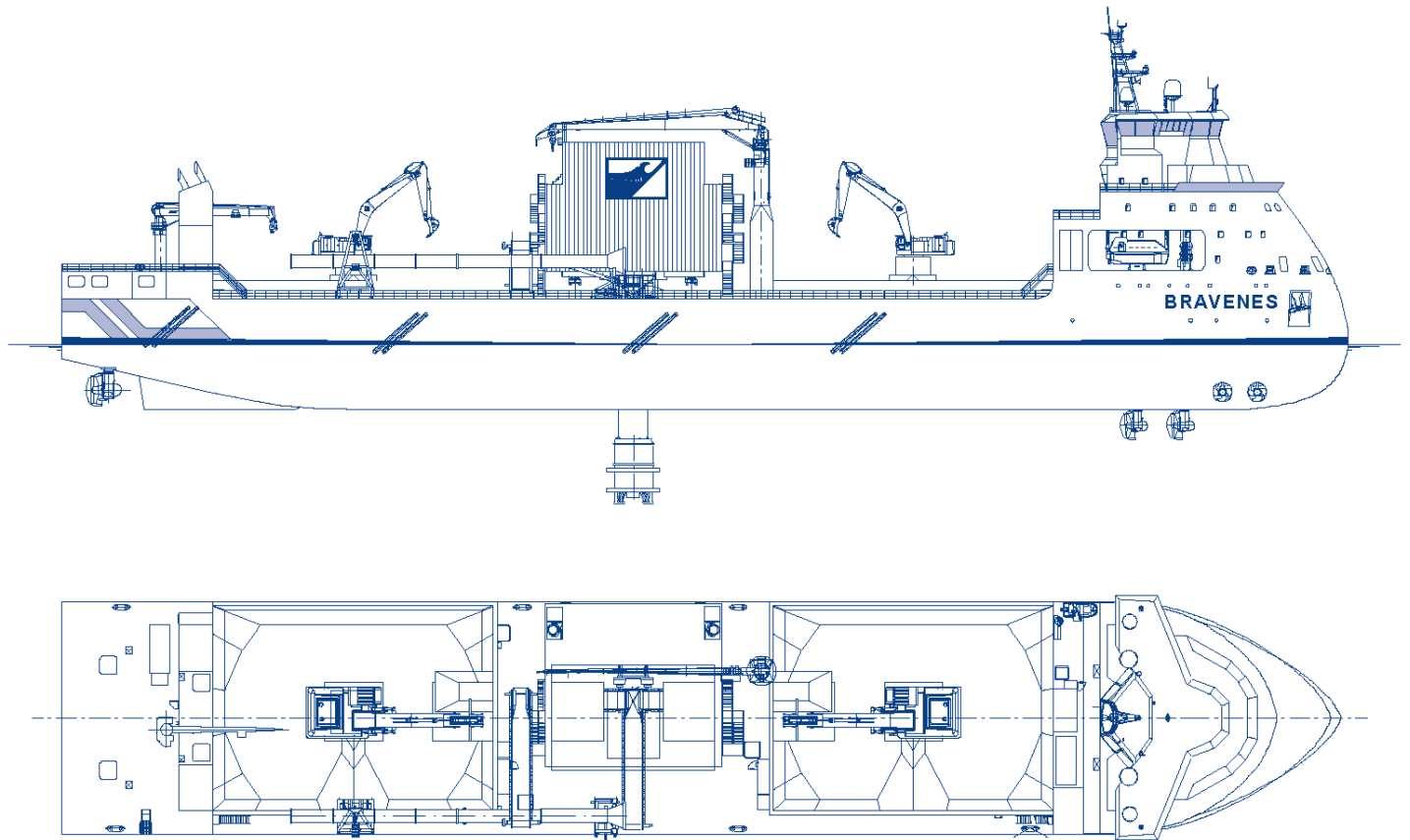




Equipment

Subsea Rock Installation vessel Bravenes



Bravenes

Name	Bravenes
Type	Subsea Rock Installation vessel
Classification	Bureau Veritas, I ✕ HULL ✕ MACH ✕ AUT-UMS ✕ SYS-NEQ-1 ✕ DYNAPOS - AM/AT-RS - SP60, Special Service, Rock Installation Ship, Green passport, Inwatersurvey, Cleanship BWT, Ice Class 1A, Cold DI, Polar Class 7, Unrestricted navigation
Year of construction	2017
Dimensions	Length overall 154.40 m Breadth moulded 28.00 m Moulded depth 13.30 m Draught 9.00 m
Loading capacity	Approximately 14,600 tonnes
Deadweight	15,500 tonnes
Speed loaded	11 kn
Propulsion	6,200 kW
Bow thrusters	2 x 1,500 kW
Retractable thrusters	2 x 2,000 kW
Total power installed	16,394 kW

Dynamic positioning	DP Class 3
Accommodation	60 persons
Bunkers	Heavy fuel oil 1,500 m ³ Marine gas oil 500 m ³ Fresh water 170 m ³
Flexible fallpipe	ø 1.1 m
Remotely Operated Vehicle ROV	At the end of the fallpipe 6 x 75 kW
Installation modus	Fallpipe through moonpool, fallpipe over the side, tremie pipe over the side
Installation depth	Up to 600 m
Discharge rate	Up to 2,000 t/h
Handling large rock	Up to 300 kg

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