

Nexans Aurora

Cable Laying Vessel



Illustration: Skipsteknisk

GENERAL VESSEL INFORMATION

Owner	Nexans Norway AS
Shipyard	Ulstein Verft AS
New build No.	314
Delivery	2021
IMO No.	9862059
Ship Design	Skipsteknisk AS / Type ST-297 CLV

BRUNVOLL DELIVERY

Tunnel Thruster	Bow 1 x FU115LTC3000-3100kW
Azimuth Propulsion	Stern 3 x AUP115ZNC2900-3200kW
Retractable Azimuth	Bow aft 1 x AR115LNC2900-3000kW
Control System	BruCon

Brunvoll Azimuth Propulsion Units and DP Thrusters

This DP3 Cable Laying Vessel is specially designed for operation under severe weather conditions, and with high maneuverability and station keeping capabilities. The vessel will be outfitted and prepared for Power Cable laying included bundle laying, Cable jointing and Repair, Cable system protection and trenching. She has a length of 149.90m and accommodation for 90 persons.

Brunvoll's delivery consists of three azimuth propulsion units with propeller in nozzle, two tunnel thrusters and a retractable azimuth thruster.

All units are of CPP type and run at variable rpm. Using simultaneous rpm and propeller pitch control, so-called combinator control, provides several benefits, including improved manoeuvrability, reduced noise and vibration levels aboard, lower noise into the sea, and reduced energy consumption.

Brunvoll's delivery also includes the BruCon control, alarm and monitoring system for all thrusters with a state-of-the-art redundant bridge system with high-quality user interface.