

# Nexans Aurora

## Cable Laying Vessel

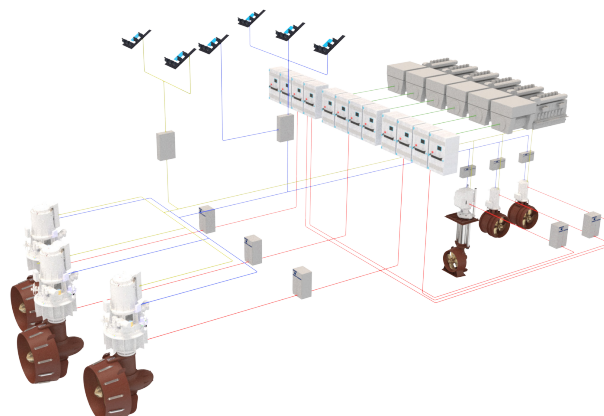


### VESSEL INFORMATION

Owner	Nexans Norway AS, Norway
Shipyard	Ulstein Verft AS, Norway
Hull Number	314
Year Built	2021
IMO Number	9862059
Ship Design	Skipsteknisk AS, Norway
Class	DNV - Ice C
Prime mover	Bergen Engines
Type: Bergen Engines Power: 3600 kW x 6 IMO Tier III	

### BRUNVOLL SUPPLY

Propulsion	3x Azimuth AUP115 ZNC2900, 3200 kW
Retractable Azimuth Thruster	Bow aft: 1x AR115 LNC2900, 3000 kW
Tunnel Thruster	Bow: 1x FU115 LTC3000, 3100 kW
Control System	BruCon Propulsion and Thruster Control



### Azimuth Push Ducted Propulsion System

The propulsion system consist of three azimuth propulsion thrusters with propellers in nozzle. The manoeuvring system consist of one tunnel thruster and one retractable azimuth thruster.

The BruCon propulsion and thruster control is controlling all units from one system platform. All units are of CPP type and run at variable speed. By using simultaneous rpm and propeller pitch control in combinator mode, the system provides several benefits including improved manoeuvrability, reduced noise and vibration levels aboard, lower noise into sea, and increased energy efficiency.