

Polarcus Naila

14 streamer 3D/4D seismic vessel

Overview

Delivered in 2010 Polarcus Naila is an ultra-modern 14 streamer 3D/4D seismic vessel. Built to the ULSTEIN SX124 design and incorporating the innovative ULSTEIN X-BOW® hull, this vessel combines the latest developments in maritime systems with the most advanced seismic technology commercially available. The vessel is also amongst the most environmentally sound seismic vessels in the market with diesel-electric propulsion, high specification catalytic converters, double hull, and advanced bilge water cleaning system. This vessel complies with the stringent DNV CLEAN DESIGN notation.

Vessel

• Design	ULSTEIN SX124
• Builder	Drydocks World Dubai LLC
• Date Built	2010
• Flag	Bahamas
• Classification	DNV 1A1, SPS, BWM-T, TMON, SF, E0, DYNPOS-AUTR, CLEAN DESIGN, COMF-V (3), ICE-C, NAUT-AW, HELDK
• Helideck	Sikorsky S-61N / S-92
• Length Overall	91.0m
• Beam	19.0m
• Max Draft	7.5m
• Gross Tonnage	6667t
• Propulsion	Diesel Electric
• Maximum Speed	15.0 knots
• Bollard Pull	155t
• Fuel Capacity	1,540 m3 gas-oil
• Main Engines	6 x Wartsila 9L20, MCR rating 1800kW at 1000rpm
• Main Propulsion	2 x Berg CPP at 3700kW
• Bow Thrusters	1 x Brunvoll tunnel thruster at 1200kW 1 x Brunvoll retractable azimuth thruster at 850kW
• Stern Thruster	2 x 400kW
• DP System	Kongsberg K-Pos DP-21 - DP11
• Berths	60, including 23 single cabins

Navigation & Positioning

• Radar plants	S-band ARPA radar X-band ARPA radar
• Navigation	ECDIS chart system, DGPS

Communications

• Primary	GMDSS A4
• Secondary	Inmarsat F Fleet-77
• Communication	VSAT

Seismic Systems

• Seismic Source	Bolt Technology 1500-LL/1900-LLXT dual sources
• Marine Compressor	3 x LMF Compressors
• Streamers	14
• Streamer Type	Sercel Sentinel solid streamers
• Acquisition System	Sercel Seal Marine Data Acquisition System
• Navigation System	ION Orca
• Streamer Positioning	SERCEL Nautilus® steering system
• Source Controller	Seamap GunLink 4000 fully distributed digital gun controller

