



NAO GUARDIAN



INFORMATION

Vessel Name	NAO GUARDIAN
Vessel Call sign	LDJV
IMO No.	9665114
Ship Owner	Nordic American Offshore Limited
Port of registry	Aalesund
Building year	2013
Yard	Ulstein Yard, Norway
Design	Ulstein PX 121

CLASS:

DNV GL: *1A1 ICE-C Offshore Service Vessel Supply SF LFL* COMF-V(3)C(3) E0 DYNPOS-AUTR
NAUT-OSV(A) CLEAN DESIGN DK(+) HL(2.8)

SPECIFICATIONS

NAO GUARDIAN is a Platform Supply Vessel, designed and built by ULSTEIN. The hull form, with the ULSTEIN X-BOW®, combined with diesel electric propulsion system, ensures the best performances with regard to fuel consumption, sea keeping, station keeping, and speed. The main propulsion system comprises two azimuth pulling thrusters, each driven by frequency controlled variable speed electric motor.

One retractable azimuth thruster and two tunnel thrusters forward are installed, ensuring the vessel to obtain the best station keeping capabilities with ERN[99,99,99,89]. The vessel is equipped, built and certified according to IMO Class II for Dynamic Positioning

MAIN PARTICULARS:

Length overall	83,40 m
Length between p.p.	76,50 m
Breadth moulded	18.00 m
Depth main deck	8,00 m
Max. load line draft midship	6.70 m
Max Speed (at T=4,5 m, approx)	15,6 knots
ERN	99.99.99.89

ACCOMMODATION:

Accommodation and equipment for 23 persons

CAPACITIES:

Cargo deck area (free area - 10T/5T/m ²)	850 m ²
Deck cargo (COG=1.0 above main deck)	2 240 t
Deadweight	4 200 t

MAIN ENGINES & GENERATOR SETS:

2 off main diesel engines, 2 250 ekW each, 690 V, 1 800 rpm
2 off main diesel engines, 940 ekW each, 690 V, 1 800 rpm

EMERGENCY GENERATOR SET:

1 off emergency generator set, 187 ekW, 690 V, 1 800 rpm

THRUSTER:








3 off el. driven side thrusters forward:
2 x Tunnel thrusters, 880kW, 0-1200 RPM
1 x Azimuth retractable thruster, 880 kW, 1800RPM

MAIN PROPULSION:

2 off azimuth thrusters, el. driven frequency controlled propellers and water cooled drives.
Power: 2 200 ekW each

DECK EQUIPMENT:

1 off Hydraulic deck/ provision crane, 3T 18M

	Fuel oil	1474,4m ³
	Base oil	259,5 m ³
	Water Ballast / Drill Water	1599 m ³
	Fresh Water	1033,5 m ³
	Dry Bulk	254,7 m ³
	Mud / Brine	1307,2 m ³
	Methanol	153,7 m ³

