

# NAO VIKING



## INFORMATION

|                  |                                  |
|------------------|----------------------------------|
| Vessel Name      | NAO VIKING                       |
| Vessel Call sign | ZCEN8                            |
| IMO No.          | 9722522                          |
| Ship Owner       | Nordic American Offshore Limited |
| Port of registry | Hamilton                         |
| Building year    | 2015                             |
| Yard             | Ulstein Yard, Norway             |
| Design           | Ulstein PX 121                   |

### CLASS:

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

Built acc. to NMD Rescue (200)

# SPECIFICATIONS

NAO Viking 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 <sup>2</sup> ) | 850 m <sup>2</sup> |
| 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 <sup>3</sup>  |
|  | Base oil                    | 259,5 m <sup>3</sup>  |
|  | Water Ballast / Drill Water | 1599 m <sup>3</sup>   |
|  | Fresh Water                 | 1033,5 m <sup>3</sup> |
|  | Dry Bulk                    | 254,7 m <sup>3</sup>  |
|  | Mud / Brine                 | 1307,2 m <sup>3</sup> |
|  | Methanol                    | 153,7 m <sup>3</sup>  |
|   | ORO CAPACITY                | 1023 m <sup>3</sup>   |

