North Sea Atlantic is a Multipurpose Offshore Construction Vessel designed by Skips-teknisk. The vessel is specially designed for operation under severe weather conditions and with high maneuverability and station keeping capabilities.

### #01 MAIN CHARACTERISTICS

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Length over all</td>
<td>144,00m</td>
</tr>
<tr>
<td>Length between p.p.</td>
<td>126,70m</td>
</tr>
<tr>
<td>Breadth moulded</td>
<td>27,00m</td>
</tr>
<tr>
<td>Depth to main deck</td>
<td>11,50m</td>
</tr>
<tr>
<td>Max draft approx.</td>
<td>8,50 m</td>
</tr>
<tr>
<td>DWT at SWL/8,0m</td>
<td>approx. 9300 tons</td>
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<tr>
<td>Deck area aft of hangar</td>
<td>1900 m²</td>
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</table>

### #02 OPERATIONS

The vessel is prepared for the following duties:
- Pipelaying or cablelaying through moonpool or over stern.
- ROV operations like pipeline/route survey.
- Sub-sea installation works through moonpool and over shipside.
- Crane operations for bottom positioning of modules.
#03 TANK CAPACITIES
- Fuel oil: approx. 2100 m³
- Potable water: approx. 600 m³
- Technical water: approx. 1200 m³
- MEG Tanks: approx. 300 m³

#04 ANTI-ROLLING TANKS
- Two passive anti rolling tanks
- Anti heeling tank system for crane operations

#05 CLASS

#06 SPEED
- Max speed at 6.0 m draft: approx. 15.0 knots

#07 ACCOMMODATION
- Accommodation in total:
  - 120 men in single and double cabins
  - Messroom with self-serving area
  - 3 lounges
  - Meeting rooms, offices etc. on various decks
  - Hospital, recreation area and Gym
  - Helideck reception area

#08 MAIN PROPULSION SYSTEM
- Diesel electric propulsion plant
- Two azimuth propellers for main propulsion, output of 4.5 MW each

#09 POWER GENERATING PLANT
- 4 x 4220 ekW diesel generators
- 1 x 1200 ekW harbor generator
- 1 x emergency generator

10 TUNNEL THRUSTERS/ AZIMUTHS
- Two electric driven tunnel thrusters in bow, each 2200 kW
- Two electric driven azimuth thrusters in bow, each 2000 kW

#11 HELIDECK
- Rules: CAA CAP437 / DnV /NOR BSL D 5-1
- Diameter helideck abt. 26+m

#12 DECK EQUIPMENT
- 1 x 550t@12m (Subsea mode) boxboom crane with 3000m wire.
- 1 x 50t/15m AHC offshore crane
- 1 aux. crane, stb, 6t/15m
- 4 capstans, each 5 t
- 2 cranes for provision handling 2t/16m
- 1 underdeck carousel, 20m 2000t capacity, and prepared for 1 deck-mounted carousel 20m 2000t capacity.

#13 ROV-AREA
- Hangars for port and stb. launching of WRVO's
- ROV workshops and maintenance area
- Online/offline rooms, control room, offices, meeting rooms etc.

#14 NAVIGATION AND RADIO COMMUNICATION
- Equipment according to GMDSS regulations, Area 3
  - Two radars, Three Gyro Compasses
  - Auto pilot
  - Electronic Chart system
  - ECDIS
  - Calling, Command, Teleph.System +CCTV
  - Echosounders etc.
#15 DYNAMIC POSITIONING SYSTEM
- Dual redundant Dynamic Positioning System (AUTRO/DP3)
- 2 x Acoustic pos. units (HIPAP with extended poles)
- HAIN
- 3 x DGPS
- 2 x Seapath 300
- Radius 1000 – 360 deg coverage
- SpotTrack
- 4 x MRUs

#16 MOONPOOL
- One main moonpool of 7,2m x 7,2m
- Main moonpool is strengthened for pipelaying and module handling tower.

#17 SAFETY EQUIPMENT
- 2 x Rescue boats / MOB boats
- 2 x 130 men lifeboats
- According to SOLAS for the specified class and number of crew
- Stability according to IMO RES. MSC 266 (84) code of safety for special purpose ships 2008