- ENVIRONMENTAL FRIENDLY CONSTRUCTION VESSEL:
- HYBRID BATTERY SYSTEM - ENABLES DP 3 OPERATION WITH ONE DIESEL GENERATOR RUNNING - OPEN BUS AC
- EFFICIENT POWER AND PROPULSION SYSTEM – VERY LOW FUEL CONSUMPTION ON DP
- SCR SYSTEM – REMOVES 90% OF NOx
- HIGH STATION KEEPING CAPABILITY - LARGE OPERATING WINDOW
- UNRIVALLED REDUNDANCY – 3 INDEPENDENT SYSTEMS
- CRANE CAPACITY – 400T AND 50 T AHC CRANE 400T AHC HEAVY WEATHER OVER SIDE SPESIAL HANDLING SYSTEM
- LARGE OPEN DECK AREA + PROTECTED AREA IN HANGAR
- 2 x INTEGRATED WROV SYSTEMS
- SPS CLASS
WORK SCOPE

- Cable Laying
- Pipe Laying
- Subsea Construction
- IMR and ROV support
- Well Intervention
- Accommodation – Walk To Work

- Diesel electric propulsion system – Total machinery capacity 21,000 kW
- 5 x Voith Schneider Propellers
- Kongsberg DP III system
- Main Deck Clear Area 2200 m², Main Deck Sheltered 500 m²
- Moonpool, 7,2m x 7,2m
- 2 x WROV in hangars and integrated ROV control rooms
- Offshore crane 400T, 2600m, AHC
- Offshore crane 50T, 2000m, AHC
- Battery POWER
- Dynpos AUTRO + Dynpos ER
- SPS Class
- Comfort class V3, Clean Design
- Helideck D-value 20,88m (Sikorsky S92)
- 120-man Accommodation
### MEASUREMENTS

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length L.o.a</td>
<td>153.6 m</td>
</tr>
<tr>
<td>Length Lbp</td>
<td>144.0 m</td>
</tr>
<tr>
<td>Breadth</td>
<td>30.0 m</td>
</tr>
<tr>
<td>Dept Main deck</td>
<td>10.7 m</td>
</tr>
<tr>
<td>Max. Draft</td>
<td>7.5 m</td>
</tr>
<tr>
<td>DWT</td>
<td>Apr. 12705T</td>
</tr>
<tr>
<td>Gross tonnage</td>
<td>Apr. 18151T</td>
</tr>
<tr>
<td>Deck load</td>
<td>Apr. 8800T</td>
</tr>
</tbody>
</table>

### CRANES

<table>
<thead>
<tr>
<th>Crane</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>MacGregor 400T AHC Knuckle boom</td>
<td>400t @ 13m, 380t @ 14m, 358t @ 15m, 335t @ 16m, 316t @ 17m, 291t @ 18m, 273t @ 19m, 255t @ 20m</td>
</tr>
<tr>
<td>MacGregor 50T AHC Knuckle boom</td>
<td>50t @ 15m, 37t @ 16m, 25t @ 17m, 23t @ 20m, 19t @ 26m, 15t @ 32m</td>
</tr>
</tbody>
</table>

### CLASS NOTATIONS

- DNV GL, +1A1, HELDK, DYNPOS-AUTRO, DYNPOS-ER, E0, BATTERY POWER, CRANE DK(+), COMF-(V3), NAUT-OSV, CLEAN DESIGN

### DECK CAPACITIES

- Main Deck Total Area: 2900 m²
- Main Deck Clear Area: 2200 m²
- Main deck strength: 10 T/m²
- Main Deck Sheltered Area: 500 m²

### MACHINERY

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main engines</td>
<td>6 x GE</td>
<td>3500 kW</td>
</tr>
<tr>
<td>Main Generators</td>
<td>6 x Leroy</td>
<td>3500 kW</td>
</tr>
<tr>
<td>SCR System</td>
<td>6 x H+H</td>
<td>90% NOx reduction</td>
</tr>
</tbody>
</table>

### HYBRID BATTERY SYSTEM

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Capacity</td>
<td>3 x 678 kWh</td>
</tr>
<tr>
<td>Virtual Generators</td>
<td>2 x 2700kW</td>
</tr>
<tr>
<td></td>
<td>1 x 1500kW</td>
</tr>
</tbody>
</table>

### PROPULSION AND THRUSTERS

<table>
<thead>
<tr>
<th>Type</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x Voith Schneider Aft</td>
<td>3800 kW</td>
</tr>
<tr>
<td>2 x Voith Schneider Fwd</td>
<td>3800 kW</td>
</tr>
<tr>
<td>1 x RR tunnel Fwd</td>
<td>2000 kW</td>
</tr>
</tbody>
</table>

### TANK CAPACITY

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Oil</td>
<td>2000 m³</td>
</tr>
<tr>
<td>FW</td>
<td>1000 m³</td>
</tr>
</tbody>
</table>

### ANTI-ROLL SYSTEM

- Roll Reduction tanks: 3x Passive

### HELIDECK

- D-value 20.88m (Sikorsky S92)
# NORTH SEA GIANT SHORT SPECIFICATION

North Sea Shipping AS, Kvaløya 18, N-5385 Bakkasund. Phone: +47 55 08 88 00

## ACCOMMODATION
- **Single cabins**: 58 x
- **2 men cabins**: 31 x
- **Recreation rooms**: 4 x
- **Cinema/Conference room**: 1 x
- **Heli reception**: 1 x
- **Online/Offline room**: 1 x
- **Client Offices**: 10 x
- **ROV Office**: 1 x
- **ROV control room**: 1 x
- **ROV hangar**: 2 x
- **ROV workshop**: 2 x

## SERVICE AIR
- **Tamrotor screw compressor**: 2 x 480m3/h

## FW GENERATOR
- **Alfa Laval**: 2 x 25 m3/d

## INCINERATOR
- **Detagasa**: 1 x IRLA 65

## BALLAST WATER SYSTEM
- **Ballast Pumps**: 2 x 500m3/h
- **Ballast Water Treatment System**: 1 x 250m3/h

## COMMUNICATION EQUIPMENT
- **Dual V-sat system**
- **Telenor LTE 4G system**
- **GSM Repeteres**
- **GSM over VOIP**
- **Clear-Com in client areas**

## LIFE SAVING EQUIPMENT
- **Life Boats**: 2 x 100 pax
- **Life Rafts**: 2 x 25 pax
- **Fast Rescue Boats**: 2 x

## ENTERTAINMENT SYSTEM
- **BASEPORT infotainment system**
- **WiFi coverage in Accommodation**

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![Image of North Sea Giant vessel](image-url)