Normand Subsea, with its module handling system and extensive moonpool deployed ROV suite in an enclosed hangar, is specifically designed for inspection, repairwork and maintenance.

- Capable of launching and recovering ROV's in seastates up to 6m/hs
- Capable of launching and recovering payloads through the Modular Handling System (MHS) in seastates up to 4.5m/hs
- Hanger roof used to mobilise additional equipment for Well Stimulation / Commissioning and HP Jetting Ops. allowing back deck to be utilised for other workscapes
- 100m³ of chemical storage tanks built into the vessel and 20m³ capacity for chemical mixing

**Vessel Info**

- Length 113m x breadth 24m
- Deck area 705m²
- 140t AHC crane
- Module handling tower

- 2x work-class ROVs
- 4x observation class ROVs (1x currently in service)
- Well treatment system

**Fast Facts**

- Our Values
  - Safety
  - Integrity
  - Sustainability
  - Performance
  - Collaboration
  - Innovation

*Full specification overleaf*
### General Information

<table>
<thead>
<tr>
<th>Classification</th>
<th>DNV-1A1, ICE-1C, SF, COMF-V(2) C(2), HELDK-SH, Crane, Deice, E0, Dynpos-Aut, NAUT-OSV(A), Clean Design, DK(+)</th>
<th>Well Stimulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built</td>
<td>Flekkefjord, Norway 2009</td>
<td></td>
</tr>
<tr>
<td>Flag State Authority</td>
<td>Isle of Man Government</td>
<td></td>
</tr>
<tr>
<td>Port of Registry</td>
<td>Douglas</td>
<td></td>
</tr>
</tbody>
</table>

### Principal Dimensions

<table>
<thead>
<tr>
<th>Length</th>
<th>113.05m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breadth</td>
<td>24m</td>
</tr>
<tr>
<td>Depth</td>
<td>11m</td>
</tr>
<tr>
<td>Draught (summer)</td>
<td>6.75m</td>
</tr>
<tr>
<td>Deadweight</td>
<td>6,300t</td>
</tr>
</tbody>
</table>

### Main Deck

<table>
<thead>
<tr>
<th>Deckspace (approx)</th>
<th>705m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deck Strength</td>
<td>10mt/m² on maindeck</td>
</tr>
<tr>
<td></td>
<td>5mt/m² inside hangar</td>
</tr>
</tbody>
</table>

### Tank Capacities (100%)

<table>
<thead>
<tr>
<th>Fuel Oil (approx)</th>
<th>2,315m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh Water (approx)</td>
<td>1,020m³</td>
</tr>
<tr>
<td>Ballast Water (approx)</td>
<td>5,720m³</td>
</tr>
<tr>
<td>Lub. Oil (approx)</td>
<td>30m³</td>
</tr>
</tbody>
</table>

### Power and Propulsion

<table>
<thead>
<tr>
<th>Economical Speed (approx)</th>
<th>12 knots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Engines / Generators</td>
<td>4x Wärtsila 8L32 engines with generators, each 3,690kW (Diesel Electric)</td>
</tr>
<tr>
<td></td>
<td>2x Rolls Royce azimuth, 3,500kW</td>
</tr>
<tr>
<td></td>
<td>1x tunnel forw. Rolls Royce 2,000kW</td>
</tr>
<tr>
<td></td>
<td>2x Rolls Royce retractable azimuth thrusters forw., 1,500kW</td>
</tr>
<tr>
<td></td>
<td>1x tunnel aft Rolls Royce, 1,500kW</td>
</tr>
</tbody>
</table>

### DP Systems

- Kongsberg K-Pos
- 2x Seatex DPS 200 GPS
- 1x Seapath 200 GPS
- 2x Taut wire
- 2x HiPaP 500 (Dual)
- 1x RadaScan

The vessel has DNV notation DYNPOS-AUTR, equivalent with DP Class II, with dual redundant DP system.

The vessel has 3 DP operator stations. 1 main station aft with 2 operator stations and all position reference systems. 1 station forw. with 1 operator station.

Full DP capability operation is also available from port and starboard bridgewing.

### Cranes

- **Main Winch**: 150t at 11m (double fall)
- 140t at 11m (single fall)
- 40t at 30m (single)
- 24t at 32m (slip to slip)
- 12t at 32m

### Well Treatment

- Chemical / Acid Storage: 5 tanks, each 20,000L capacity
- Chemical / Acid Mixing: 2 tanks, each 10,000L capacity
- Injection Pump 1200hp: 1000 l/min 345bar
- Injection Pump 600hp: 320 l/min 345bar

### Module System

Module handling tower for 35t (upgradeable to 60t) deployment/recovery in 4.5m/hs via enclosed moonpool.

Module handling and ROV support to 1,200m depth.

### ROV Systems

The vessel has 6x ROV handling Systems - 2 work-class and 4 eyeball - fully integrated and with active heave compensation.

4 ROV systems deployed from enclosed hanger via moonpools and 2 cursor guided ROV systems deployed from port side.

### Accommodation

- Persons: 90
- State Cabins: 8
- Single Cabins: 34
- Double Cabins: 24
- Hospital: 1

### Life Saving Appliances

- Lifeboats (each): 2
- Liferafts (total capacity): 6
- MOB / FRC: 1 Norsafe

### Comms Systems

The ship is equipped with all necessary installation and systems for communication onboard a vessel, according to rules, regulations and Buyer requirement. Radio installation according to GMDSS-requirements is provided.

- Chemical / Acid Storage: 5 tanks, each 20,000L capacity
- Chemical / Acid Mixing: 2 tanks, each 10,000L capacity
- Injection Pump 1200hp: 1000 l/min 345bar
- Injection Pump 600hp: 320 l/min 345bar

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The Subsea 7 fleet comprises of vessels that have exceptional versatility, capable of operations worldwide including; pipelay, construction, survey, remote intervention, diving support, heavy lifting operations, renewables and decommissioning.