**Seven Atlantic** is one of the most advanced diving vessels in the world.

- Length: 145m x breadth: 26m
- Deck area: 1,200m²
- Accommodation for 150 persons
- Heave compensated 120t crane
- 2x air diving systems
- 2x eyeball ROV systems
- Equipped for well treatment operations
- 24 person twin-bell saturation diving system rated to 350m with two hyperbaric lifeboats

**Fast Facts**

- Can operate without re-supply for up to 60 days
- Increased Fresh Water storage capacity
- Ability to dive in 4.5m significant wave height
- Port and starboard surface dive stations
- Deck load (10t/m²) and a clear load area of (1200m²)
- Ability to carry up to 3,000t deck cargo at a height of 2m above deck

Full specification overleaf.
### General Information

<table>
<thead>
<tr>
<th>Classification</th>
<th>Lloyds Register, -100A1 DSV, UD strength for load of 10 t/m², Heli Landing Area, +LMC, UMS, DP(AAA), CAC(2), EP, ICC</th>
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</thead>
<tbody>
<tr>
<td>Built</td>
<td>Merwede, Holland 2009</td>
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<tr>
<td>Flag State Authority</td>
<td>Isle of Man Government</td>
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</tbody>
</table>

### Principal Dimensions

| Length Overall | 144.79m |
| Breath (moulded) | 26m |
| Depth to maindeck | 7m |
| Deadweight | 8,700t |

### Power and Propulsion

#### Main Engines / Generators
- 6x 3,360kW (Diesel Electric)
- 3x 2,950kW stern azimuth thrusters
- 2x 2,400kW retractable bow azimuth thrusters
- 1x 2,200kW bow tunnel thruster

### Speed / Consumptions

| DP | 17.0-20m³/day |
| Full transit speed | 15.5 knots (55-60m³/day) |
| Normal transit speed | 13.0-13.5 knots (45m³/day) |
| Economical Speed | 12 knots (35m³/day) |
| In port consumption | 8m³/day |

### DP System

#### DP Classification
- DP (AAA) - Class III
- Kongsberg K-pos 22 + as back-up system for Class III, Kongsberg K-pos 12
- 3x DGPS
- 2x HiPAP
- 2x taut wire
- 2x Cyscan
- Radacan
- HPR interface
- Fanbeam interface

#### DP System

#### Reference Systems

### Classification

#### Marine Gas Oil
- 2,289.733m³

#### Fresh Water
- 1,051.592m³

#### Ballast Water
- 4,736.674m³

#### Heeling tanks (55%)
- 663.80m³

#### Stabilising tanks (operational)
- 135m³

#### Technical fw/ waterballast
- 135m³

### Cargo Deck

| Deck Area (main deck) | 1,200m² |
| Deck Strength | 10t/m² |

### Cranes

- Main Deck heave compensated Crane: 120t
- Whip Line: 24t
- Two provision cranes, Auxiliary Deck Crane I & II: 2.5t
- Bow Tunnel Crane: 10t

### Well Treatment

- Chemical/Acid Tanks (5):
  - Injection pumps (1): 20,000 ltr each 1800HP
  - Injection pumps (1): 600HP

### Accommodation

- 150 persons
- Captain Class Cabins: 6
- Officer: 5
- Single Cabins: 9
- Double Cabins: 65
- All cabins with own private facilities, one 2-berth, sick bay

### Life Saving Appliances

- Four davit launched lifeboats: 75 persons each
- Twelve life rafts: 25 persons each
- One life raft: 10 person
- Two hyperbaric lifeboats: 18 persons each

### ROV System

The vessel is fitted with two permanently installed moonpools launching eyeball ROV heave compensated systems rated to 1,200 metres.

### Dive System

The 24-person saturation diving system includes four 3 person twin lock living chambers, two 6 person twin lock decompression chambers and two horizontal transfer under pressure chambers, (chambers are 2.4m internal diameter) 54,000m³ of gas storage and up to six split levels of saturation storage. The system is designed for compliance with Norwegian NORSOK requirements, and features much improved living conditions compared to previous systems. Two Hyperbaric Life Boats are provided (one port and one starboard). The bells have 7m³ internal capacity and are launched through two athwartships moonpools, positioned near the minimum motion point of the vessel. There are two fully integrated air diving systems, including chambers, one port and one starboard.

A comprehensive system of mechanical handling aids is fitted to support saturation and air diving operations, including port and starboard T bars, A-frames, hose reels, tugger winches and umbilical management hoop booms (20m reach from ship side).

### Helideck

Helideck of aluminium construction suitable for regular operations of S61 and S92 helicopters and equipped with a fixed foam fire fighting system in accordance with CAP 437.

### Communications

The vessel is fitted with Inmarsat Fleet 77 and KU Band systems. The KU Band system has the option to be converted to C Band as operational requirements demand. Extensively equipped operations and client office suites; IT network and facilities / video conferencing. The vessel also has dedicated crew WiFi internet access.

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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.