Seven Borealis

Vessel Info

Seven Borealis is a pipelay and heavy lift vessel capable of operating in the world’s harshest environments.

- Length 182m x breadth 46m
- 600t tension S-lay up to 46-inch pipe diameter
- 937t top tension J-lay system up to 24-inch pipe diameter
- 2,800t onboard pipe storage
- Mast crane: capacity main hoist 5,000t; 1,200t heave compensated aux hoist
- Accommodation for 399 persons
- 2x work-class ROVs
- SPS code compliant
- MODU certificate (for POB 260)

Fast Facts

- J-Lay tower with gimballing function extending weather capability
- Proven track record in pipelay, subsea and surface construction, including the renewables sector
- Touch down monitoring capability by ROV at radius of 1,500m from the vessel
- Heave compensated auxiliary hoist with capacity of 1,200t, for use on surface or subsea
- S-lay system configurable for conventional, sliding and swaged Pipe-in-Pipe, with or without piggyback.
### General Information

**Type**
- Pipelay / Heavy Lift
- +1A1 CRANE VESSEL BIS
- CLEAN(Design) DK(+)
- DYNPOS(AutoR) ED HELD(KS, H)
- NAUT(AW) OPPF
- SPS and MODU code compliant
- C6YGB
- Bahamas
- 2012

**Location**
- Type / Power (kW) / Location

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<tr>
<th>Number</th>
<th>Location</th>
<th>Type / Power (kW)</th>
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<tbody>
<tr>
<td>1</td>
<td>Pipelay / Heavy Lift</td>
<td>6 Rolls-Royce B32-40 V12A 720 rpm diesel engines / 5,760kW each</td>
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<td></td>
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<td>1 MTU, V12 4000 Series / 1,600kW</td>
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<td>2</td>
<td>Thrusters for Propulsion and DP / Location</td>
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<td>3</td>
<td>Thrusters for DP</td>
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**Power and Propulsion**
- Main Engines/Generators
- Emergency/Harbour Generator
- Auxiliary Hoist
- Thrusters for Propulsion and DP / Location
- Type / Power (kW)
- Thrusters for DP Number |

### DP Systems

**DP Classification**
- K-POS DP Class III
- 3x Gyros, 3x MRU, 4x wind sensors, 3x DGPS, 2x HiPAP, 1x Radius, 1x Taut Wire + interfaces for extra Taut Wire, 1x Fanbeam, 2x Seafath 320

**Reference Systems**
- 1x SpotTrack

### Pipelaying System

**Rigid S-lay:**
- Max Tension (t)
- Tensioners (No. and type)
- Pipe Range (inches)

**Pipe Range (inches)**
- 36
diameter 15°. Tower can be handled up to 90°

**Main Crane Tugger Winches**
- 2x work-class ROVs, ACV type by Schilling
- 2x work stations. WS1 for welding/NDT, WS2 for NDT/coating

### Accommodation

**Berths (No.)**
- 231 in single / double / 4x man cabins

**Cabins (No.)**
- 127

### Our Differentiators

- Solutions
- Culture
- Creativity
- Relationships
- Reliability
- Solutions

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.

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