Ulisse

CABLE LAYING VESSEL

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Technical specifications

DESCRIPTION

Ulisse is Prysmian Group cable laying vessel that has been engineered for beaching and operate in shallow water, with movements along the cable route by means of a controlled tension 8-point mooring positioning systems and independent 140 T pulling anchor allowing her to meet stringent operational requirements. It is capable of simultaneously lay and burial with a variety of tools including vertical injector, Rock saw, Prysmian Hydroplough.

VESSELS KEY FEATURES

- Classification: ABS +A1, (M)
- Barge Converted in 2015
- 7,000 tons carousel
- Conversion to Cable Lay Barge in 2016
- 7,000 tons Cable Carrousel
- Deck space for a HVDC installation layout and cable jointing facility fitted as required
- 57 persons in 30 single and double cabins
- 8-points mooring positioning system
Technical specifications

PRINCIPLE DIMENSIONS

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Length overall</td>
<td>122.2 m</td>
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<tr>
<td>Breadth moulded</td>
<td>33.50 m</td>
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<tr>
<td>Depth moulded</td>
<td>7.60 m</td>
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<tr>
<td>Summer draught moulded</td>
<td>5.41 m</td>
</tr>
<tr>
<td>Gross Tonnage</td>
<td>10,082 MT</td>
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<tr>
<td>Net Tonnage</td>
<td>3,024</td>
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CABLE OPERATIONS KEY FEATURES

POWER GENERATION

- 4 X Caterpillar Diesel Generators C32, 1175 KVA 994 KW 440 V, 3 Ph 60 Hz
- 1 X Caterpillar Emergency Diesel Generators C9, 288 KVA 269 KW 440 V, 3 Ph 60 Hz m)

MOORING SYSTEMS

- 8 points positional mooring system comprising of winches and swivel head fairleads
- Anchor wire 52 mm dia 1500 m maximum in length, Single drum winches
- Rated pull of each winch 60 T
- Rated holding capacity 140 T

DECK EQUIPMENT

- Cable Carousel: 7,000 tons
- Cable Tensioner: 1x15 and 1x7.5
- Tugger Winches: 2x10
- Electro-Hydraulic Cran: 10 tons
- Knuckle Jib Crane: 3 tons / 10 m

VERTICAL INJECTOR EQUIPMENT

- 2 tons heila crane
- Crane for vertical injector: 300 tons
- Pump for vertical injector: 2xVanheck
- Submersible pumps: 3
- Dedicated ROV locations one at the starboard stern side for observation and light WROV

CONTROL ROOM

- Control cabin with winch control system Constant Tensioner system for mooring winches
- Dive Platform and De-compression chamber
- Dedicated Survey Area at Bridge Level