

# ULISSE

CABLE LAYING VESSEL



## DESCRIPTION

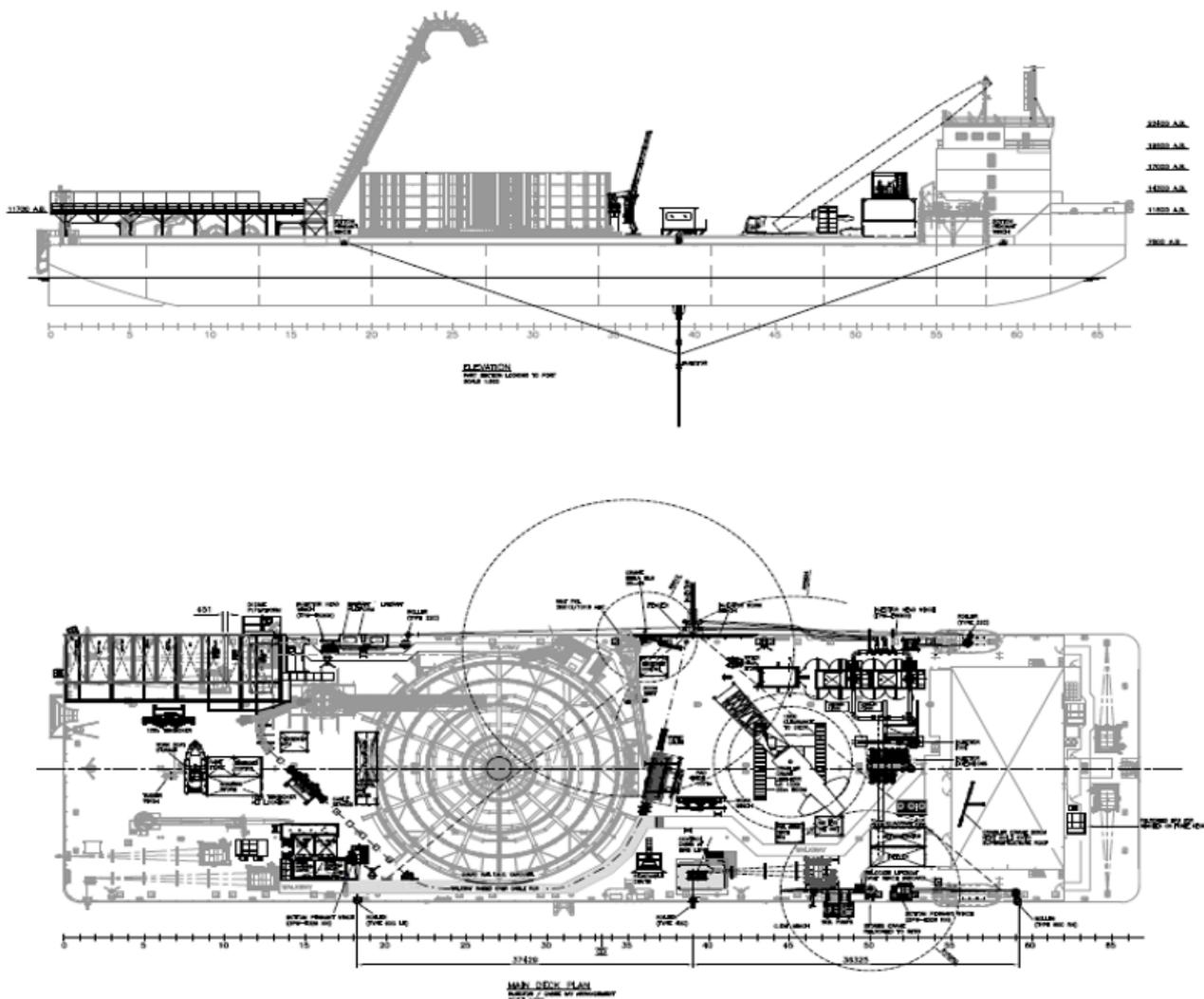
Ulisse is Prysmian cable laying vessel that has been engineered for beaching and operate in shallow water, with movements along the cable route by means of a controlled tension 8-point mooring positioning systems and independent 140 T pulling anchor allowing her to meet stringent operational requirements.

It is capable of simultaneously lay and burial with a variety of tools including vertical injector, Rock saw, Prysmian Hydroplough.

## TECHNICAL SPECIFICATIONS

### VESSEL'S KEY FEATURES

- Classification: ABS +AI, (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

|                        |           |
|------------------------|-----------|
| Length overall         | 122.2 m   |
| Breadth moulded        | 33.50 m   |
| Depth moulded          | 7.60 m    |
| Summer draught moulded | 5.41 m    |
| Gross Tonnage          | 10.082 MT |
| Net Tonnage            | 3.024     |

### 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

### 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 7,000 tons

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