

Cable Enterprise



DP2 CABLE LAYING VESSEL

Technical specifications



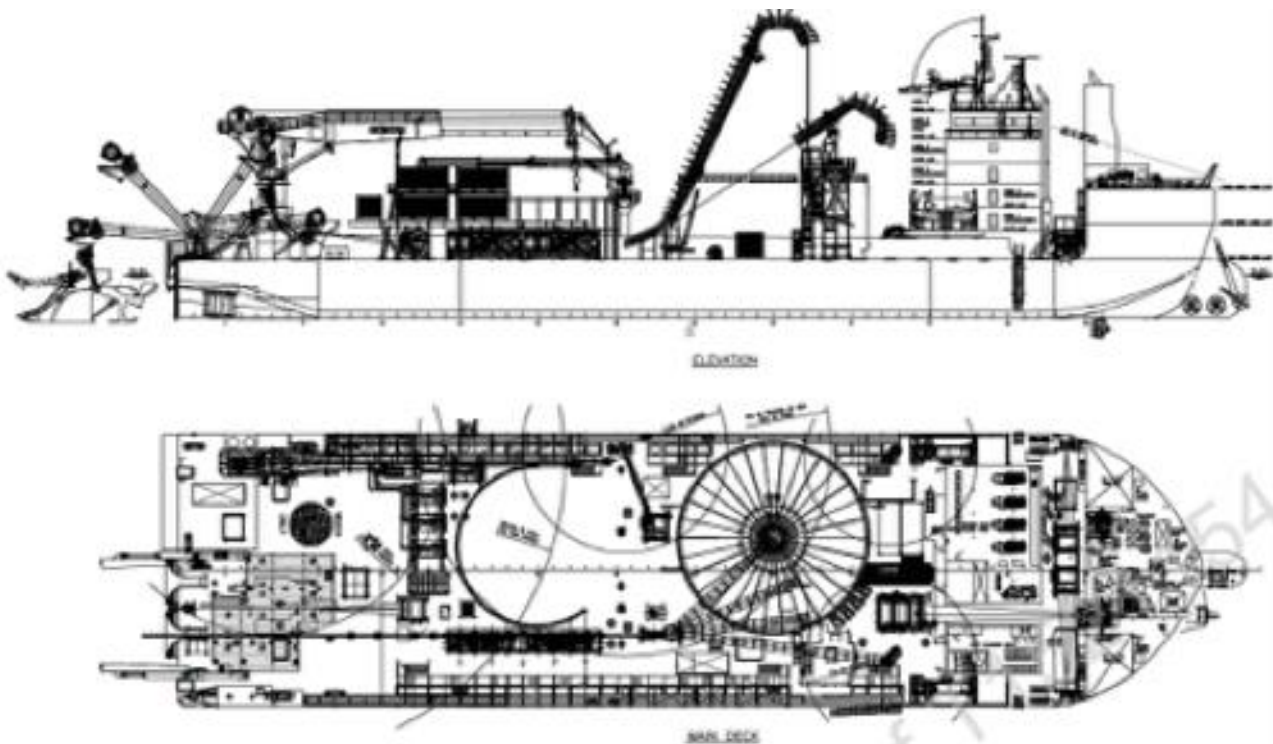
DESCRIPTION

Cable Enterprise is Prysmian Group DP2 cable laying vessel that has been designed with almost 8 MW of power, allowing her to autonomously maintain position in harsh weather conditions. The vessel has the capability to undertake simultaneous lay and burial operations with any type of plough, including HD3 ploughs with up to 180 tons tensions. The vessel maintains her ability to ground out and to operate in very shallow waters with 7-point independent mooring system allowing her to meet stringent operational requirements. Wärtsilä NOx reducing system fitted to all 4 Wärtsilä engines to achieve 75% NOx reduction from base levels.



VESSELS KEY FEATURES

- Classification: American Bureau of Shipping
- +A1 Barge DPS-2
- Converted in 2015
- 4,000 tons carousel
- Bundled cable lay capability 180 T pull ahead winch for ploughing operations
- Bottom strengthening with ability and conduct cable laying operations whilst beached
- Accommodation for 80 persons
- 7 point mooring system
- 2 x VOITH Schneider 2.4MW 360° rotating thrusters 2 x Wärtsilä 1MW Retractable Azimuth Thrusters
- 2 x Wärtsilä 1.2MW Transverse Thrusters



Technical specifications



PRINCIPLE DIMENSIONS

| | |
|------------------------|--------------|
| Length overall | 124.32 m |
| Breadth moulded | 31.6 m |
| Depth moulded | 6.8 m |
| Summer draught moulded | 4.938 m |
| Deadweight | 1,0543.23 MT |
| Gross Tonnage | 9,017 MT |



BURIAL TOOLS

Cable Enterprise can be equipped with 3.3 m SMD HD3 plough or Prysmian Hydroplow, dependent upon project requirements.

3.3 M SMD HD3 PLOUGH

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|--|
| 3.3 m burial |
| 5 m Cable minimum bend radius through share |
| Umbilical winch |
| Max operating depth 500 m |
| Jetting facility 263 kw with optional deck mounted pump sets |

A FRAME - SWL 60T

Suitable to launch and recover 3.3 m plough

TOW/LIFT WINCH

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|---|
| Lift winch capable of pulling and lifting 70 Te |
| Tow winch Storage for 1,200 m of tow wire |
| Brake holding capacity 150 Te |



CABLE OPERATIONS KEY FEATURES

A total of 3.8 MW available power dedicated to cable equipment, back deck and hotel load generated.

| | |
|------------------|---|
| Capacity | 4,000 Te (4,300 Te depending on project requirements) |
| Core Diameter | 6 m with extension to 8 m and 10 m |
| Outer Diameter | 21.4 m |
| Tank Height | 7.20 m |
| Core Height | 7.20 m |
| Product MBR | 3.5 m minimum at centre core |
| Braking Capacity | 50 Te |
| Laying Speed | 0 to 1000 m/hr at centre core |

CAROUSEL LOADING TOWER

3.5 m MBR Loading Arm with 1.5 Te Electric Single Wheel Top Hauler

STATIC TANKS

Flexible static tank configuration for HVDC projects and cable recovery max 3000 Te

CABLE TENSIONERS

2 x 25 Te tensioners capable of deep water cable installations