CABLE ENTERPRISE

DP2 CABLE LAYING VESSEL

DESCRIPTION

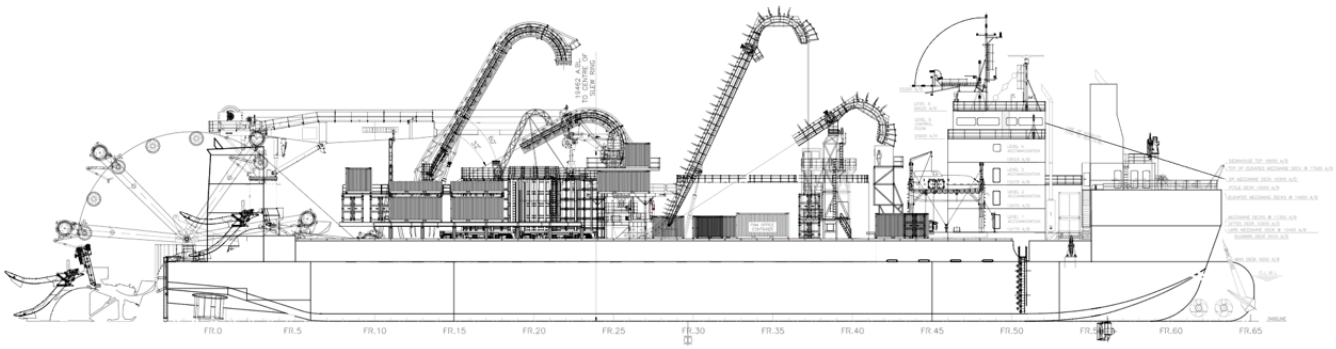
Cable Enterprise is Prysmian DP2 cable laying vessel that has been designed with almost 8 MW of power, allowing her to autonomously maintain position in harsh weather conditions. The vessel has the capability to undertake simultaneous lay and burial operations with any type of plough, including HD3 ploughs with up to 180 tons tensions.

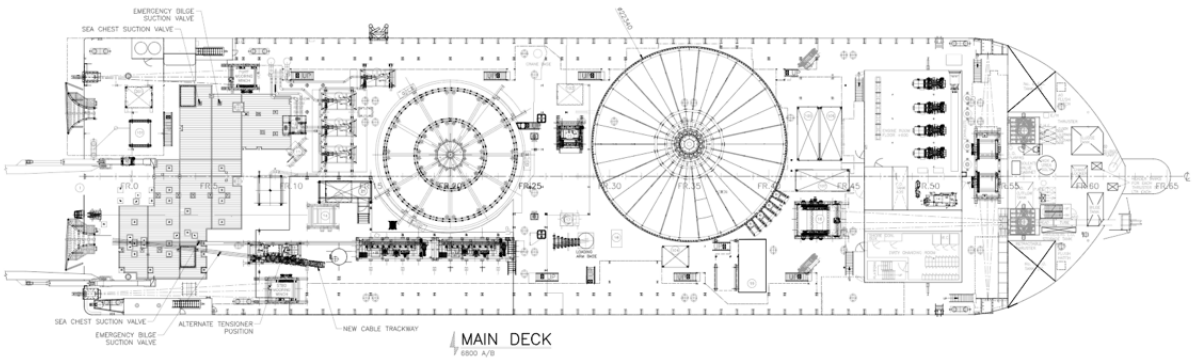
The vessel maintains her ability to ground out and to operate in very shallow waters with 7-point independent mooring system allowing her to meet stringent operational requirements. Wärtsilä NOx reducing system fitted to all 4 Wärtsilä engines to achieve 75% NOx reduction from base levels.

TECHNICAL SPECIFICATIONS

VESSEL'S KEY FEATURES

- Classification: American Bureau of Shipping
- +A1 Barge DPS-2
- Converted in 2015
- 5,000 tons carousel
- Bundled cable lay capability180 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	10543.23 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
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
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	5,000 Te
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