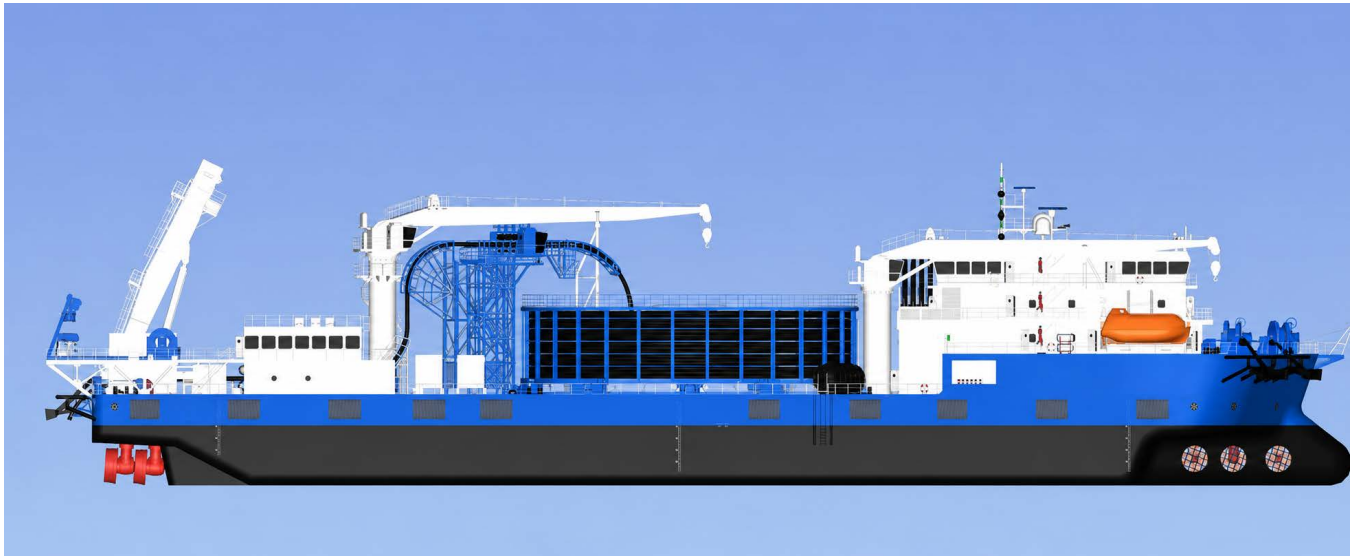


GENERAL SPECIFICATION



8000T CABLE-LAYING VESSEL



DP2 Cable-Laying Vessel

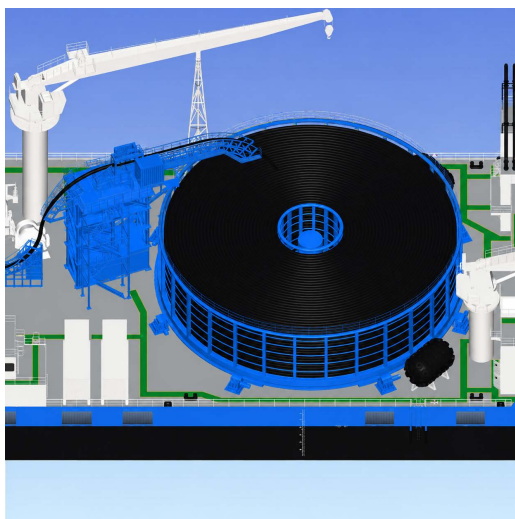
TECHNICAL SPECS		CAROUSEL CABLE	
Length MDL	108.0 m	Cable Diameter	50 to 320 mm
Breadth moulded	34.0 m	Loading Capacity	8,000 T
Depth moulded	7.8 m	Inside Outer Diameter	30.0 m
Design draft	5.2 m	Inner Diameter	6.0 m
Design Speed	6.0 knots	Wall Height	6.0 m + 1.2 m (guardrail)
Accommodation	77 POB	Max. Pulling Line Speed	15 m/min
Flag	ROC		
Classification	ABS & CR		
Class Notation	†A1, Offshore Support Vessel (Cable Lay), Circle E, †AMS, †DPS-2, CPS, BWT, IHM, SPS, CRC(OC, HC, PL)		

BASIC OPERATION CAPACITY		CRANE & LIFTING APPLIANCES	
Ambient Temperature	0°C to 45°C	Hydraulic A-Frame	1 ×, Lifting Capacity 250t
Water Depth	≥100 m	PED Crane (Large)	1 × 40t @ 5.0–30m
Service Duration	30 days	PED Crane (Small)	1 × 8t @ 4.2–30m
Conditions	Operation / Hold (bow +/-10°)		
Wind (knots)	27.0 / 70.0		
Max. Sig. Wave Height (m)	2.0 (12s) / 3.5 (12s)		
Current speed (knots)	3.0 / 5.0		

POWER GENERATION		THRUSTERS	
Main Generators	6 × 1550 eKW, 690V, 3Ph, 60Hz	After Thruster Power	3 × 1500 kW, Azimuth
Aux. Generator	1 × 900 eKW, 690V, 3Ph, 60Hz	Bow Thruster Power	3 × 1300 kW, Tunnel
Emer. Generator	1 × 265 eKW, 440V, 3Ph, 60Hz	Type	VFD Drive

MOORING SYSTEMS

Positional Mooring	6-point system with electrical winches and swivel head fairleads
Temporary Anchor Wire	2 × 60mm dia., 1000m max length — single drum winch
Anchor Wire (Single Drum)	4 × 60mm dia., 1000m max length
Rated Pull per Winch	500 kN @ 14 m/min (1st layer)
Rated Holding Capacity	1,800 kN (1st layer)



Carousel cable-storage system