



This multipurpose vessel is equipped with a dedicated, permanently mobilised subsea cable repair and replacement spread suitable for most types HVAC and HVDC export, array and inter-connector cables. She can operate both in very shallow water on anchors (grounding possible) and in deeper water on DP2. The flexible set-up also allows for route survey and preparation works (UXO ID, clearance, PLGR, OoS cable removal, boulder clearance etc.).

General

Vessel name	Curo
Owner	Neptune Marine
IMO numer	1042304
Call sign	PCSA
Built	2016
Home port	Aalst, The Netherlands
Classification	Bureau Veritas ✕ HULL ✕ MACH AUT-UMS DYNAPOS AM/AT R Special service - multipurpose vessel, CPS (BWT), Inwater survey Unrestricted Navigation SPS Max. 60 Persons on board Total Max. 60 Persons on board

Dimensions

Length overall	8750 m
Breadth moulded	2700 m
Depth at side	6.00 m
Draft min.	Approx. 3.00 m
Draft thrusters	Approx. 4.65 m
Deck area	Approx. 1450 m ²
Gross tonnage	5277 tons

Performances

Cargo capacity	2500 tons subject to loading conditions
Speed	7 knots, subject to loading, environmental conditions
Deck load	20 tons/m ²

Tanks

Fuel oil	Approx. 500 m ³
Fresh water	200 m ³
Sewage	59 m ³

Auxiliaries

Generator sets	3x Cummins KTA 50 D (1291 kW) 2x Cummins KTA 19 D (485 kW) 1x Cummins 6CTA 8.3 Harbour Gen
Total E-power	690 V 3.690kW 440 V 916 kW 169 kW Harbour/EM Gen
Thrusters	6x thruster 525kW
Offshore crane	Knuckle Boom Crane 20 tons at 30 metres
Fuel transfer system	50 m ³ /hr @ 5,2 bar
Fresh water system	50 m ³ /hr @ 5,2 bar
Mooring system	8x 60 ton, CT winches at 1st layer, 120 tons hold at 1st layer max 1000 m / 48 mm

Accommodation

Facilities	Airconditioned accommodation for 60 persons in 48 cabins including: - 5 offices - 1 recreation room - 1 control room
Safety equipment	Safety equipment and life rafts for max 60 P.O.B.

Cable repair spread

Carousel	- Outer diameter of 15 meters - Max cable capacity of 400 tons - Concentric rotational baskets for HVDC cables - Double loading arm for HVDC cables
Cable handling spread	- Lay and repair works - 5 meter MBR - Double chute and quadrant
Trenching	Controlled flow excavation spread
Boatlanding	PS and SB

