

Coastal Challenger

DP MPV

JULY 2 2024



MAIN SPECIFICATIONS

General

Type of vessel:	Special Service / Multi-Purpose Vessel
Classification:	1✘ Hull ● Mach ✘ AUT-UMS ✘ Dynapos AM/AT Unrestricted navigation
IMO:	9647320
Callsign :	PBOC
MMSI:	244913000
Flag:	Dutch
Tonnage (UMS/GT):	417

Dimensions

Length O.A.:	36.85 m
Beam O.A.:	11.84 m
Draught aft:	2.12 m
Max deadweight tonnage:	247 t
Clear deck area:	180 m ²
Deck loading:	5 t/m ²

Tank Capacities

Fuel oil:	208 m ³
Fresh water:	70 m ³
Black/grey water:	28 m ³
Dirty oil:	3.30 m ³

Performances

Bollard Pull ahead:	36.70 t
Bollard Pull astern:	30.30 t

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DETAILED SPECIFICATIONS

Propulsion System

FWD azimuth thrusters:	2 x Veth Compact Jet CJ-1000
AFT azimuth thrusters:	Veth Z-drive VZ400
Main engines:	2 x 969.50 kW Cat C32

Auxiliary Systems

Generator sets:	2 x 215 Kw synchronize
Harbour set:	36 kW C4.4

Navigation & Communication

GMDSS:	Trane & Thrane SP-3520
Satellite communication:	Castor

Dynamic Positioning

DP system:	Navis NAVDP 4000
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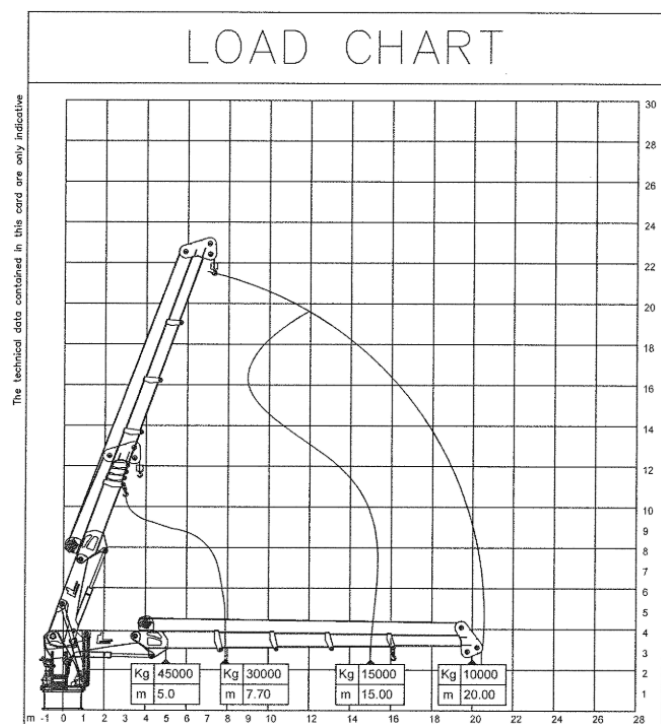
Deck Lay-out

Crane FWD:	Legendijk LKB-310-T4 310 tm
Anchor handling drum:	DMT TW-H800KN
Towing drum:	DMT TW-H500KN
Tugger/Mooring winches:	DMT TW-H100KN
Stern roller:	Yes
Bow roller:	Yes
Capstan:	Prohand 18-2/H-Sp
Moon pool:	Yes
FIFI system:	Novec 1230

CRANE DIAGRAM

FWD hydraulic crane

Legendijk LKB-310-T4 310 tm





GENERAL ARRANGEMENT

