

# OFFSHORE CARRIER 8500 CLV

“Maersk Connector”

## GENERAL

Yard number	553015
Delivery date	February 2016
Basic functions	Damen Offshore Carrier with 7000 t cable laying installation
Classification	<ul style="list-style-type: none"> <li>✧ 100 A1, Offshore Supply Ship, Helicopter Landing Area</li> <li>✧ LMC, UMS, D.P. (A.A.), I.W.S., W.D.L. (U.D.L = 20 t/m<sup>2</sup>)</li> <li>ECO (A, G.W., I.H.M., O.W., P)</li> </ul> Descriptive note: - loading / unloading aground - Cable Layer
Flag	Danish Flag
Owner	Maersk Supply Service

## DIMENSIONS

Length overall	138.05 m
Length B.P.P.	119.75 m
Beam moulded	27.45 m
Depth main deck at side	9.60 m
Draught summer	6.25 m
Deadweight	9,468 t
Gross tonnage	10,678 GT
Cargo hold	10.8 x 12 x 3.6 m

## TANK CAPACITIES

Ballast water	7,375 m <sup>3</sup>
Heavy fuel oil	1,433 m <sup>3</sup>
Marine gas oil	1,770 m <sup>3</sup>
Potable water	804 m <sup>3</sup>
Sewage	294 m <sup>3</sup>
Lub. oil clean	43 m <sup>3</sup>
Sludge	21 m <sup>3</sup>

## PERFORMANCES

Trial speed (at summer draught)	11.7 kn
Bollard pull	70 t

## PROPULSION SYSTEM

Main generators	2x MAK 8M25 (each 2,570 kW) 2x MAK 6M25 (each 1,916 kW)
Thrusters	2x 2,100 kW azimuth, Ø 2,650 mm with 4 bladed FPP
Bow thruster	3x 1,250 kW tunnel thruster Ø 2,550 mm with 4 bladed FPP
Stern thruster	1x 800 kW, Ø 1,950 mm with 4 bladed FPP

## NAUTICAL AND COMMUNICATION EQUIPMENT

Radio equipment	According to GMDSS for area A3
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## AUXILIARY EQUIPMENT

Diesel generator set	1,950 kVA - 1,560 kW @ 60 Hz
Emerg. generator set	297 kVA - 237 kW @ 60 Hz
Thermal water boiler	1x in combination with economizers
Sewage treatment plant	1x
Fresh water generators	2x

## DECK LAY-OUT AND EQUIPMENT

Deck crane	1x knuckle boom 100 t, double fall, AHC
Auxiliary crane	1x stiff boom crane 10 t @ 25 m
Cable carousel	1x Twin basket design, capacity 7000t
Helideck	1x According CAP 437, suitable for S-92 helicopter or equivalent
A-frame	1x 60 t
Towing sheave	1x 250 t
Harbour mooring winches	4x Electric-hydraulic driven (2 fore-2aft)
Life boats	2x each 90 persons
Fast rescue craft	1x

## 6 POINT MOORING SYSTEM

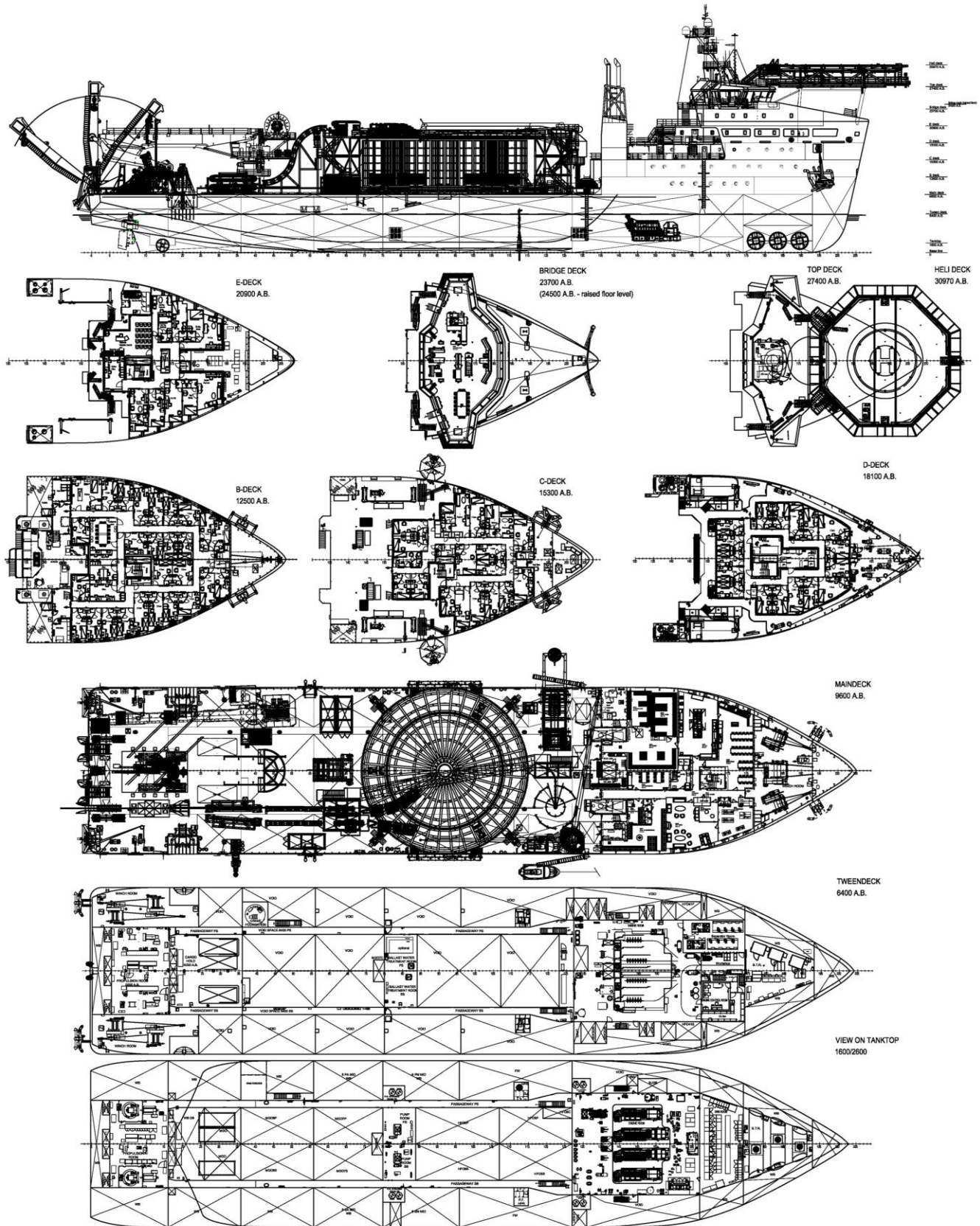
Winches aft	4x 600 kN pull
Winches fwd	2x 600 kN pull
Dolphin anchors	6x 7t
Pull ahead winch	1x 1,000 kN pull

## ACCOMMODATION

For captain, officers and crew	Total 90 persons
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