



DAMEN ROPAX FERRY 8017

Coastal RoPax Ferry with Diesel Electric Azimuth Thruster Propulsion

GENERAL

Yard number	539305
Hull material	Steel
Basic functions	Coastal Ropax ferry
Classification	ABS +A, Vehicle Passenger Ferry, Ice class 1AA, Near Coastal Voyage Class II, E, +AMS, HAB+, NIBS, ENVIRO, GP

AUXILIARY EQUIPMENT

Main genset	3x MTU 16V 4000
Main genset power	1,700 kW _e , 440V, 3ph / 60 Hz @ 1,800 rpm
Emergency genset	1x Volvo D16
Emergency genset power	390 kW _e 440V, 3ph / 60 Hz @ 1,800 rpm

DIMENSIONS

Length o.a.	80.90	m
Length b.p.p	71.20	m
Beam mld.	17.20	m
Depth to weather deck mld	12.25	m
Depth to main deck mld.	6.70	m
Draft scantling	4.30	m
Clear deck height;		
- below hoistable deck in stowed positions	4.70	m
- Outside hoistable deck	5.00	m
- Below / above hoistable deck	2.20	m

PAYLOAD CAPACITY

Passengers	200
Public interior capacity	215 seats
Cars on main deck	50
Car lane length – main deck	275 m
Trailers on main deck	6
Trailer lane length – main deck	190 m
Cars on hoistable car deck	14
Car lane length – hoistable car deck	75 m
Deadweight	960 t

TANK CAPACITIES

Fuel oil	160	m ³
Lube oil	8	m ³
Fresh water	34	m ³
Sewage	36	m ³
Ballast water	1250	m ³

ACCOMMODATION

Fwd passenger lounge	130 seats
Aft passenger lounge	85 seats
Toilets passenger lounge	2 + 1 disabled
Elevator	One passenger and one service lift from deck 3 to deck 5
Crew accommodation	15 single crew cabins with toilet, 1 mess rooms and 1 day room
Catering	Galley and provision with serving area

PERFORMANCE

Speed (at design draught)	12	kn
Speed (at 0.4m solid first year ice)	4	kn

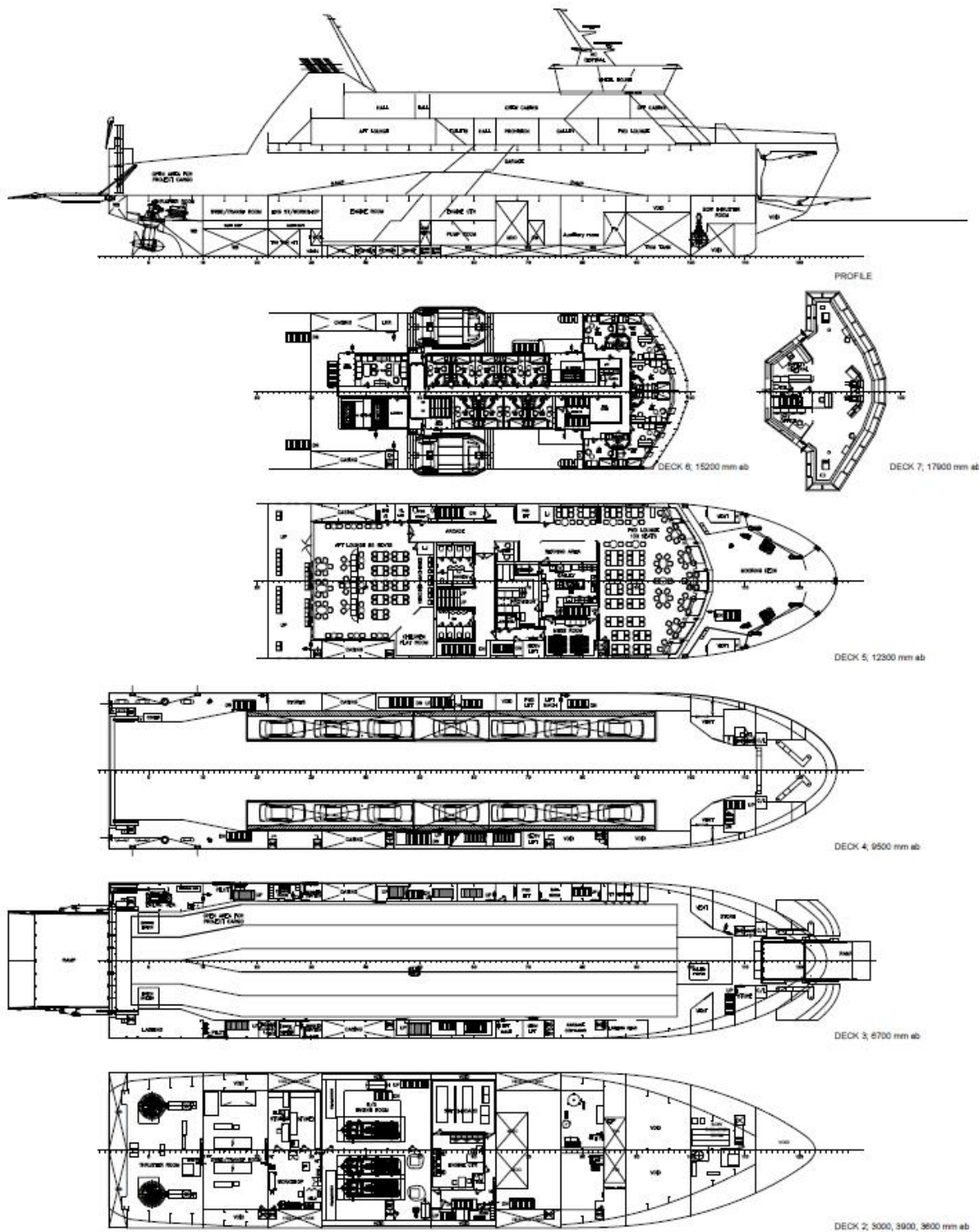
PROPULSION SYSTEM

Propulsion	2x 1600kw Rolls-Royce azimuth thrusters, Electric Drive
Propeller	2x 2600 mm ice strength fixed pitch

NAUTICAL AND COMMUNICATION EQUIPMENT

Wheelhouse equipped with nautical and communication equipment according to national authorities and owner's requirements.

S- band and X-and radars, ECDIS, Autopilot, Echo sounder, Speed log, GPS navigator, Gyro compass, Magnetic compass, Public address, CCTV, Navtex, AIS, LRIT, VHF, UHF, GDMSS 2, Infotainment system.



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Layout and equipment is indicative.
Please contact Damen Shipyards for alternatives.

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