



DAMEN FAST ROPAX® 4512

KRIOLA & LIBERDADI

GENERAL

YARDNUMBER	530151-52
DELIVERY DATE	2010-2011
HULL MATERIAL	Aluminium
SUPERSTRUCTURE	Aluminium
BASIC FUNCTIONS	Fast Passenger and Car Ferry
CLASSIFICATION	Bureau Veritas 1 ✕ HULL, ✕ MACH, High Speed Craft - Cat A, Sea area 3, ✕AUT-UMS
SAFETY	Flag state rules Cape Verde
FLAG	Cabo Verde
OWNER	Cabo Verde Fast Ferry

DIMENSIONS

LENGTH O.A.	45.00 m
BEAM O.A.	12.30 m
DEPTH MOULDED	4.60 m
DRAUGHT (HULL)	1.60 m
COVERED CAR DECK HEIGHT	2.30 m
OPEN CAR DECK HEIGHT	unlimited

TANK CAPACITIES

FUEL	10.00 m ³
FRESH WATER	1.50 m ³
SEWAGE	1.50 m ³
BILGE / SLUDGE	0.50 m ³
VEHICLES	16 Vans 3 Trucks

PERFORMANCE (TRIALS)

SPEED AT 100% MCR	20 kn. at 50 tonnes deadweight
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PROPULSION SYSTEM

MAIN ENGINES	2 x Caterpillar 3512B
TOTAL POWER	2236 bkW at 1800 rpm
GEARBOXES	2 x Reintjes WAF 665L
PROPULSION	2 x Fixed Pitch Propeller

AUXILIARY EQUIPMENT

GENERATOR	2 X 69 kWe
NETWORK	400V / 230V AC, 3 phase , 50 Hz, 24V DC

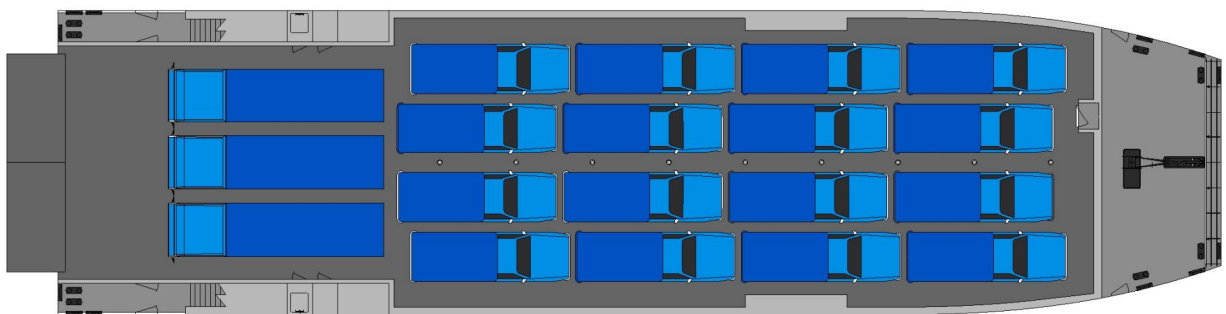
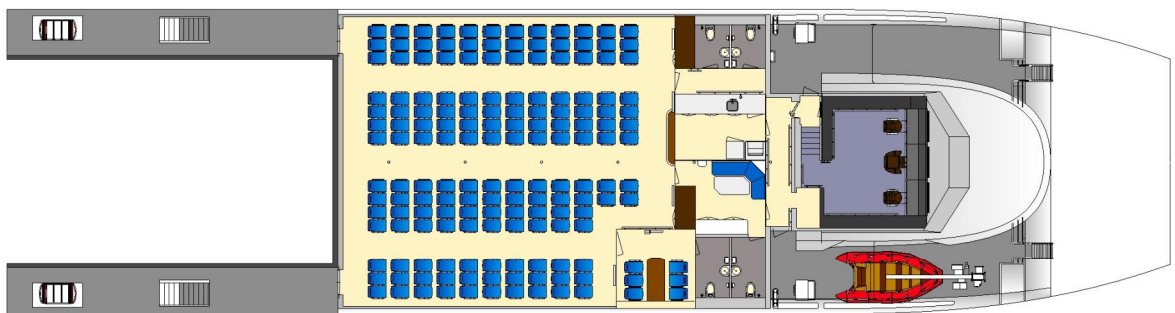
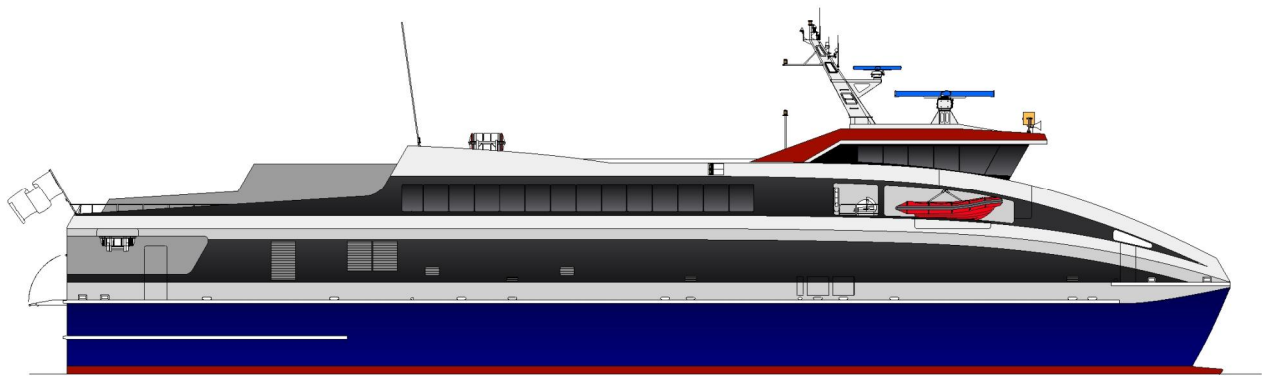
ACCOMMODATION

PASSENGERS	158
CREW	4
HVAC	Air-conditioning with temperature control
VIP ROOM	6 passengers, with toilet
ENTERTAINMENT	4 x 32" LCD TV + 1 x 20" LCD TV + DVD player FM/AM radio with CD player
SERVICE SPACES	Kiosk Crew room with toilet
VEHICLES	16 pick-ups and 3 trucks

NAUTICAL, SURVEILLANCE AND COMMUNICATION EQUIPMENT

According to HSC 2000 and GMDSS A2 including, but not limited to

X-BAND RADAR	JRC JMA-5312-6
S-BAND RADAR	JRC JMA 5332-12
GYRO COMPASS	Alphatron Alpaminicourse
ECDIS CHART PLOTTER	Alphatron Alphachart T Ecdis
VDR	Alphatron CONS VDR F1



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



DAMEN SHIPYARDS GORINCHEM

Member of the DAMEN SHIPYARDS GROUP



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