



Roberto Forti

Shipbrokers & Marine Consultant

Cotention



Main characteristics

Home port : Cherbourg
Flag : French
Call sign : FMLX
N° IMO : 9364978
Keel laying : 28 November 2006
Delivery date: 9 November 2007
Builder: AKER YARDS, HELSINKI, FINLAND

Classification

BUREAU VERITAS : I ☐ Hull ☐ Mach
Ro-ro passenger Ship
Unrestricted navigation
☐ AUT-IMS; ☐ AUT-PORT; ☐ SYS-NEQ-1; ☐ MON-SHAFT

Passenger and crew capacity

Total : 253
Passengers : 210
Crew : 43

Passenger facilities

Self-service : abt.132 seats
Bar lounge : abt.62 seats
TV lounge : abt. 57 seats
Cabins: 117 double berth cabins (see details further below)
Slot machines area abt 13 m²
Kiosk abt 20 m²

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FYP s.r.l.

P.I. & C.F: 01635610494~ Ruolo Mediatori Marittimi di Livorno n° 224 - 227

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Sun deck

abt 350m²

Technical details:

Main dimensions and characteristics

Length overall	167,80 m
Length between PP	155 m
Beam M.L.D.	26,80 m
Breadth overall	27,20 m
Depth to Deck 3	9,30 m
Depth to Deck 5	15,60 m
Draught Max	6,50 m
Draught design	6,30 m
Light ship Displacement:	9545 T
Deadweight at design draught	6500 T
Deadweight at max draught	7227 T
GRT (UMS)	22 308 UMS
Speed at 85 % MCR and design draught	24 Knots
Voltage on board	400 V / 50 Hz

Communication equipment

150W MF/HF SSB DSC transceiver Sperry HC4500
25W VHF radio Sailor RT4800 X 2
VHF radio telephone with DSC receiver Thrane RT5022 X 2
GMDSS Navtex Receiver ICS Nav5 Plus
Portable Survival Craft VHF radiotelephone Simrad SP3300
Emergency Position Indicating Radio beacon (EPIRB) Sailor 406 MHz X 2
9GHz Search and Rescue Transpondeur (SART) Sailor X 2
Aeronautical two way VHF Radio Telephone Apparatus Jotron Tron Air
Voyage Data Recorder (S-VDR) Sperry DM500
Inmarsat Mini-M Thrane & Thrane Telephone & Fax
VSAT satellite equipment, 4 telephone lines
Satellite GSM relay for mobile phones, (phone, SMS and email)
Satellite Wi-Fi relay for internet (notebooks and cyber café)

Navigation instruments

Gyro compass Navigat X MK1 X 2
Magnetic compass JUPITER
Autopilot Navipilot 4000
Sperry Bridge master Radars (X band, S Band, & Fore X Band))
Speed log Litton SRD-500
Echo sounder Elac ES 5100
DGPS LMX420 (differential Global Positioning System receiver) X 2
Electronic chart display and information (ECDIS) X 2
Automatic Identification System (AIS) R4
Ship Security Alert System (SSAS) Sailor TT-3000SSA
Whistles ZET-Horn, Bell ZB 110, Gong ZG 110
Sound surveillance system Zenitel Marine
Search lights IBAK X2
Weather facsimile JRC JAX-9

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Weather station wind, temperature, pressure, humidity

Main Machinery Components:

Main Engines:	2 x MAK 12VM43C 12000 kW / 500 RPM
Reduction gear:	2 x 500/151.8 Rpm Flender Navilus GHCK-1060
Fuel type:	HFO 380 Cts/50 C. MDO
Auxiliary engines:	2 x Wärtsilä 8L20 1440 kW 1000 RPM
Generators:	Leroy Somer LSA 53S75/6P 1732 kVA-3 x 400V 50Hz
Shaft Generators	Leroy Somer LSA 52.2 L65 – 1750 KVA – 3x400V 1500RPM – 50Hz
Oil Fired steam Boilers:	2x AALBORG IND, CHB-2500, 2350kg/h
Emergency diesel motor generator	Mitsubishi S12R MPTA - 1500 Rpm
Emergency Generator	Leroy Somer LSAM 50.1 S4 J6/4 - 900 Kva – 50 Hz
Propellers:	Wärtsilä Propulsion Lips – 2 x CPP, 4,8 m diameter
Bow Thruster:	Wärtsilä Propulsion Lips – CT 200M - 2 x 1200 kW

Steering gears, Rudders, Stabilizers, heeling pump

Steering gear:	2 x Frydenbö rotary vane steering gear type RV550
Rudders:	2 x KSR rudders from Becker Marine systems
Stabilizers:	1 pair of fin stabilizers B+V S600
Heeling tanks:	1 pair of heeling tanks, 1x pump RPB 300-3 1500m ³ /h

Bilge, Ballast and Fire Pumps

Fire pumps:	3 x Azcue CM 122 m ³ /h 8 bar
Sprinkler pumps:	3 x York firefighting CR64-7.2, 64 m ³ /h 16.6 bar
Bilge pumps:	4 x 144 m ³ /h
Ballast pumps:	2 x Azcue CM-EP-150/26 350 m ³ /h 1.6 bar
Drencher pumps:	2 x Azcue CM-125/26 200 m ³ /h 6.5 bar

Separators/Purifiers

FO Separator	2 x Alfa-Laval Type SA 851
MDO Separator:	1 x Alfa-Laval Type PA 600
Lub Oil Separator for ME:	2 x Alfa-Laval Type SA 836
Lub Oil Separator for AE:	1 x Alfa-Laval. Type SA 811
Bilge Water Separator:	1 x NFV deoiler 200-5.5 m ³ /h

Main Tanks Capacity

Heavy Fuel Oil:	790 m ³
Marine Diesel Oil :	175 m ³
Lubrication Oil:	95 m ³
Fresh water :	302 m ³
Ballast Water:	2078 m ³
Heeling tanks:	637 m ³

Safety Equipment

Lifeboats	2 x Schat-Harding 38 persons
Fast Rescue Boat	1 x Schat-Harding WHFRB 6.5 Jet
Marine Evacuation System (MES)	2 x Viking Mini Chute 101 persons
Liferafts	2 x Viking 50 persons
Means of Rescue	1 x Viking 12 persons

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Cabin arrangement

Passengers cabins

Deck	Outside cabins 2 berths	Inside cabin 2 berths	Nb of cabins
9	26	28	54
8	27	36	63
TOTAL	53	64	117

- 107 cabins are fitted with a shared sanitary unit between two adjacent cabins.

- 10 cabins are fitted with individual sanitary unit

Crew cabins

Deck	Cabin Type	Nb of Cab
10	Captain	2
10	Senior Officer	3
10	Officers	5
10	Cadet Officer	1
10	Petty Officer	6
10	Crew	26
9	Crew (*)	4
TOTAL		47

*: convertible into additional pax cabins

Crew cabins type are fitted with shared sanitary unit.

Trailers capacities

Lower deck 1:

Lane meters Abt.175 m
Axle load (4 wheels per axle) 18Tons/Axle

Main deck 3 :

Lane meters Abt. 1004 m
Axle load (4 wheels per axle) 18 Tons/Axle

Upper deck 5 :

Lane meters Abt. 1 009 m
Axle load (4 wheels per axle) 18 Tons/Axle

Ramps

Bow ramp :

Length with flap 19.5 m
Driving breadth 6.00 m
Free height 5.20 m

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Number of sections	3 + flaps
Stern ramp :	
Length (excluded flaps)	6.00 m
Free driving width	16.0 m
Clear opening height	5.20 m

Hoistable ramp Dk 5 :	
Length (excluded flaps)	48 m/ slope 7°
Free driving width	6 m
Clear opening height	5.20 m

Electrical garage equipment

Reefer plugs : 400 V 50Hz – Quantity : 55



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