

MF Ryfylke



MF Ryfylke – 45,4 m Car Ferry delivered 14th of July 2022 by Westcon Yards AS, Ølensvåg, Norway as Yard no. 40 to ship-owner Norled AS in Stavanger. The design is by LMG Marine, Norway; LMG 27-DEH. The vessel is built as a battery- hybrid plug-in double ended car & passenger ferry

Principal particulars

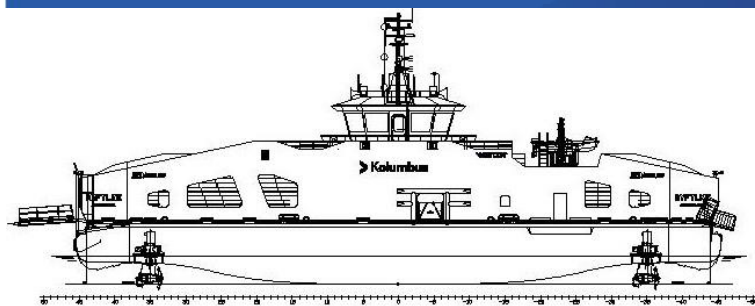
Length o.a.:	45,4 m
Length p.p:	44,7 m
Breadth Extreme :	11,9 m
Draught Max:	2,5 m
Class:	According to DNV+1A Car Ferry B Battery (Power) E0 LC R4(Nor)
Flag:	NOR, NMA Passenger Vessel for Trade Area 2

Contact:

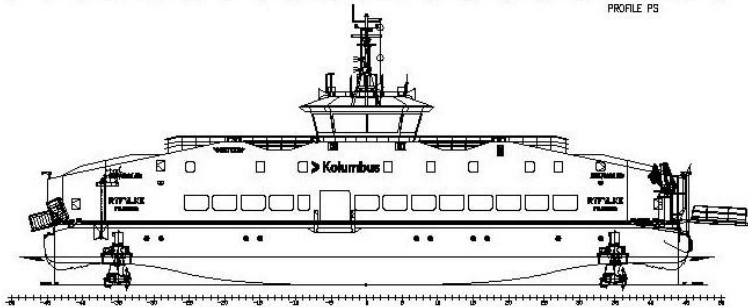
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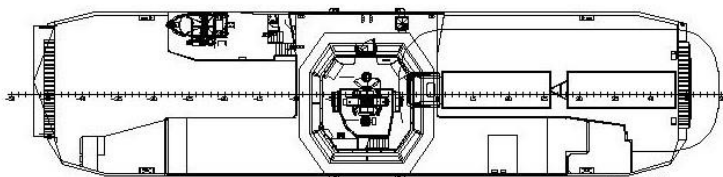
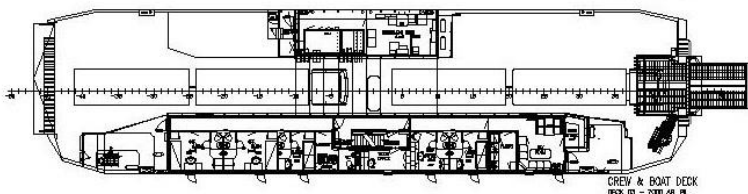
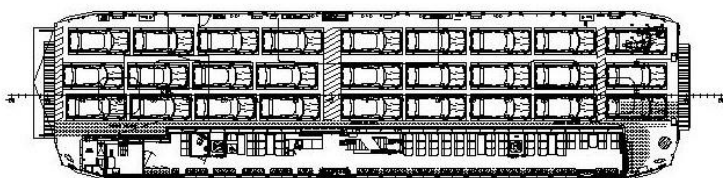
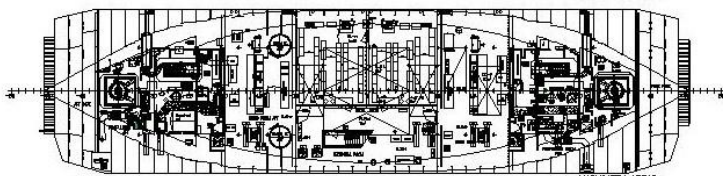
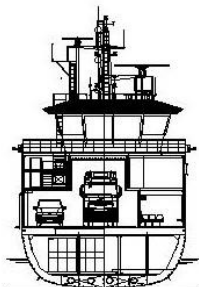
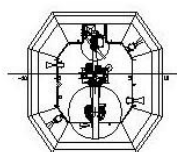
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PROFILE PS



PROFILE SB


BRIDGE DECK
DECK 04 - 8500 AB BL

CREW & BOAT DECK
DECK 03 - 7000 AB BL

VEHICLE & PASSENGER DECK
DECK 02 - 4200 AB BL

MACHINERY AREAS
DECK 01 - 1500/1300 AB BL

WHEELHOUSE TOP
DECK 05 - 1200 AB BL

WHEELHOUSE TOP
DECK 05 - 1200 AB BL

Propulsion system

Propeller system: Schottel Ecopellers SRE210L

Generators

Main generators: SCANIA marine diesel electric main generating set type: GASI 13-07 04-15

Electronical equipment

Radar 1: Furuno radar FAR-2318 BB
Radar 2: Furuno radar FAR-2238S BB/PM
Echosounder: Furuno FE-800

Navitex: Furuno NX-700B
BNWAS: Furuno BR-500
Camera: Ocean Electronics AS
GPS compass: Simrad MX575
Gyro: Simrad GC80
Log: Furuno DS-80 Doppler log, Furuno GS100 satellite speed log

GPS: Furuno DGPS GP-170/GPA021S
AIS: FURUNO FA-170 U-AIS KLASSE A
ECSIS: Furuno Tecdis T-2138B
VHF GMDSS: Furuno FM-8900S
UHF: Mototrbo DM4400
Autopilot: Simrad AP70 MKII
Monitors: Hatteland
Epirb: Tron 60S

Ship systems

Complete system integration SEAM AS:
e-SEAMatic® BLUE
SEAM e-SEA® Bridge - Integrated bridge
SEAM e-SEA® link (remote access)
SEAM e-SEAMatic® IAS - Integrated Automation System
SEAM e-SEAMatic® EPMS - Energy- and Power Management system
SEAM e-SEA® Drive - Main Propulsion drive, Grid drive and DCGuard
SEAM e-SEA® Motor - Electrical propulsion motors
SEAM e-SEA® Switchboards - Main 690VAC Switchboards
SEAM e-SEA® Switchboards - Main 230VAC Switchboards
SEAM e-SEA® Switchboards - 690V Shore charging as per ISO8005
SEAM e-SEA® Switchboards - 440V/230V shore connection
SEAM delivered Battery System - Corvus Dolphin Energy

Vent/AC-arrangement: AF AeronMollier AS
Fans: AF AeronMollier AS
Engine room firefighting: Raft FIFI system, water mist
Mob boat: Palfinger RSQ 450 G 25HP
MES: Survitec 2 x MES ESS SIS2.7M ORIL100V
Searchlights: Glamox SL40 R5 1000W
Fire alarm: Consilium Salwico Cargo AE

Deck equipment

Anchor wire winch: Adria Winch
Capstan: Adria Winch

Capacities

Cars: 27
Trucks: 2
Pax: 99
Biofuel: 10,10 m³
Fresh water: 11,9 m³
Accommodation: 4 off