YARD NO. 71 "BOKNAFJORD"

CAR AND PASSENGER FERRY

- Gas Electrical Propulsion Systems
- Fuel efficient and environmental friendly
- High redundancy
- Excellent passenger comfort

FISKERSTRAND™

MAIN DIMENSIONS

Length O.A.	129.90 m
Length Car Deck	120.00 m
Breadth Moulded / Max.	18.80 / 19.20 m
Depth Moulded to Main Deck	6.45 m

CAPACITY

Gross Tonnage (GT)	7536 tons
Deadweight (DWT)	1376 tons
Deck Load	1137 tons
Axle load (dual wheels)	15 tons
Cars (PCU) / Trucks	242 / 22
Passengers / Crew (PAX)	600
Crew Accommodation	16
Max Speed	23 knots
Service Speed/ Power	21 knots / 5960 kW

TANK CAPACITY

LNG	250 m^3
Fuel Oil	49 m^3
Fresh Water	58 m^3
Sewage	12 m^3

MACHINERY

Propulsion System	Gas Electrical	
Gas Aggregates	Rolls-Royce C26:33L9A	3 x 2310 kW
Diesel Aggregate	Rolls-Royce C25:33L9A	1 x 2850 kW
Main Propulsion	Rolls-Royce Azipull AZP100 CP	4 x 2200 kW

GENERAL

Design	Multi Maritime AS, MM 120 FD LNG
Class	DnV +1A1, R3 (nor), Car Ferry A, RP, E0 CLEAN, GAS FUELLED
Authority/Flag	NMD EU Class D / NOR
Owner	Fjord1 Nordvestlandske AS, Norway
Hull yard	Western Baltija Shipbuilding, Lithuania
Outfitting yard	Fiskerstrand Verft AS, Norway
IMO No.	9599896
Call Sign.	3YQA
Delivery	December 2011

CONCEPT DESCRIPTION

Aside from being gas-powered, the ferry's hull design and more efficient engine and propulsion technology yield additional energy savings by reducing fuel consumption and methane emissions. The ferry is arranged with inherently safe engine rooms with totally three gas aggregates. The engines are supplied by two LNG tank systems as fuel source. A separate diesel aggregate will start up automatically in case of a total gas system failure and ensure safe return to port. Noise and vibration reducing measures ensures that the passengers can enjoy the view from a delicate saloon with an optimized cafeteria solution.

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