



CAR AND PASSENGER FERRY

- Fuel efficient Diesel Electrical Propulsion System
- Low turn-around time
- Easy passenger facility access
- High redundancy



MAIN DIMENSIONS

Length O.A.	113.56 m
Length Car Deck	105.00 m
Breadth Moulded / Max.	16.80 / 17.20 m
Depth Moulded to Main Deck	5.50 m

CAPACITY

Gross Tonnage (GT)	2979 tons
Deadweight (DWT)	908 tons
Deck Load	600 tons
Axle Load (dual wheels)	15 tons
Cars (PCU) / Trucks	120 / 10
Passengers / Crew (PAX)	357
Crew Accommodation	16
Max Speed	16.5 knots
Service Speed/ Power	13.5 / 1050 kW

TANK CAPACITY

Fuel Oil	259 m ³
Fresh Water	40 m ³

MACHINERY

Propulsion System	Diesel Electrical	
Diesel Aggregates	Caterpillar C32 ACERT	4 x 800 kWe
Main Propulsion	Schottel STP 1010	2 x 1200 kW

GENERAL

Design	Multi Maritime AS, MM 105 FE MKII
Class	DnV +1A1, R4 (nor), Car Ferry B, E0
Authority / Flag	NMD Trade Area 2 / NOR
Owner	Tide Sjø AS, Norway
Hull Yard	Western Shipbuilding Yard, Lithuania
Outfitting Yard	Fiskerstrand Verft AS, Norway
IMO No.	9521722
Call Sign.	LEKN
Delivery	December 2010

CONCEPT DESCRIPTION

Design focused on low operational cost, high crossing frequency and efficient vehicle handling. Passenger lounge located on the car deck provides easy access to all facilities. High redundancy by two independent engine rooms, each equipped with two diesel generators supplying a separate switchboard. Hull and azimuth thrusters are optimized for high fuel efficiency.

