



Photo: Uavpic.com

LIVE FISH CARRIER

- Pressurized Fish Tanks
- High-Level Fish Welfare
- Diesel Electrical Propulsion



MAIN DIMENSIONS

Length O.A.	84.60 m
Length between P.P.	81.63 m
Breadth Moulded	16,00 m
Depth Moulded / Max.	7.75 / 8.50 m
Design Draught	6.85 m

CAPACITY

Gross Tonnage (GT) approx.	4045
Deadweight (DWT) approx.	4800
Cargo Tanks for fish betw.perf.bulkh.	3200 m ³
Crew accomodation	14 people/10 cabins
Service Speed	13 knots

TANK CAPACITY

Fuel Oil	285 m ³
Ballast Water	1000 m ³
Fresh Water (Potable/Technical)	123 / 760 m ³
Sewage	10 m ³

MACHINERY

Main Propulsion System Diesel Electrical		
Diesel Aggregates	MTU 12V4000P83	4 x 1400 ekW
El motor:	Siemens	2 x 1200 kW at 1800 rpm
Gearbox:	Heimdal HG7TSC	
Propeller:	Helseth 4TX850	ø3500 mm- 128 rpm

GENERAL

Design	Møre Maritime AS, M-3401
Class	+1A1, E0
Authority/Flag	NMA European Waters A2 /NOR
Owner	Frøy Rederi AS
Hull Yard	SELAH Shipyard, Istanbul, Turkey
Outfitting Yard	Fiskerstrand Verft AS, Norway
IMO No.	9793650
Call Sign.	LDZR
Delivery	April 2017

CONCEPT DESCRIPTION

The vessel is equipped with a modern fish treatment and handling equipment package based on a closed loop live fish cargo handling technology, meeting the requirements for fish welfare in terms of circulation, oxygenation, filtration, UV absorber and RSW cool-down. There is strong emphasis on environmental friendly solutions. This is demonstrated through the design which has provided for space and possibilities to meet future environmental requirements regarding waste of NOx and CO2 as well as ballast water treatment.