



www.macduffshipdesign.com

MACDUFF SHIP DESIGN LIMITED

NAVAL ARCHITECTS / MARINE CONSULTANTS

LOW SHORE
MACDUFF
ABERDEENSHIRE
SCOTLAND
AB44 1RE

TEL. +44 (0)1261 833825
FAX +44 (0)1261 833835
e-mail: ian@macduffshipdesign.com
MOBILE No. 07774 419404 (I. Ellis)

“FILLA” 35.5m GENERAL PURPOSE FERRY SHETLAND ISLANDS COUNCIL



Contract Design: Macduff Ship Design

Detailed Design: NED Poland

Builder: Northern Shipyard, Poland

PRINCIPAL DIMENSIONS

Length Overall:	35.50 m
Length BP:	30.30 m
Breadth Mld:	9.00 m
Depth Mld:	4.20 m

Class: MCA Class B

Llyods + 100AI + LMC Roll On/ Roll Off
Passenger/ Vehicle Ferry Specified Route Service, IWS

TANK CAPACITIES

Oil Fuel:	22,600 lts
Fresh Water:	15,800 lts
Ballast Water:	70,800 lts
Deck Cargo:	36 T
Hold Cargo:	100 T
Passengers:	30

PROPULSION MACHINERY

Main Engines:	2x Mitsubishi S 12R MPTA 671 kw each at 1600 RPM
Gearboxes:	2 x Rolls Royce/ Mekanord 400 HS
Ratio:	5.44:1
Propeller:	2 x Rolls Royce/ Kamewa CP
Diameter:	1750 open
Auxiliaries:	2 x Mitsubishi S6B MPT 190 kw 1 x Mitsubishi 6 D24 114 kw
Bow Thruster:	2 x 150 kw
Rudders:	2 x Rolls Royce High Lift Flap
Car Deck designed for 1 x 36 T HGV or 9 cars	
Passenger Saloon fo 30 people	

DECK MACHINERY

Hydraulic Cargo Hatches	39 T/m
Deck Crane:	Rapp
Capstans:	Rapp
Windlass:	Rapp
FRC and Davit	
MES by LSA	
Stern Ramp	



Registered in Scotland: No. 143359
Registered Office: Johnstone House, 52-54 Rose Street, Aberdeen, AB10 1HA

