



www.macduffshipdesign.com

MACDUFF SHIP DESIGN LIMITED

NAVAL ARCHITECTS / MARINE CONSULTANTS

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“JOHN RAE” 21.4 m Aluminium Pilot Vessel



CONCEPT DESIGN - MACDUFF SHIP DESIGN
PRODUCTION DESIGN AND BUILD - TYOVENE, FINLAND

PRINCIPAL DIMENSIONS

Length Overall (Hull):	21.40m
Length WL:	20.00m
Breadth Moulded:	5.75m
Depth Moulded:	3.15m
Aft Draft:	1.65m

CAPACITIES

Oil Fuel:	6000 Litres.
Fresh Water:	654 Litres.
Crew / Passengers:	12 Persons.

PERFORMANCE

Speed:	21.6 Knots.
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PROPULSION MACHINERY

Main Engines:	2x Doosan 4V222TIM 880 HP at 2100 RPM Each.
Gearboxes:	2x Twin Disc Quickshift MGX 5147.
Ratio:	1.96:1.
Propellers:	Fixed - 5 blade 900 mm.
Auxiliary Engine:	Onan 22.5 kW.

ACCOMMODATION

Cooking, Messing and Overnight Accommodation for 4 crew.

