



www.macduffshipdesign.com

MACDUFF SHIP DESIGN LIMITED

NAVAL ARCHITECTS / MARINE CONSULTANTS

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“ALBA NA MARA” 27.0m RESEARCH VESSEL FISHERIES RESEARCH SERVICES



Builder: Macduff Shipyards, Scotland.

PRINCIPAL DIMENSIONS

Length Overall:	27.00 m.
Length BP:	23.55 m.
Breadth Moulded:	8.80 m.
Depth Moulded:	4.30 m.

PROPULSION MACHINERY

Main Engines:	2 x Mitsubishi S6RMPTKF 630 BHp each x 1600 RPM.
Gearboxes:	2x Reintjes WAF 364L.
Ratio:	4.92:1.
Propellers:	2x fixed pitch 5 blade.
Diameter:	1700mm open.
Auxiliaries:	2 x Scania 220 kw. 1 x Mitsubishi 6D16 82 kw.

Laboratories:	Wet and Dry Labs with freezing facilities.
Accommodation:	9 single berth cabins and 2 double cabins.

Day facilities for 16 persons (incls crew)

Full range of navigation and scientific electronics.

TANK CAPACITIES

Oil Fuel:	45,000 Litres.
Fresh Water:	10,000 Litres.
Lub Oil:	1,000 Litres.
Hyd Oil:	1,000 Litres.

DECK MACHINERY

3 x Split Winches:	12.0 t core pull.
2 x Auxe Winches:	3.4 t core pull.
1 x Split Net Drum:	2 x 8 t core pull.
Slip Ring Winch:	30 channel 700m x 30mm.
Slip Ring Winch:	6 channel 600m x 8.1mm.
Crane:	12.0 t/m with winch.
Powerblock Crane:	8.0 t/m.
Gilson Winch:	3.0 t core pull.
Anchor Windlass:	2.5 t pull.
Electro-Hydraulic Power Packs	
Gamma Frame:	3.0 t pull.



Registered in Scotland: No. 143359
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