



seaworks

MV SOUTHERN CROSS

VESSEL SPECIFICATIONS



45M MONOHULL RESEARCH VESSEL

PRINCIPAL PARTICULARS

Classification	Special Purpose / Research (TBC)
Year Built	1995
Call Sign	H4TR / IMO 9135418
Length O.A	45.00 m
Beam	7.40 m
Maximum Loaded Draft	4.11 m
Gross Tonnage	319 tonnes
Speed	12 Knots maximum 9.5 Knots economical

MACHINERY AND EQUIPMENT

Main Engine	Niigata 6MG25HX 1103KW @ 750 RPM Kamome Controllable Pitch Prop
Bow Thruster	Kamome TCA-30 3 Tonne
Generators	2 x Niigata 6NSF-G 185kW @1200RPM
Harbour Generator	HINO H07D-C 72kW
Aft Deck Crane	Haoyo Marine Crane 1.5t@10m, 4t@4m
Boat Deck Crane	Hiab 081-3 0.7t@9.6m, 1.72t@4.3m
Rescue Boat	VIKING NORSAFE Matrix – 450MK1

FUEL CONSUMPTION

Transit at 9.5 knots	2200 litres / day (700 RPM and 15 deg pitch)
----------------------	---

CAPACITIES

Fuel (MGO)	74,250 litres
Fresh Water	22,000 litres
Fresh Water Production	10,000 litres/day

ACCOMMODATION

Total Berths	17
Single Berth Cabins	5
Double Berth Cabins	6
Other	Galley (1) Showers (8) Lounge/Mess (1) Heads (9)

NAVIGATION

Plotter	Furuno Navnet TZE TZT19F
AIS	Furuno F-170 & Jotron AIS SART
GPS	Furuno Denki GP500 mk 2
Sounder	Furuno FC-1500L
Autopilot	Tokyo Keiki PR-2604-SS and Furuno Navpilot 711C
Gyro Compass	Tokyo Keiki TG-6000
Magnetic Compass	Tokimec SH
Navtex	NCR-300A
MF/HF SSB	Samyung SRG-3150DN
VHF	2 x JHS-32A
LRIT/Inmarsat	C Cobham Sailor 3027 Mini-C Terminal

www.seaworks.co.nz

ISO 9001/ ISO 14001/ ISO 45001 Assured Suppliers of Specialist Support Vessels and Marine Services

*While Seaworks strives to make this information as accurate as possible, it makes no guarantees about the accuracy and disclaims liability for errors