



MULTIPURPOSE FISHERIES OCEANOGRAPHIC RESEARCH VESSEL

SHIPOWNER: Environment Agency - Abu Dhabi (EAD)

MAIN PARTICULARS

Length o.a.:	47.10 m.
Length pp. abt.	45.00 m.
Beam:	12.00 m.
Depth to main deck:	5.95 m.
Depth to upper deck:	8.55 m.
Scantling draft:	4.20 m.
Speed:	13.00 knots
Endurance:	25 days at 11 knots

CAPACITIES

Diesel Oil:	342 m ³
Fresh water:	68 m ³
Ballast water:	117 m ³
Lub Oil:	21 m ³
Black/grey water:	17 m ³

CLASIFICATION:

LR ✕ 100A1, UMS, DP(AM), CAC(3), BWTS ✕ LMC

COMPLEMENT

29 persons : 18 crew + 11 scientifics

PROPULSION

Type: Twin screw. 2 x Controllable pitch propellers D: 2500mm
Main engines:

2 x 1840 kW @ 1800 rpm, MTU 16V4000M53

Generator sets:

2 x 650 kWe @ 1500 rpm, MAN D2862LE321

Emergency generator:

1 x 248 kWe @ 1500 rpm, VOLVO PENTA D13MG(FE)RC

Shaft Alternators (PTI):

2 x 200 kWe @ 1485 rpm

Maneuvering Thrusters:

Bow: 1 x 195 kW @ 1500 rpm, ZF TT 2001FP, L-DRIVE

Stern: 1 x 262 kW @ 1500 rpm, ZF TT 3001FP, L-DRIVE



FREIRE
SHIPYARD

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification

