



Specifications

Research Guard Support vessel "ARY"



Main Details:

Year of construction: 1980
Refurbished: 2014
Vessel Name: "ARY"
Flag: Vanuatu
IMO Number: 8928480
Call Sign: YJQJ5
MMSI: 577031000
Official number : 2098
Class : RINA

Dimensions:

L.o.a : 36.80 Mtrs.
Width : 8.40 Mtrs.
Draught : 3.42 Mtrs
Net Tonnage : 85.00
Gross Tonnage : 284.00

Generator(s):

1x Delco Corp Mod NE7193 50kW

Aux. Engines :

3 x Cummins 80kW

Main engine(s):

2x GM Diesel 16V total power 2x 598 kW

Propulsion system:

Propeller : 2x fixed propellers diam 1700 mm

Bow Thruster(s):

1 tunnel thruster 90 kW

Anchor(s):

400kg anchor with 220mtr chain

Crane(s)/Lifting material:

Deck Crane(s) : 1x Palfinger 1.000 kg

Safety Equipment:

Life Rafts : Solas Approved 2x 12 pers.

Special features:

Search light : 1x Imax 1200 Watt

Bollard pull : 10 ton

Towing hook with quick release & capstan

Communication Equipment:

GMDSS : A1 – A2 – A3
Radio Telephone : 1x Furuno FS 1562-15
VHF Radio : 1x Furuno FM 8500 with DSC
: 1x Sailor RM-2048
Portable VHF : 2x Sailor SP 311 GMDSS
Inmarsat Sat-C : 1x Sailor
AIS : 1x Furuno FA 100
E.P.I.R.B. : 1x McMurdo E5 100-07988
S.A.R.T. : 1x McMurdo S4 005520

Navigation Equipment:

Radar : 1x Furuno FR 2117 12 KW
: 1x Furuno Navnet 4 KW
GPS Navigation : 2x Furuno GP-36
Echo Sounder : 1x Furuno FCV
Sonar : n/a
Navtex : 1x Furuno NX500
Gyro Comass : 1x Robertson RGC 50
Sat.Compass : 1x Furuno SC 60
Magnetic Comp. : 1x Observator
Automatic Pilot : 1x Furuno NAV Pilot/500
Electronic Charts : 2x MaxSea Chartplotter

Bunker/Storage capacity:

Fresh Water : 45m3
Fuel Oil : 290m3
Clear Deck : 105 m²
Freezer : 4 m³ below deck
Dry Storage : 12 m³ below deck

Speed/Fuel Consumption:

Max Speed 10.5 knots : 4200 ltr/24 hrs
Eco Speed 9.5 knots : 2600 ltr/24 hrs
Guard Duty : 600 ltr/24 hrs

Watermaker(s):

FW Maker : 1x Monoflo MF
Capacity : 1x 500 ltr / 24h.

Accommodation (fully air conditioned):

Accommodation : 11 persons total
Berths : 5 x 1 berth cabin
: 3 x 2 berth cabin