



Offshore, Guard & Support

# 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 : 78.00  
Gross Tonnage : 262.00

### 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):

1thunnel thruster 100l kW/HP

### 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 Compl. : 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

E-mail : Ary@DBconnect.com

### 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 m<sup>2</sup>  
Freezer : 4 m<sup>3</sup> below deck  
Dry Storage : 12 m<sup>3</sup> below deck

### Speed/Fuel Consumption:

Max Speed 15 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