

## “AQUARIUS”

Research / Guard / Support Vessel



### SPECIFICATION SHEET

**Year of construction:** 1970  
**Refurbished:** 2009  
**Vessel Name:** “Aquarius”  
**Flag:** Vanuatu  
**IMO Number:** 8862636  
**Call Sign:** YJQG9  
**MMSI:** 576483000

**Dimensions:**  
 L.o.a : 39.80 Mtrs.  
 Width : 8.00 Mtrs.  
 Draught : 4.20 Mtrs  
 Net Tonnage : 99.00  
 Gross Tonnage : 331.00

**Generator(s):**  
 Main Generator : 2x John Deere model 6068  
 1x Cummins BT5.8  
 Emergency Gen. : 1x Deutz 40 kW

**Main engine(s):**  
 Cummins : 1 x KTA38

**Propulsion system:**  
 Propeller : 1 x 4 blades

**Bow Thruster(s):**  
 1x tunnel type thruster 100 HP

**Anchor(s):**  
 1x 400kg anchor with 220mtr chain

**Crane(s)/Lifting material:**  
 Deck Crane(s) : 1x hydraulic crane 1500 kg

**Deck Equipment:**  
 Anchor Windlass : 1x Double

**Safety Equipment:**  
 Life Rafts : Solas Approved 2 x 16 pers.

**Special features:**  
 Search light : 1x Imax 1200 Watt

#### Communication Equipment:

GMDSS : A1 – A2  
 MF/HF radio : 1x Furuno FS 1562  
 SSB Radio : 1x Furuno FS 1562  
 VHF Radio : 2x Sailor RT-144  
 : 1x Sailor RM-2042 with DSC  
 Portable VHF : 3x Make SRH-50 GMDSS  
 A.I.S. : 1x Furuno FA 100  
 E.P.I.R.B. : 1x JotronTron 40S  
 S.A.R.T. : 1x JotronTronsart 15096

#### Navigation Equipment:

Radar : 1x Furuno FR-2115 with ARPA  
 1x Furuno FR-2117 with ARPA  
 GPS Navigation : 2x Furuno GP-80  
 Echo Sounder : 1x Furuno  
 Navtex : 1x JRC NCR 333  
 Gyro Comass : 1x Tokimec TG-3000  
 Sat.Compass : 1x Furuno SC 60  
 Magnetic Comp. : 1x Observator  
 Automatic Pilot : 1x Robertson AP 45  
 Electronic Charts : 2x MaxSea Chartplotter

#### Bunker/Storage capacity:

Fresh Water : 24 m<sup>3</sup>  
 Fuel Oil : 48 m<sup>3</sup>.  
 Clear Deck : 80 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 : 3000 ltr/24 hrs  
 Eco Speed 8.0 knots : 2200 ltr/24 hrs  
 Guard Duty : 1400 ltr/24 hrs

#### Watermaker(s):

FW Maker : 1x Aquamar  
 Capacity : 1 m<sup>3</sup>/per day

#### Accommodation (fully air conditioned):

Accommodation : 12 persons  
 Berths : 3 x 2 pers. & 6 x 1 pers.