

Specifications Research Guard Support vessel “Aquarius”

Main Details:

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 : 4.50 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 Compl. : 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

E-mail : guardaquarius@gmail.com
 Sat.Phone : +31 255 760020

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 m³
 Fuel Oil : 48 m³.
 Clear Deck : 80 m²
 Freezer : 4 m³ below deck
 Dry Storage : 12 m³ below deck

Speed/Fuel Consumption:

Max Speed 11.5 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 m³/per day

Accommodation (fully air conditioned):

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