

Specification for Guard ship M/V NORNA

Owner:	Eagle Shipping Ltd BVI Reg. nr 49381 E-mail info@eagleshippingltd.com Web page www.eagleshippingltd.com
Owners IMO nr:	1996368
Type of Ship:	Guard, Fishery protection, accommodation, Research.
Date of build:	1988
Built by:	Richards Shipbuilders, Lowestoft, UK.
Flag:	St. Vincent and the Grenadines.
SVG Official nr:	10944
Port of registry:	Kingstown.
Call Sign:	J8B4471
IMO nr:	8608341
MMSI nr:	376787000
History:	The vessel was built in 1988 for the Scottish Fishery Protection Service to be used around the World, Scottish coast, Outer Hebrides and Scandinavia. The hull and equipment was built with increased framing in the fore ship to basic Ice Class, twin screw/bow thruster, fully stabilized (passive & active) with a top maintained speed of 18 knots which is perfect for a Support, Guard, research vessel or private explorer Yacht.
Gross ton:	1385
Net ton:	415
LOA:	71.33 m
LBP:	64.01 m
Beam:	11.61 m
Draught:	4.6m
Safe height:	19.5 m
Class Society:	Lloyds Register.
Class Notation:	*100A1, *LMC, UMS Unrestricted Navigation.
Class Status:	Special Survey, 2008, OK up to 2013 Hull, Continues Survey. All up to date. Machinery, Continues Survey. All up to date. She was built as number 3 in a series of 3. Decommissioned in the end of October 2010.
Tank capacity:	Fuel 192 ton Ballast water 163 ton Fresh Water 60 ton
Water maker:	Alfa-Laval JWP-26-C50, 5 ton per 24 hours

Main Engines:	2 x Ruston AT350 (M) 2.238 KW each Serial No. (Port) IH 9399 (STB) IH 9400
Gear Boxes:	2 X Ulstein (Rolls Royce) 600 AGSC-S-B-KP Serial No. (Port) F1316 (STB) F1317
Propulsion:	2 x CPP Propeller diam. 2.900 mm / 4 blade 217 Rpm
Speed:	1 engine: 8 knots on 4 MT/24 hours 2 engines: 14 knots on 10 MT/24 hours 2 engines: 16-17 knots
Rudders:	2 X Becker
Steering Gear:	2 X Willi Becker
Bow Thruster:	1 X Ulstein (Rolls Royce) Type 90TV-A 368 KW
Shaft Generators:	2 X Newage 600 KW.
Auxiliary Diesels:	2 X Gardner 6LTYi 202 KW
Auxiliary Generator:	2 X Newage 190 KW
Start Air compressors:	2 X Hamworthy 2SM 20A 35 40 m ³ / hour at 25 bar.
Separators for Fuel:	1 X Alfa Laval VHPX 405 TGD-24-50
Separator for Lub oil:	2 X Alfa Laval VHPX 405 TGD-24-50
Separator for Oily water:	1 X Hamworthy HS. 2,5 MK II 2,5 m ³ / Hour
Ships Voltage:	415v 50Hz or 220v 50Hz
Stabilizers:	2 X Brown Brothers (Rolls Royce) passive & active.
Sewage:	EVAC Envirovac Vacuum system and Super Trident Marine Sewage Treatment plant 3.100 LIT / DAY
Incinerator:	1 X Hamworthy Engineering Ltd oil (20 l/Hour) solid waste 400mm X 450mm
Deck equipment:	2 X Windlass Clark Chapman Electro hydraulic Chain Pull 8 ton at 19m / min 1 X Rib boat Delta Diesel in 3.0 ton Davit with fuelling station. 1 X Rib Boat Artic Gas outboards in 2.5 ton Davit.
Spare Parts:	Very extensive list of spare parts. Value of about Euro € 300.000
Firefighting system:	Fire Alarm Minerva Marine / Thon T881 Fire Alarm Fire pump Hamworthy B3X2VP 40 m ³ , 45 m high Fire pump Emergency pump Hamworthy ECB 35 m ³ , 45 high Fire pump Emergency motor Lister 2 cylinder Diesel 80 HP
Safety Equipment:	Rescue/MOB boat fully classed according to Solas Life Rafts 4 X 16 person 2 X 12 persons 29 X Immersion suits 36 X Life wests
Breathing apparatus:	5 X EEBA

Bridge

3 X Full maneuver stations with full alarms.
1 X Gyro compass Sperry MK 37 Model D/E.
2 X Gyro compass repeater Sperry
1 X Autopilot/Steering control Sperry SRP 680
1 X Radar Sperry Bridge Master E
1 X Radar Decca Bridge Master
2 X GPS Simrad GN 30
1 X GPS Litton LMX 420 GPS
1 X Chart Plotter Vision master FT
1 X Monitor Syncmaster 913 - Samsung
1 X Log Sperry SRD-331
1 X Navigational Echo sounder Furuno FE 700
1 X Weather Fax Furuno DFAX 207
1 X AIS SAAB R4
1 X SSAS Trane & Trane TT3000SSA Ship Security Alert System
1 X Digitron 8754 Sea temp, Air temp, Air wet or dry
1 X Wind speed and direction MUNRO
1 X GMDSS Sailor Compact Station Area 3.
1 X Satellite Phone Sailor Mini-M SP 4164 A
2 X VHF DSC Sailor RT 2042
1 X VHF Sailor RT 146 Duplex
3 X VHF Sailor Handheld SP 3520
1 X Navtex ICS Nav 5

EPIRB:

1 X Jotron Tron 40S

Radar Transponder:

2 X Mc Murdo S4

Radar transponder:

1 X MC Murdo RT9-3

Satellite TV to all Cabins,

mess and day rooms:

Phone system throughout the Ship.

Accommodation:

Total Cabins.

24 whereof 19 single and 5 double

Forecastle deck.

Captain's cabin with day room/office, bedroom and bath room.

Chief engineer's cabin with day room/office, bedroom and bath room.

Big double cabin with bathroom.

Ships office no. 1

WC for bridge.

Upper deck.

5 Single cabins with bath rooms.

2 Double cabins with bath rooms.

1 Recreation / gym room (Possible cabin with bathroom)

1 Pantry with food elevator from galley.

1 Mess room.

1 Day room with bar and fireplace.

1 Officers laundry with 2 Washing machines, 1 dryer.

1 Ships office no. 2

1 Smokers room with special ventilation.

Lower deck.

12 Single cabins (possible to change to double)

2 Double cabins.

5 Bath's rooms with showers.

2 mess rooms

1 day room.

1 Crew's laundry room, 2 Washing machines, 1 dryer.

1 Galley complete.

1 Provision room with 3 freezers

1 Cold vegetable room.

3 refrigerators.

2 Cooks dry store.

1 Garbage store.

All garbage can be burnt in the Incinerator