



VIKING EXPLORER



GENERAL	
Survivor Class	Group 'B' (Up to 300 Survivors)
Place of Build	Astilleros Zamakona, Bilbao, Spain
Vessel Type	Field Support Vessel
Year Built	2007
Port of Registry	Aberdeen
Flag	British
Call Sign	MQHL9
Class	Lloyds Register +100 A1+LMC, UMS

PRINCIPLE DIMENSIONS	
Length Overall	55.20 metres
Beam	12.70 metres
Rescue Draft	4.50 metres
Net Registered Tonnage	429
Gross Registered Tonnage	1,433
Freeboard at Rescue Zone	1.75 metres

MACHINERY & PROPULSION	
Main Propulsion Number	2
Main Propulsion	Schottel STP-550 Twin Prop Azimuths
Main Propulsion Type	SES Diesel-Electric System
Main Propulsion Power Source	4 of Caterpillar C18 Marine Diesels
Total Propulsive Power	1500 kW
Side Thrusters Number	1
Side Thrusters Type	Electric Tunnel Thruster
Side Thruster Power Source	Diesel Electric Propulsion System
Side Thruster Output Power	450 kW
Rudders	Azimuth Propellers

PERFORMANCES	
Fuel Consumption at Max Speed	5.5 tonnes per day @ 12.9 knots
Fuel Consumption at Economic Speed	3.0 tonnes per day @ 10 knots
Idling Fuel Consumption	0.8 tonnes per day

ADDITIONAL CAPABILITIES	
Water Capacity	400 cubic metres
Fuel Capacity	340 cubic metres
Dispersant Booms	2 x Warren Springs
Dispersant Pumping System	Ayles Fernie 'Clearspray' System
Dispersant Capacity	5.00 tonnes
Dispersant Type	Clients Supply
Towing Arrangements	Cruciform Bollard Centreline Aft
Deck Cargo Carrying Area	200 Square Metres

ACCOMMODATION	
Crew Accommodation	8 Single Cabins - 7 Double Cabins
Total Crew Accommodation Capacity	22 Berths
Number of Seats (Survivors)	75
Number of Bunks (Survivors)	20

COMMUNICATIONS EQUIPMENT	
GMDSS MF Radio System	One (1)
GMDSS HF Fixed Radios	Two (2)
GMDSS Portable Radio's	3 x Sailor SP3000 Handhelds
VHF Radio 1 & 2 Non GMDSS	Sailor 4800 VHF
Portable VHF Radio's	3 x Entel HT840 VHF
Broadband	Yes
Satellite Communications (Voice and Fax)	Yes
E-mail	Yes
Mobile Phone	Yes
E.P.I.R.B	Sailor 406Mhz Satellite
S.A.R.T (No. and Type)	2 x Sailor SART II
Hospital Communications	VHF & MF
UHF Base Station Radio	ICOM F210 UHF
GMDSS Compliance	Area A3

NAVIGATION EQUIPMENT	
Radar No. 1	JRC MA-5310-6 10kW 'X' Band
Radar No. 2	JRC JMA-5330-12-'S' Band
GPS Navigator	2 DGPS 212 Differential GPS J-Nav 500
Echo Sounder	JRC JFE-585
Navtex	JRC NCR-333
VHF Direction Finder	Taiyo TD-L 1550
Gyro Compass	2 x Raytheon
Automatic Pilot	Navitron NT951G Auto-Pilot
Joystick Manoeuvring System	Schottel Masterstick Fixed & Portable

SURVIVOR RECOVERY/RESCUE EQUIPMENT	
Rescue Craft No 1 Type	15 man - MP1000 Fast Rescue DC
Davit No 1 Type	Grampian Hydraulics Scorpion Davit
Davit No 1 Safe Working Load	7.5 tonnes
Davit No 1 Secondary Lift	Electro-Hydraulic
Rescue Craft No 2 Type	15 man - MP Weedo 700
Davit No 2 Type	Grampian Hydraulics GD5 Davit
Davit No 2 Safe Working Load (SWL)	3.5 tonnes
Davit No 2 Secondary Lift	Electro-Hydraulic

ADDITIONAL RESCUE/RECOVERY FACILITIES	
Mechanical Recovery Type	1 of 7m Dacon Scoop
Overside Rescue Zones Size	Port 7m, Stbd 5m
Emergency Helicopter Winching Area	Foredeck and Aft Maindeck
Rescue Basket	Dacon Type
Searchlights	2 x 360° on Bridge Top
Vessel Self Drenching Capacity	5 litres/square metre/minute

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure that accuracy of the information represented within this document, no guarantees of accuracy can be given.