



VOS Guardian

Emergency response and rescue vessel

Vessel number 3442

GENERAL

Survivor Class	Group 'B' (up to 300 survivors)
Builder	Yorkshire Drydocks, Hull, England
Vessel type	Purpose-built ERRV
Year built/Converted	Purpose built in 1993
Port of registry	Leith
Flag	United Kingdom
Call sign	MSHE2
Class	Lloyd's Register +100 A1 +LMC

PRINCIPAL DIMENSIONS

Length overall (LOA)	50.07 m
Beam	12.70 m
Summer draft	4.51 m
Net registered tonnage	365
Gross registered tonnage	1,218
Freeboard at rescue zone	1.70 m

MACHINERY & PROPULSION

Main propulsion number	2
Main propulsion power source	2x Caterpillar 3508 51D Marine Diesels
Main propulsion type	Aquamaster Azimuths UL 601
Total BHP	1,920
Secondary propulsion number	1
Secondary propulsion type	Aquamaster Azimuth Thruster
Secondary propulsion source	Caterpillar 3412
Secondary propulsion power	624 BHP
Rudders	Azimuths only

PERFORMANCE

Fuel consumption at max speed	Approx. 5.1 tonnes per day @ 11 knots
Fuel consumption at economic speed	Approx. 3.7 tonnes per day @ 8 knots
Fuel consumption in standby mode	Approx. 1.1 tonnes per day

ADDITIONAL CAPABILITIES

Water capacity	157 m ³
Fuel capacity	245 m ³
Dispersant booms	2 x Warren Springs
Dispersant pumping system	Electric pump
Dispersant capacity	16.00 tonnes
Dispersant type	Agma DR379 (Type 2/3)
Bollard pull	29 tonnes
Towing arrangements	Towing hook and 1,000 m line
Clear deck area	40 m ²

ACCOMMODATION

Crew accommodation	10 singles + 2 doubles
Total crew accommodation capacity	14

COMMUNICATIONS EQUIPMENT

MF radio	Yes
VHF radio	Yes
Portable VHF radios	Yes
Broadband	Yes
Satellite communications (voice and fax)	Yes
Email	Yes
Mobile phone	Yes
E.P.I.R.B.	Yes
S.A.R.T. (no. and type)	2
Hospital communications	Yes
UHF radio 1	Yes
GMDSS compliance	Yes

NAVIGATION EQUIPMENT

Radar no. 1	Yes
Radar no. 2	Yes
GPS navigator	Yes
Echo sounder	Yes
Navtex	Yes
VHF direction finder	Yes
Gyro compass	Yes
Automatic pilot	Yes

SURVIVOR RECOVERY/RESCUE EQUIPMENT

Rescue craft no. 1 type	15 man - MP1000 daughter craft
Davit no. 1 type	Caley motion-compensated
Davit no. 1 safe working load (SWL)	8 metric tonnes
Davit no. 1 secondary lift	Diesel/hydraulic
Rescue craft no. 2 type	15 man - Norsafe Magnum FRB 13170
Davit no. 2 type	Caley Motion-Compensated
Davit no. 2 safe working load (SWL)	3.3 metric tonnes
Davit no. 2 secondary lift	Hydraulic

ADDITIONAL RESCUE/RECOVERY FACILITIES

Mechanical recovery type	Dacon Scoop
Overside rescue zones size	2 x 10 m
Rescue basket	Cosalt Type 6 man
Night vision equipment	Simrad goggles and binoculars
Searchlights	2 x manual on bridge top
Vessel self-drenching capacity	100 nozzles 1,000 litres/min/ at 3 bar
Fire monitors - number	2 x Spray + Jet
Fire monitor throw	90 m
Monitors total capacity	500 m ³ /hr

Number of seats (survivors)	153
Number of bunks (survivors)	23

18/09/2022

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented, no guarantees of accuracy can be given. For enquiries, kindly email us at chartering@uk.vroonoffshore.com.