



# VOS Innovator

## Field-support vessel

Vessel number 3475

### GENERAL

Survivor Class	Group 'B' (Up to 300 survivors)
Builder	Astilleros Zamakona, Bilbao, Spain
Vessel type	Field-support vessel
Year built	2007
Port of registry	Aberdeen
Flag	United Kingdom
Call sign	MVAW6
Class	Lloyd's Register +100 A1+LMC, UMS

### PRINCIPAL DIMENSIONS

Length overall (LOA)	55.20 m
Beam	12.70 m
Summer draft	4.50 m
Net registered tonnage	429
Gross registered tonnage	1,433
Freeboard at rescue zone	1.75 m

### MACHINERY & PROPULSION

Main propulsion number	2
Main propulsion power source	4 x Caterpillar C18 Marine Diesels
Main propulsion type	SES diesel-electric system
Main propulsion	Schottel STP-500 Twin Prop Azimuths
Total propulsive power	1,500 kW
Side thrusters number & type	1 - Electric tunnel thruster
Side thruster power source	Diesel electric propulsion system
Side thruster output power	450 kW
Rudders	Azimuth propellers

### PERFORMANCE

Fuel consumption at max speed	Approx. 5.5 tonnes per day @ 12.9 knots
Fuel consumption at economic speed	Approx. 3.0 tonnes per day @ 10 knots
Fuel consumption in standby mode	Approx. 0.8 tonnes per day

### ADDITIONAL CAPABILITIES

Water capacity	400 m <sup>3</sup>
Fuel capacity	340 m <sup>3</sup>
Dispersant booms	2 x Warren Springs
Dispersant pumping system	Ayles Fernie 'Clearspray' System
Dispersant capacity	5 tonnes
Dispersant type	Client's supply
Deck cargo carrying area	200 m <sup>2</sup>
Towing arrangements	Cruciform bollard centreline aft

### ACCOMMODATION

Crew accommodation	15 cabins (8 singles + 7 doubles)
Total crew accommodation capacity	22
Number of seats (survivors)	75
Number of bunks (survivors)	20

### COMMUNICATIONS EQUIPMENT

GMDSS MF radio	Yes
GMDSS HF fixed radio system	Yes
GMDSS portable radios	Yes
VHF radio 1 & 2 non GMDSS	Yes
Portable VHF radios	Yes
Broadband	Yes
Satellite communications (voice & 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 & 3	Yes
GPS navigator	Yes
Echo sounder	Yes
Navtex	Yes
VHF direction finder	Yes
Gyro compass	Yes
Automatic pilot	Yes
Joystick manoeuvring system	Yes

### 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 (SWL)	7.5 metric 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 metric 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 main deck
Rescue basket	Dacon type
Searchlights	2 x 360° on Bridge Top
Vessel self-drenching capacity	5 litres/square metre/minute

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