



VOS Grace

Field-support vessel

Vessel number 3524

GENERAL

Survivor Class	Group 'B' (up to 300 survivors)
Builder	Fujian Southeast Shipyard
Vessel type	Field-support vessel
Year built	2015
Port of registry	Aberdeen
Flag	United Kingdom
Call sign	2HEO2
Class	Lloyd's Register

PRINCIPAL DIMENSIONS

Length overall (LOA)	60.00 m
Beam	15.00 m
Summer draft	5.014 m
Net registered tonnage	590
Gross registered tonnage	1,969
Freeboard at rescue zone	1.112 m

MACHINERY & PROPULSION

Main propulsion number	2
Main propulsion power source	Mechanical marine diesel Caterpillar
Main propulsion type	2 x variable pitch propeller
Total power output	2,800 kW
Side thrusters number	3
Side thrusters type	Retractable azimuth, bow and stern
Side thruster power source	Electrical
Side thruster power output	400 kW each
Rudders	2

PERFORMANCE

Fuel consumption at max speed	Approx. 12 tonnes per day @ 14 knots
Fuel consumption at economic speed	Approx. 8 tonnes per day @ 10 knots
Fuel consumption in standby mode	Approx. 1 tonne per day

ADDITIONAL CAPABILITIES

Water capacity	794.94 m ³
Fuel capacity	572.3 m ³
Dispersant booms	2
Dispersant pumping system	Grundfoss Pump 6m ³ / hr
Dispersant capacity	5 tonnes
Dispersant type	As required by charterer
Deck cargo carrying area	300 m ²
Towing arrangements	Emergency towing only

ACCOMMODATION

Crew accommodation	15 cabins (7 singles + 8 doubles)
Total crew accommodation capacity	23
Number of seats (survivors)	66
Number of bunks (survivors)	26

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 x Sailor SART II
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
Dynamic positioning	Maritime Technologies DPS-2
Joystick manoeuvring system	Yes

SURVIVOR RECOVERY/RESCUE EQUIPMENT

Rescue craft no 1 type	Delta 15 person daughter craft
Davit no. 1 type	MacGregor HMD G80
Davit no. 1 safe working load (SWL)	8 metric tonnes
Davit no. 1 secondary lift	Electric/hydraulic
Rescue craft no. 2 type	Kossen 15 person fast rescue craft
Davit no. 2 type	MacGregor HMD G40
Davit no. 2 safe working load (SWL)	4 metric tonnes
Davit no. 2 secondary lift	Electric/hydraulic

ADDITIONAL RESCUE/RECOVERY FACILITIES

Mechanical recovery type	Dacon Scoop
Overside rescue zones size	2 x 5 metres
Emergency helicopter winching area	1 x Fwd, 1 x Aft
Rescue basket	1 x 6 man
Searchlights	2 x Fwd, 2 x Aft
Vessel self-drenching capacity	530 m ³ p/hr

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