



VOS Fairness

Emergency response and rescue vessel

Vessel number 3421

GENERAL

Survivor Class	Group A (> 300 survivors)
Builder	Nanjing East Star, China
Vessel type	ERRV
Year built	2014
Port of registry	Aberdeen
Flag	United Kingdom
Call sign	2GGY9
Class	Lloyd's Register

PRINCIPAL DIMENSIONS

Length overall (LOA)	50 m
Beam	13.20 m
Summer draft	3.75 m
Net registered tonnage	397
Gross registered tonnage	1,325
Freeboard at rescue zone	<1.75 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	1,640 kW
Side thrusters number	1
Side thrusters type	Retractable azimuth, bow thruster
Side thruster power source	Electrical
Side thruster power output	440 kW
Rudders	2

PERFORMANCE

Fuel consumption at max speed	Approx. 8 tonnes per day @ 12 knots
Fuel consumption at economic speed	Approx. 6 tonnes per day @ 10 knots
Fuel consumption in standby mode	<1 tonne per day

ADDITIONAL CAPABILITIES

Water capacity	200 m ³
Fuel capacity	250 m ³
Dispersant booms	2
Dispersant pumping system	Grundfoss Pump 6m ³ / hr
Dispersant capacity	5 tonnes
Dispersant type	Client's supply
Bollard pull	N/A
Towing arrangements	Emergency towing only

ACCOMMODATION

Crew accommodation	15 cabins (8 singles + 7 doubles)
Total crew accommodation capacity	22
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 (SAILOR)
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	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	Delta 15 person fast rescue craft
Davit no. 2 type	MacGregor HMD G40
Davit no. 2 safe working load (SWL)	8 metric tonnes
Davit no. 2 secondary lift	Electric/hydraulic
Additional rescue craft	Kossen 15 person fast rescue craft
Davit no. 3 type	MacGregor HMD G40
Davit no. 3 safe working load (SWL)	4 metric tonnes
Davit no. 3 secondary lift	Electric/hydraulic

ADDITIONAL RESCUE/RECOVERY FACILITIES

Mechanical recovery type	Dacon Scoop
Overside rescue zones size	2 x 5 mt
Emergency helicopter winching area	Yes
Rescue basket	1 x 6 man
Searchlights	2
Vessel self-drenching capacity	Yes
Fire monitors - number	N/A
Fire monitor throw	N/A
Monitors total capacity	N/A

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