

# VOS RANGER (3432)



## GENERAL

Survivor Class	Group 'A' (>300 Survivors)
Place of Build	Baatserv, Verft, Norway
Vessel Type	Purpose Built ERRV
Year Built/Converted	1983
Port of Registry	Montrose
Flag	British
Call Sign	GJSQ
Class	Det Norske Veritas +1A1

## PRINCIPAL DIMENSIONS

Length Overall	46.80 Metres
Beam	11.02 Metres
Summer Draft	6.4 Metres
Net Registered Tonnage	204
Gross Registered Tonnage	680
Freeboard at Rescue Zone	0.80 Metres

## MACHINERY & PROPULSION

Main Propulsion Number	2
Main Propulsion Power Source	2x Caterpillar 3512 Marine Diesels
Main Propulsion Type	Aquamaster Azimuthing Thrusters
Total BHP	2,330
Rudders	Azimuths only

## PERFORMANCES

Fuel Consumption at Max Speed	Approx. 8.5 tonnes per day @ 10 knots
Fuel Consumption at Economic Speed	Approx. 6.0 tonnes per day @ 9 knots
Fuel Consumption in standby mode	Approx. 0.5 tonnes per day

## ADDITIONAL CAPABILITIES

Water Capacity	84 m <sup>3</sup>
Fuel Capacity	157.5 m <sup>3</sup>
Dispersant Booms	2 x Warren Springs
Dispersant Pumping System	Rotary Electric
Dispersant Capacity	5.00 Tonnes
Dispersant Type	Agma DR 379 (Type 2/3)
Bollard Pull	25 Tonnes
Towing Arrangements	Towing Winch - RAPP HYDEMA

## ACCOMMODATION

Crew Accommodation	6 Single Cabins - 6 Double Cabins
Total Crew Accommodation Capacity	18 Berths
Number of Seats (Survivors)	76
Number of Bunks (Survivors)	29

## COMMUNICATIONS EQUIPMENT

MF radio	Yes
VHF Radio	Yes
Portable VHF Radio's	Yes
Broadband	Yes
Satellite Communications (Voice and Fax)	Yes
E-mail	Yes
Mobile Phone	Yes
E.P.I.R.B	Yes
S.A.R.T (No. and Type)	1
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 - Halmatic Arctic 22
Davit No 1 Type	Veste A-Frame Davit
Davit No 1 Safe Working Load	3.0 Metric Tonnes
Davit No 1 Secondary Lift	Hydraulic
Rescue Craft No 2 Type	15 man - Halmatic Arctic 22
Davit No 2 Type	Veste A-Frame Davit
Davit No 2 Safe Working Load (SWL)	3.0 Metric Tonnes
Davit No 2 Secondary Lift	Hydraulic
Additional Rescue Craft	15 man - Avon Searider

## ADDITIONAL RESCUE/RECOVERY FACILITIES

Mechanical Recovery Type	Sealift Hydraulic Basket (20 man)
Overside Rescue Zones Size	2 x 10 Metres
Rescue Basket	Cosalt Type 6 man
Emergency Helicopter Winching Area	Forward Main Deck
Searchlights	3 x Manual on Bridge Top
Fire Monitors - Number	2 x Spray Jet
Fire Monitor Throw	60 Metres
Monitors Total Capacity	180m <sup>3</sup> at 8 bar
Vessel Self Drenching Capacity	69 nozzles, 210m <sup>3</sup> /hr

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