



Name.	GRAMPIAN DEFENDER
Design.	Sentinel Class ERRV
Class / Type	DNV 1A1 SF EO
	UKOOA Class B ERRV
	ZIUB9
Call Sign.	
IMO No.	9235323
MMSI No.	235526000
Built / Yard	2002 VIBORG, Russia & Poland
Mob Phone	
Sat Phone	
VOIP Phone	
Email	
Port of Registry	Aberdeen, Scotland

Dimensions

LOA	47.10 metres
LBP	40.50 metres (approx)
Breadth Moulded	11.0 metres
Draft Loaded / Depth	6.3 metres

Tonnage

GRT	830 Tonnes
NRT	249 Tonnes
DWT	564 Tonnes

Capacities & Cranes

Fuel Oil (MGO) / Connection	490 m ³
Fresh Water / Connection	190 m ³
Ballast Water	Approx 350 m ³
Oil Based Mud / Connection	N/A
Brine / Connection	N/A
DMA (Base Fluid) / Connection	N/A
Dry Bulk(s) / Connection	N/A
Deck Area	Approx 120 m ² (wood sheathed deck)
Deck Loading	2 Tonnes per metre ²
Deck Crane # 1	3.55T @ 9 Metres
Deck Crane # 2	N/A
Deck Crane # 3	N/A
Winch	N/A
Wire Reel	N/A
Deck Tuggers	N/A

Engines / Thrusters / Aux

Main Engine(s)	2 x CAT 3512 units @ 1215 BHP each
Propeller(s)	2 x FPP Azimuths (fwd)
Bow Thruster(s)	As above
Stern Thruster(s)	1 x Stern Azimuthing unit (Elec)
Rudder Systems / Type	N/A (vessel outfitted with 3 x Azimuths)
Aux Engines	2 x Cat 3408 (307 kW per unit)
Shaft PTO's	N/A
Emergency Generators	1 x Cat 3304

Control Systems and Dynamic Positioning

Control Positions	Fwd, Aft consoles
Full Manual Control	Fwd & Aft consoles
Integrated Joystick Control	N/A
Joystick Control	N/A
Dynamic Positioning System	N/A
Fan Beam Laser	N/A
DGPS # 1	N/A
DGPS # 2	N/A
Hydro Acoustic Pos Ref # 1	N/A
Hydro Acoustic Pos Ref # 2	N/A
Vertical Taut Wire	N/A

Rescue & Emergency Response Equipment

Daughter Craft Davit # 1	N/A
Daughter Craft	N/A
Fast Rescue Craft Davit # 1	Hydralift Heave dampened Davit
Fast Rescue Craft	Norsafe NDA 40 - 15 Man (Diesel waterjet)
Fast Rescue Craft Davit # 2	Hydralift Heave dampened Davit
Fast Rescue Craft	Norsafe NDA 40 - 15 Man (Diesel waterjet)
Dacon Scoop	7 Metre Dacon Scoop
Dacon Rescue Crane	3.55t @ 9m
Cosalt Rescue Basket	Fitted & Launched from aft deck
Jason Cradles Frames	Fitted
Winch Area	Located on Aft Main Deck
Emer. Towing Capability	Towing Hook Fitted
Dispersant Tanks	2 x 5 Tonne Tanks
Dispersant Spray Booms	Fully outfitted Port & Starboard
Searchlights	Fitted

Navigation and Communication Equipment

Radar(s) (Fwd)	Bridgemaster ARPA (S)	Bridgemaster (X)
Radar Rptr (Aft)		N/A
ECDIS		N/A
PLB System		N/A
DGPS(s)		2 x Litton LM 420
Gyro(s)		Sperry SR 180
Autopilot		Litton
Magnetic Comp		Fitted
Echo Sounder		Sperry ES 5000
Digital Depth Recorder		N/A
Navtex		Fitted
Sat Comms	Inmarsat C Felcon, Fleet 77 CapSat (A3)	Fully fitted (A3)
MF/HF Radio		3 x UHF Units
UHF		1 x Sperry RJ4822 VHF, ICOM ICM 401E
VHF (Fwd)		1 x Sperry RJ4822 VHF, ICOM ICM 401E
VHF (Aft)		ICOM IC A110
Helo Radio		Jotrun AIS TR 2500
AIS		Taiyo TDL 1550
VHF Direction Finder		Furuno DS 80
Doppler Log		Furuno Felcom
SSAS		3 x Jotrun GMDSS
Portable VHF		6 x ENTEL HT 640 VHF
Portable VHF		3 x ENTEL HT 880 UHF
Portable UHF		2 x Kenwood UHF
Portable UHF		4 x Sonic Helmets Mk 10
Sonic Helmets		ICOM PS1
Smartpatch Phone		

Crew Facilities

Crew Cabins	12 Man Single Berth cabins c/w en suite facilities
Recreation & Leisure	1 Messroom, Sat TV System