

DIVERSE MARINE 22m SOLENT CLASS LIFEBOAT

Fast, Self-Righting Search & Rescue Vessel

09-2026



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The Diverse Marine 22m Solent Class Lifeboat, designed in partnership with Chartwell Marine, has been optimised to provide excellent seakeeping performance in the most extreme conditions whilst providing a steady, dependable platform for rescue operations. The self-righting vessel includes Shoxs suspension seats for up to 8 crew and a 2 x dedicated stretcher areas, which double for survivor seating and further fold up casualty seating in the wheelhouse. There is provision for 24 further survivors seated below deck. Multiple options for propulsion include triple waterjet, twin waterjet, Volvo Penta IPS and even Servogear CPP, to provide versatility to any operator. Optional Seakeeper stabilization is also available.

GENERAL

Construction Material	Aluminium
Classification	If Required
Flag	MCA Workboat Code Category 2, 60nm, MCA Rescue Boat Code

DIMENSIONS

Length Overall	23.00m
Length Hull	20.80m
Beam Overall	6.50m
Maximum Draft	1.10m
Maximum Displacement	50.0T
Crew	6
Seated Survivors	40

TANK CAPACITIES

Marine Gas Oil	10,000 Ltrs
Fresh Water	1,000 Ltrs
Grey Water / Black Water	1,000 Ltrs

PROPULSION (Base Vessel)

Main Engines	3 x MAN D2868LE449
Installed Power	1,986kW
Gearboxes	3 x ZF-Marine ZF2000
Propulsion	3 x Hamilton HTX42 Water Jets
Speed Sprint	35.0 kts (100% MCR)
Speed Service	30.0 kts (85% MCR)
Control System	Hamilton Jet AVX (2 Station)
	JETAnchor Positioning System
Stabilization	Seakeeper 4.5
Ride Control	Humphree Interceptors

ELECTRICAL EQUIPMENT

Network	24v DC, 230V 50Hz AC
Generator	1 x ONAN MDKDN 13.5kW

DECK EQUIPMENT

Anchor	1 x 50Kg Bruce 1 x 30Kg Bruce
Tow Reel	50m Dyneema
Side Fender	Fender Innovation
Safety Track	Harken Track Recessed
Searchlight	Luminell SI LED

FIRE FIGHTING

Engine Space	STAT-X
Fire Fighting	DESMI Pump/Hydrant
Loose Extinguishers	Class/Flag Requirements

ACCOMMODATION

Below Deck	Survivors Cabin Mess Area Galley Heads
Wheelhouse	1 x Diverse Marine Command Helm 6 x All Salt SHOXS 2000 Bench Seat c/w 4P Harnesses Stretcher Position 2 x Stretcher Benches 1 x Foldable Bench Seat Toshiba Air Cooled Reverse Cycle HVAC Underfloor Heating to Wheelhouse
Air Conditioning	
Heating	

NAVIGATION & COMMUNICATION

Main Radar	Furuno DRS4DNXT
Main Electronic Chart	Furuno TZ Pro Work
USP Electronic Chart	Furuno TZT3 Timezero 16"
Helm Monitors	3 x Hatteland X Series 24"
Command Monitor	1 x Hatteland X Series 32" Touch
AIS	Furuno FA170
Satellite Compass	Furuno SC70
GPS Compass	Furuno SCX20
Echosounder	1 x Furuno BBDSI Dual
Communication	2 x Icom GM600 Class A VHF to Wheelhouse 1 x Icom M510 Class D VHF to USP 1 x Jotron TRON TR30 GMDSS 1 x Icom M94D DSC Handheld 1 x 5G/LTE Dual SIM Router 1 x Iridium LT3100S Satphone 1 x Icom GM800 Class A MF/HF Radio 1 x Rhotheta RT-300 Simrad AP70 Furuno LH-5000 Flir M364 CLR 8 x AXIS M5065 PTZ Camera
Direction Finder	
Autopilot	
Talkback	
Thermal Camera	
CCTV	

