



GENERAL INFO	
Basic Function	Harbour towing, mooring, salvage, fire fighting
Design	Macduff Ship Design Ltd.

MAIN PARTICULARS	
Length Over All (LOA)	23.00m
Breadth (B)	8.00m
Depth (D)	4.25m
Draught (Max)	3.50m
Bollard Pull	35 TBP
Speed	11.7 knots
Accommodation	4 Persons

CLASSIFICATION	
Class Society	Bureau Veritas (BV)
Class Notation	BV I \boxtimes HULL \boxtimes Mach, Unrestricted Navigation

ENGINEERING MACHINERY	
Main Engines	2 x 970 kW @ 1800 rpm
Aux. Engines	2 x 86 kW @ 1500 rpm, 50Hz
Gearbox	2 x (5,95:1)
Propulsion	2 x \varnothing 2000mm FP in Nozzle
Fire & Bilge Pump & GS Pump	1 x 1 x 25 m ³ /h @ 3 bar
Fuel Transfer Pump	2 x 5 m ³ /h @ 3 bar
Fw Pressure Set	24V 2 m ³ /h @ 2.8 bar
Black Water Pump	1 x 8 m ³ /h @ 2 bar
Grey Water Pump	1 x 8 m ³ /h @ 2 bar
Service Air	27m ³ /h @ 10 bar + 250 litres Air Receiver

ACCOMMODATION & NAVIGATION	
Accommodation	2 x WC & Shower, Galley & Mess, 1 x 4-man Cabins
Air Condition	Central air handling unit for single duct system. Cooling Capacity :2x22kW
Helmsman Chair	1 x Pilot chair

ACCOMMODATION & NAVIGATION	
Search and Flood Light	1 x 1000W electric remote
Navigation Equipment	1 x Radar 1 x GPS Receiver 1 x VHF DSC 1 x VHF 1 x Magnetic Compass
Internal Comm. System	1 x Talkback System

TANK CAPACITIES	
Fuel Oil Tank	81,000 litres
Fresh Water Tank	16,600 litres
Foam Tank	2,000 litres
Ballast Tank	32,000 litres

SAFETY EQUIPMENT AND FIRE FIGHTING	
Safety Equipment	1 x 4-man inflatable Life raft
	Fire Detection and Alarm System
	Adequate Foam & Dry Powder Extinguishers
Fixed Fire Extinguisher System	FM200 Clean Agent Suppression System
External Fi-Fi System	1 x 600 m ³ @ 3 mlc & manual oper. fire monitor 360°, Foam Inductor 255 lt/min

DECK MACHINERY	
Anchor	2 x 210 kg HHP Type
Chain	165m x 17,5mm U2
Anchor Windlass	Combined Anchor & Mooring, 2 tons @12-0 m/min
Towing Hook	MAMPAEY DOT 50 (Dynamic Oval Towing) Capacity: 350 kN (35 mt) SWL

