

M.V. FIREBIRD I

3850 BHP / FAST SUPPORT VESSEL

Issued: July 2026, Rev0

PRINCIPAL PARTICULARS

Year	2007
Builder	Penguin Shipyard In. Pte Ltd.
Flag	St. Vincent & the Grenadines
Class	ABS, A1, HSC Crew Boat, AMS
IMO No.	9467835
Call Sign	J8B3964
Official No	10437
GRT / NRT	236 / 71

DIMENSION

Length (Overall)	36.0 m
Length BP	32.4 m
Breadth Moulded	7.6 m
Depth Moulded	3.65 m
Draft	1.81 m
Lightship	109.63 MT
Deadweight	91.1 MT
Displacement	208.105 MT
Deck Cargo	+/- 80 MT
Clear Deck Area	63 m ²
Deck Strength	2.0 T/m ²

SPEED

Max speed	18.00 knots
Eco Speed	16.00 knots

MACHINERY

Main Engines	3 x 1350 BHP @ 1900 rpm Cummins KTA38-M2 Diesel Engine
Propulsion	3 Fixed Pitch, Nickel Alum Bronze / Triple Screw
Aux Generator Sets	2 x 164 BHP @ 1500 RPM Cummins CSMX TA5 415/220V/50Hz/3ph + 24V DC
Bow Thruster	1 x 100 HP / 75 kW Petter's Electro

DECK EQUIPMENT

Anchor Windlass	1 x 65 lbs Fortress Anchor
Anchor	1 x HYPAC HHAW 15-16
Fendering	Alum Pipes "D" Fender+ Tyres

AUXILIARY EQUIPMENT

Oily Water	1 x 0.5 m ³ /hr @ 15 ppm
Sewage Treatment Plant	1 x 1960 Ltrs/day

ACCOMMODATION (Fully Air-Conditioned)

Accommodation	8 Bunks (Crew)
Offshore Personnel	40 Reclining Aircraft Type
Hospital	1 bed with Toilet

CAPACITIES

Fuel Oil	17965 USG
Fresh Water	6605 USG
Lube Oil	211 USG
Hydraulic Oil	158 USG

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

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PUMPS

Fuel	1 x 28 m ³ /h @ 30 m head
Freshwater	1 x 4.2 m ³ /hr @ 23 m head
Sewage	1 x 2.4 m ³ /hr @ 35 m head
Bilge	1 x 47 m ³ /hr @ 40 m head
Sludge	1 x .25 m ³ /hr @ 30 m head

LIFE-SAVING APPLIANCES

Rescue Boat	20Hp Outbound motor
Life rafts	5 x 25 men
Life Jackets	101 nos.
Life Buoys	10 Nos.
Floodlights	3 x 1000 watts
Searchlights	3 x 2000 watts
Daylight Signaling light	1 no.
Medical Oxygen Resuscitator	5 nos.

FIRE FIGHTING EQUIPMENT

External Fire Monitor	600m ³ /hr, 120m head
Emergency Fire Pump	1 x 30m ³ /hr, 38 M Head
Fixed CO2 Fire-Fighting System	3 x in Machinery space 1 x in Paint Locker

NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS: Area A1, A2	
Radar	2 x Furuno X-Band
Echo Sounder	1 x Furuno FE-700
Auto Pilot	COMNAV COMMANDER
Magnetic Compass	1 x Rivera White Star
EPIRB	1 x NSR NEB-2000C
Gyro Compass	1 x SIMRAD AR-78
SSB Radio	SAMYUNG MF/HF SRG-150DN GMDSS
SART Transponder	1 x MCMURDO S4
GPS	KODEN KGP922/NSR-3000 GNSS Nav
GPS Chart	1 x Furuno GP-3500 C-MAP
NAVTEX Receiver	1 x Furuno NX-700
Wind speed Indicator	Walker P1249
VHF	1 x Furuno FM-8800S+1 Motorola GM160 3 x handheld VHF
AIS	1 x Furuno FA-150
Intercom System	Vingtor Pro-700
Satelite Tele / Fax	Thuraya
Emergency Telephone	Samyung Korea STR 600A Samyung Korea-SRG-150 DN

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