

# M. V. FIREBIRD I

3850 BHP / Fast support Vessel



STANFORD MARINE



## PRINCIPAL PARTICULARS

Built	: 2007
Classification	: +A1, HSC "Crew boat", + AMS
Registry / Flag	: St. Vincent & Grenadines
IMO No	: 9467835
Call Sign	: J8B3964
Official No.	: 10437
GRT	: 236
NRT	: 71

## DIMENSIONS

Length Overall	: 36.0 m
Beam	: 7.6 m
Moulded depth	: 3.65 m
Moulded draft	: 1.81 m
Summer Freeboard	: 1.788 m
Dead weight (DWT)	: 91.1 T
Deck Cargo	: +/- 80 M tons
Clear Deck Space	: 44.13 ft x 18.37 ft 13.45 m x 5.6 m
Clear Deck Area	: 63 sq.m
Deck Strength	: 2.0 T/m2

## MACHINERY

Main Engines	: 3
Propulsion	: Triple screw
Make / Type	: Cummins KTA38-M2
Total BHP / KW	: 3 x 1350 BHP @1900 rpm
Bow Thruster	: 1 unit 100Hp / 75kW
Propellers	: 3 Fixed Pitch, Nickel Alum Bronze

## PERFORMANCE

Max Speed	: 18 knots @ 100% MCR
Economical Speed	: 16 knots @ 85% MCR

## ACCOMMODATION

Cabins / Berths	: 4 / 8
Hospital / Owners	: 1 bunk c/w toilet on main deck
Seating	: 40 Reclining Aircraft Type: Eco Seats
Toilets	: 2 for passenger use only
Entertainment	: 2 TV / Movie Screen

## GENERATING SETS (AUXILIARIES)

Auxiliary Engines	: 2 x 164 BHP @ 1500 rpm
Make / Type	: 2 x Cummins CSMX TA5
Alternators	: STAMFORD UCM274G, 2 x 99 KW
Vessel Power Supply	: 415/220 V AC, 50Hz, 3ph + 24 Volt DC
Type	: 3 x Weatherproof Electrical Sockets
Power Supply	: 3 phase / 50Hz / 41 5V

## ELECTRICAL (DECK OUTLET) ELECTRONICS AND CONTROLS

GMDSS	: Furuno A1+A2
VHF	: 1 Furuno FM-8800S+1 Motorola GM160 3 handheld VHF
DSC/SSB Radio	: SAMYUNG MF/HF SRG-150DN GMDSS
Inmarsat C	: 1 Sailor 6018 COBHAM
Satellite Tele / Fax	: Thuraya
GPS	: KODEN KGP922
Depth / Echo Sounder	: Furuno FE 700
Magnetic Compass	: RIVERA White Star
Autopilot	: COMNAV COMMANDER
Navtex	: Furuno NX-700
Wind Speed Indicator	: Walker P1249
Intercom System	: Vingtor Pro-700
Search Lights	: Perko LSLT-PKO-CC12, 1000W
EPIRB	: NSR NEB-2000C
SART / AIS	: McMurdo S4 / Furuno FA-150

## TANK CAPACITIES AND PUMPS

Fresh Water	: 25m <sup>3</sup> @ 30m <sup>3</sup> /Hr
Fuel Oil	: 68.4m <sup>3</sup> @ 23m <sup>3</sup> /Hr

## OIL POLLUTION TANK CAPACITY AND CONTROL

Dirty Oil Tank	: 0.8 m <sup>3</sup>
Dispersant	: 1.0 m <sup>3</sup>

## LIFE SAVING (SOLAS) EQUIPMENT

Life Rafts	: 6 x 25 persons each side
Life Jackets	: 75
Life Buoys	: 8 nos. Solas Approved
MOB with Smoke	: 2 Nos.
Rescue Zone	: Yes
Scrambling Nets	: 2 units
Other Equipment	: Pyrotechnics, Line throwing apparatus

## GENERAL FEATURES

Fwd & Aft Bridge Control (Bridge / Maneuvering Stations).  
Bow thruster control set at both steering stations.

## EMERGENCY RESPONSE FEATURES

Fire Fighting	: 600 m3 with External Fire monitor Add. - 4" Weco connection to platform
Deck Spray Shield	: Yes
Oil Dispersant Booms	: Yes
Rescue boat with 20 HP outboard motor	: Yes