

M. V. FIRECREST

36 Meter Aluminum Fast Safety Support Vessel



MAIN PARTICULARS:

Built	: 2007
Classification	: +A1, HSC, "Crew boat", +AMS
Flag	: SVG
IMO No.	: 9467847
Call Sign	: J8B3961
Official No.	: 10434
GRT / NRT	: 236 / 71

DIMENSIONS:

Length Overall	: 36.0 M
Beam	: 7.6 M
Moulded depth	: 3.65 M
Moulded draft	: 1.862 M
Summer Freeboard	: 1.788 M
Deadweight (DWT)	: 115 tons
Deck Cargo	: 33 MT
Clear Deck Area	: 75.32 m ²
Safe Deck loading	: 2.0 per sq m

PERFORMANCE:

Maximum Speed	: 18 knots
Economical Speed	: 16 knots

GENERATING SETS(AUXILIARIES):

Auxiliary Engines	: 2 x 164 BHP @ 1500 rpm
Make / Type	: 2 Cummins
Alternators	: STAMFORD UCM274G, 2 x 99 KW
Vessel Power Supply	: 415/220 Volt AC,50Hz+24 Volt DC

ELECTRICAL: (DECK OUTLET)

Type	: 3 x Weatherproof Electrical sockets
Power Supply	: 3 phase / 50Hz / 41 5V

GENERAL FEATURES:

Forward and aft Bridge Control (Bridge /Maneuvering Stations).
Bow thruster control set at both steering stations.

EMERGENCY RESPONSE FEATURE:

Fire Fighting	: External Fire Monitor driven by 600m ³ Fire Pump + 4" Weco connection to platform Deck Spray Shield Oil Dispersant Booms Workboat With 20 HP outboard Motor
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MACHINERY:

Main Engine	: 3
Propulsion	: Triple screw
Make / Type	: Cummins KTA38-M2
Total BHP / KW	: 3x 1,350 BHP @1900 rpm
Bow Thruster	: 1 unit 92 HP
Propellers	: 3 Fixed Pitch, Nickel Aluminum Bronze

ACCOMODATION:

Cabins / Berths	: 4/8
Hospital / Owner	: 1 bunk c/w toilet on main deck
Seating	: 54 Reclining Aircraft Economy Seats
Toilets	: 2 for passengers use only
Entertainment	: 2 TV / Movie Screen

ELECTRONICS AND CONTROLS:

GMDSS	: A1+A2
GPS	: Furuno RD-30
Echo Sounder	: Furuno FE-700
Gyro Compass	: SIMRAD RGC50
Magnetic Compass	: WHITE HOUSE, RIVIERSIL GENOVA
Auto Pilot	: Simrad AP35
Navtex	: Furuno NX- 700 A/B CLIPPER
Wind Speed Indicator	: RO WIND/RD-30/PC-208L
Search lights	: Perko LSLT-PKO-CC12,1000W
EPIRB	: McMurdo E5
SART	: McMurdo S4
AIS	: Furuno FA-150
SSB Radio	: Furuno FS-ISO3, FS2570 (non GMDSS)
Sat Telephone / Fax	: Mini-M
VHF	: 1 x Furuno FM-88005, 1 x Kom IC/ 304, Vertex VX-4200

TANK CAPACITIES AND PUMPS:

Fresh Water	: 27m ³ @ 30m ³ /Hr
Fuel oil	: 70 m ³ @ 23m ³ /Hr

OIL POLLUTION TANK CAPACITY AND CONTROL:

Dirty Oil tank	: 0.8 m ³
Dispersant	: 1.0m ³

LIFE SAVINGS (SOLAS) EQUIPMENT:

Life Rafts	: 5 x 25 persons each side
Life Jackets	: 101
Life Buoys	: 8 on board per SOLAS
Rescue Zone	: YES
Scrambling Nets	: 2 units
Other Equipment	: Pyrotechnics, Line Throwing apparatus