

M.V. STANFORD HARRIER

42M ALUMINUM CREW BOAT



STANFORD MARINE



BUILT:

Year	: 2022
Builder	: Grandweld Shipyards
Class	: Bureau Veritas
Flag	: Panama
GRT	: 250 T
NRT	: 75 T

DIMENSIONS:

Length (Overall)	: 41.77 M
Breadth (Moulded)	: 7.30 M
Depth (Moulded)	: 3.49 M
Draft Design	: 1.82 M
Displacement	: 241 MT approx.
Deadweight	: 105 MT approx.

PERFORMANCE:

Speed (Max)	: 24 knots
Speed (Cruising)	: 22 knots

CAPACITIES:

Fuel Oil	: 97,000 L
Fresh Water	: 40,000 L
Lube Oil	: 500 L
Hyd Oil	: 150 L
Black Water	: 1960 L
Grey Water	: 1960 L
Deck Area	: 100 m ²
Deck Strength	: 2 T/m ²
Deck Cargo	: 60 T

AUXILLIARY MACHINERIES & OTHER EQUIPMENT:

Freshwater Pump	: 1 x 25 m ³ /hr @ 30m head
Bilge/Fire Pump	: 1 x 30 m ³ /hr @ 30m head
Oily Water Separator	: 0.5 m ³ /hr
Sewage Treatment	: 1 x 15 men capacity
Fuel Oil Purifier	: 1 x 1150 L/hr
Sewage Pump	: 1 x 2.5 m ³ /hr @ 25m head
Sludge Pump	: 1 x 2 m ³ /hr @ 40m head

DECK EQUIPMENT:

Anchor	: High holding power type, 1 spare
Anchor Windlass	: 1 set electrical, single drum
Mooring	: 10T capacity each
Mooring Ropes	: 4 sets (45 to 48mm diameter)

PROPULSION – MACHINERY-

Main Engines	: 3 x CAT 32 ACERT C-rating diesel engine
Output / rpm	: 1450 BHP x 2300 rpm each (Total 4350 BHP)
Gear Boxes	: ZF 3050 Reduction gear type (fitted w/ trailing pump) w/ trolling mode
Propellers	: 5 blades fixed pitch TEIGNBRIDGE
Generators	: 3 nos. 86 kW, 380 V/3 PH/50 Hz, 0.8 P.F.
Bow Thruster	: 2 x 75 Hp each
Rudder	: 2 x Double plate fabricated type

ACCOMMODATION:

Accommodation	: 10 berths (crew)
Offshore Personnel	: 80 seats (aircraft style seats)

NAVIGATION & COMMUNICATION EQUIPMENT:

Radar	: 2 x 48 NM, 9 GHz, 4 kW KODEN JRC
Echo Sounder	: 2 x 200 khz KODEN JRC
Compass	: 1 x magnetic compass
Autopilot	: 1 x COMNAV/NAVITRON
Gyrocompass	: 1 x SIMRAD GC 80
MF/HF Radio	: 1 x 150W TxRx
Inmarsat-C	: 1 x Mini-C GMDSS Transceiver
Pilot's VHF	: 2 x VHF capable of transmitting DSC on channel 70, and radiotelephony on channels 16, 13 and 6
VHF/FM	: 1 x 25w output, semi-duplex/simplex GMDSS
Radiotelephone	: c/w built-in DSC/CH-70 receiver
Naxtex	: 1 set SAMYUNG SNX 300
EPIRB	: 1 set JOTRON/MCMURDO/SAMYUNG
SART	: 2 sets JOTRON/MCMURDO/SAMYUNG
GMDSS A3	: SAMYUNG/SAILOR
Walkie-Talkie	: 3 handheld GMDSS walkie-talkies
P.A. & Intercom	: 1 set
Satellite Phone	: 1 x unit – VSAT
Emergency Telephone	: 1 x sound powered telephone

FIRE AND LIFESAVING APPLIANCES:

External FiFi	: 600 m ³ /hr with one monitor
Life Rafts	: 100% capacity of personnel on each side
Rescue Boat and davits:	: 1 x 6 persons capacity inflatable
SCBA	: 10 units for all crew
H2S Detectors	: 2 x portable set
EEBD	: 10 units for all crew
Lifejackets	: 125% personnel & crew SOLAS approved