

DYNAMIC 27

40M Aluminum Crewboat



TECHNICAL SPECIFICATION

GENERAL PARTICULARS

Ship's Name	: DYNAMIC 27
Classification	: Bureau Veritas
Built	: May 2016
Hull No.	: 102
Flag/ Port of Registry	: Panama

PRINCIPAL PARTICULARS

Length Overall	: 40.40 M
Length W.L	: 38.05 M
Breadth Moulded	: 7.80 M
Depth Moulded	: 3.40 M
Designed Draft	: 1.20 M
Speed (Approx)	: 20 Knots
GRT/ NRT/ DWT	: 273/ 81 MT/ 80.14 MT
Clear Deck Space	: 130 M ³ (Approx) 21M X 6.3M
Deck Load	: 30T (Approx)
Deck Loading Strength	: 2T/MT ² (Approx)
Main Engine Consumption	Max Speed (100% MCR) 24 to 25 knots = 19 MT/day (24 Hrs.) Service speed (80% MCR) 18 to 20 knots = 15.46 MT/day (24hrs.) Economic Speed (70% MCR) 14 to 17knots = 13.52 MT/day (24 Hrs.) Idle @ 0.3T

MACHINERY

Main Engines	: (3x) Yanmar-12AYM- WET (3x) 1659HP, 3x1900RPM
Gear Box	: ZF 5000. Ratio: 1.77:1
Main Generator (2 Nos.)	: (2x) Yanmar-4HAL2-TN
Fuel Specification	: Diesel Fuel
Propeller & Rudder	: (3x) 5 Blade Fixed Pitch Propeller. 1000mm DIA. (Teignbridge, UK), 2 Nos Rudder
Bow Thruster	: 90kVA. Electro-Hydraulic @ 10.80Kn Thrust (Sidethrusters, Norway)

PUMPS

Fresh Water Pump	: 1X Azcue Spain, (2x) MO-19/20 3.2M ³ / H @ 28M
Bilge Pump	: 1X STANFLO Italy, 30m ³ /hr@26mtrs
Fuel Oil Transfer Pump	: 1X Azcue Spain, 5m ³ /H, 35Mtr Head Model: AL4195 20m ³ /hr.@3Bar
Sewage Treatment Plant	: 3500 LIT/Day
Oily Water Separator	: 0.5 M ³ /H
Fire & GS Pump	: Azcue Spain, 25M ³ / H @ 35Mtr/Head
Sewage Pump	: Azcue Spain, 3M ³ /H @ 20M Head.
Emergency Fire Pump	: Azcue Spain, CA-50/3 15M ³ /H @ 25 MTR Head
FW & Sea Water Pressure Set	: Azcue Spain, MO 19/20. (2x) 2 Pumps + 100LIT Tanks. 3.2M ³ /H, 28 Head.
Air Compressor heavy Duty with Air Receiver Tank	: 2X Brand: ELGI, Model: TS20 LB PET, Receiver Capacity: 500ltrs (V/Hz/Ph): 415/50/3 33 Bar



TANK CAPACITY

FOT (approx)	: 118 M ³
FWT (approx)	: 20 M ³
Lube Oil (approx)	: 0.5 M ³

DECK EQUIPMENT

Anchor Windlass	: 1.66 Tons Electro Hydraulic Single Wiredrum & Warping Head High Holding Power Type 1 X 255
Anchor	: KG
Crane	: .5 Tons @ 4M Outreach
Steering	: Electro Hydraulic, Twin Cylinder With Tie Rod Aboutn 12Kn Torque

ACCOMMODATION/ FACILITIES

Bunks	: (3x) 2 Man Cabins + (2x) 1 Man Cabin
Personnel (Seating)	: 76
Hospital	: 1 on Main Deck
HVAC	: Sea Water Colled Type

FRESH WATER GENERATOR/ R.O. PLANT

Capacity	: 1500 Gallon Per Day
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SAFETY EQUIPMENT

Fifi	: 1300M ³ /Hr, 120M Head, with Foam
Fire Alarm System	: Consilium
Life Jacket	: 104 PCs, SOLAS Approved
Life Buoy	: 8 Pcs SOLAS Approved
Life Raft	: 4 x 65 men & 2x 6 Men
Fire Extinguishers	: 6 X 4.5KG/ 11 X 9 Ltrs
Fixed CO2 System	: 1 X Sensitron PL4 +

NAVIGATION EQUIPMENT

Echo Sounder	: Koden, CVR 0105
VHF- DSC	: Samyung STR 6000A
EPIRB	: Mcmurdo, E582-8000-004A
SART	: Mcmurdo, 86-300-001A
GPS Navigator	: Koden, KGP 913 MKII
Gyro Compass	: Simrad, GC8027101617Y
Autopilot	: Simrad AP60
Sound Power Telephone:	: MRC LC-8143
GMDSS Walkie Talkie	: 3X HX-400IS Standard Horizon-Japan Koden MDC2910P (IMO)/ Simrad NSS
Radar (2)	: EV02(4G)
Intercom/ PA System	: Phontech
Navtex Receiver	: Mcmurdo, 93-001-001A
Magnetic Compass	: Autonatic, Flashmount 100MM
AIS	: Jotron TR 8000
LRIT	: Polestar DMR 800
SSB Radio	: Samyung SRG 1150 DN

Particulars given are entirely without warranty as to correctness and interested parties must satisfy themselves by inspection of the vessel.