



MABISEL EMMANUELLA 1

MARINE COMPOSITE MONOHULL FAST INTERVENTION SECURITY PATROL BOAT

VESSEL OVERVIEW

Vessel Type	: FISPV
Vessel Built by	STRACCUZI SHIP YARD, ITALY
Classification	: Crewboat/Security Patrol Boat
Safety Regulation	: Flag
Flag State	: State Requirements Nigeria
Year Built	: 2017, ITALY.

HULL PARTICULARS

Length overall	: 20.1.00 m
Beam	: 5.20 m
Moulded Depth	: 1.2 m
Loaded Draft (Approx)	: 1.2 m

GUN SHIELD - TWO UNITS

Bow	: 1 Gun Shield
Stern	: 1 Gun Shield

TONNAGE

GRT	: 56 MT
NRT	: 17 MT

MAIN MACHINERY

Number of Main	: 2 units
Engines Make and Type	: MAN DIESEL D28622E466
FUEL FLOW METERS	: V2FA20FL
PROPELLERS	: 02 FIXED PITCHED PROPELLER
ENGINE FLOW METER	: 932 KW
	Fitted

PERFORMANCE ESTIMATED

Maximum Speed	: 30 knots @ 100% MCR @ 31.5MT
Maximum Fuel Consumption	: 770 L/hr
Economical Speed	: 25 knots @ 85% MCR @ 31.5MT
Economical Fuel Consumption	: 650 L/hr

GENERATING SETS - TWO UNITS

FULL LOAD Make / Type	: 31.09V/1.35 AR
PHASE	: KOLHER 24EK 3
	: CONN
FUEL FLOW METER	: V2FA20FL
BATTERIES POWER ENERGY: 16 RECHARGEABLES BATTERY SAVER	

EQUIPPED WITH BALLISTIC PROTECTION

The entire wheelhouse is protected up to 1.2 m waist height using composite material which is light weight so no compromise on speed. Threat level that is protected is up to NIJ level III+ which is against 7.62 x 39 MSC (AK47)
NIGHT VISION CAMERA SYSTEM: TVC 7516A-1930/P

The details on this specification sheet are produced in good faith but not guaranteed

SEATING AND ACCOMODATION

Passenger Capacity Cabins /	: 12 passenger seats
Bunks for Crew Cabins/crew	: 11 Beds
Toilets/shower cabin	: 2 shower , 2 toilet
Entertainment System:	: 1 units of LCD TV Screens
	:

Crew Mess	: Fitted
Walk-In Freezer and Chiller	: Fitted
Dry Store	: Fitted
Public Address System	: Fitted

ELECTRONICS AND CONTROL

GMDSS	:
VHF	: SIMRAD RS 35
SSB Radio (Non-GMDSS)	: 01
Satellite Telephone / Fax	: 01
Marine Radar	: SIMRAD N87EV02
GPS	: SIMRAD COM3
Depth / Echo Sounder	: SIMRAD 52009
Gyro Compass	: Samyung SNX 300
CCTV	: ATLANTIS 590A
NAVTEX RECEIVER	: 01
System Search Lights	: 01
	:
EPIRB	: 01
AIS	:
	: SIMRAD V5035

TANK CAPACITIES

Fuel Oil Fresh	: 10,000 Ltrs
Water Black	: 3,000 Ltrs
Water Tank	: 1,000 Ltrs

DIRTY OIL TANK OIL POLLUTION TANK CAPACITY AND CONTROL

Dispersant	: 0.8 cbm
	: 0.2 cbm

LIFE SAVINGS EQUIPMENT

Life Rafts	: 1 x 15 Man
Life Jackets Buoys	: 20
Rescue EPIRB	: 8 on board as per SOLAS
Jackets Immersion	: Yes
Suits	: Yes
CRANE	: Yes
ZODIC/ 5 HP	: 300KG
YAMAHA ENGINE	: YES

EMERGENCY RESPONSE FEATURES

Ext FiFi monitor with remote clutch and 600 cbm fire pump
FIRE EXTINGUISHERS