



VESSEL LEAFLET

SECURITY ESCORT VESSEL (BALLISTIC) "MV PHILIPPA"

BUILT BY PENGUIN SHIPYARD INTERNATIONAL | BUREAUS VERITAS CLASSED



EDEMx ENERGY INTERNATIONAL LIMITED



SECURITY ESCORT VESSEL (BALLISTIC)

Edemx Energy International Limited operates a large fleet of offshore ballistic security escort vessels

Specifications

VESSEL OVERVIEW	
Vessel Type / Year	Aluminum Monohull Fast Multi-Role Security Vessel Designed and built by Penguin Shipyard (2014)
Classification	BV I * HULL . MACH, Crew Boat, Sea Area 3
Safety Regulation	BV and Tuvalu Flag State requirements
IMO Number	9746360
Flag	Nigeria
Regs, Codes, Guidelines	MARPOL, SOLAS, IMDG
Security Personnel Shower Rooms	

HULL PARTICULARS	
Length Overall	40.00 m
Breadth Moulded	7.60 m
Depth Moulded	3.65 m
Loaded Draft	1.89 m
Bow Transfer Platform for Personnel	Fitted

CARGO DECK	
Clear Deck Area	93 sqm
Deck Cargo Capacity	60 MT
Deck Strength	2.0 MT / sqm
Deck Dimensions	16.9 m x 5.5 m
Cargo Railing Height	1.0 m
Deck Crane	Knuckle-boom crane, 500 kg @ 5.5 m outreach
Deck Store	Fitted
Remarks	Adequate cargo retainers and lashing lugs on both sides for securing deck cargo

MAIN MACHINERY	
Number of Main Engines	3 units with resilient mountings
Make / Type	Caterpillar C32 ACERT IMO Tier 2
Total BHP	3 x 1450 BHP @ 2300 rpm
Propellers	3 x fixed pitch, Ni-Al-Bronze, 5 blades
Bow Thruster	1 unit electro-hydraulic @ 100 HP

ACCOMMODATION AND STORAGE	
MAIN DECK	
Passenger Seats	42 pax
Passenger Toilets	2 cubicles with showers
Entertainment System	1 x LCD TV screen
Security Personnel Cabins / Total Bunks	3 / 12 (3 x 4-man) 2 cubicles
Deck Command Centre with Radar Monitor, CCTV Monitor, VHF, Heading Repeater and GPS Repeater.	Fitted
BELOW DECK	
Crew Cabins / Total Bunks	4 / 8 (2 x 1-man, 1 x 2-man, 1 x 4-man)
Crew Toilet	1 x LCD TV screen
Entertainment System	Fitted
Crew Mess and Galley	Fitted
Crew Washer and Dryer	Fitted
Separate Walk-In Freezer and Chiller	Fitted
Dry Store	Fitted
Work Bench	Fitted

TONNAGE	
GRT	Approx. 270 MT
NRT	Approx. 80 MT
DWT	Approx. 134 MT

SAFETY EQUIPMENT	
Life Rafts	3 x 25-man each side as per SOLAS
Life Jackets	69 on board as per SOLAS
Life Buoys	8 on board as per SOLAS
Scrambling Nets	2 units
Other Equipment	Pyrotechnics, line-throwing apparatus
Rescue Zone	Port and Starboard

EMERGENCY RESPONSE FEATURES	
1 x external Fifi monitor with remote clutch and control @ 600cbm/hr	
Aerosol fire extinguishing system	
Motorised workboat	



GENERATORS AND AUXILIARY ENGINES	
Generators	3 x Caterpillar SR4 Alternator 86 ekW
Prime Movers	3 x 125 BHP @ 1500 rpm
Make / Type	Caterpillar C4.4
Vessel Power Supply	415/220 Volt AC, 50 Hz, 3-phase + 24 Volt DC
Shore Power / Reefer Sockets	1 / 4

TANK CAPACITIES	
Fuel Oil	86,000 L
Fresh Water	30,000 L
Oily Bilge	600 L
Lube Oil	450 L
Gear Oil	450 L
Hydraulic Oil	450 L
Fuel Oil Sludge	500 L
Fuel Oil Purifier	Heavy duty, self-cleaning unit
IMO-Approved Sewage Treatment Plan	Fitted for 15 pax
IMO-Approved Oily Water Separator	15 ppm

STANDARD FLEX FIGHTER FEATURES	
All-Round Wheelhouse Ballistic Protection:	
<ul style="list-style-type: none"> - Wheelhouse Windows (STANAG L1) - Wheelhouse Panels (STANAG L1) up to waist height 	
Gun Mounts with Ballistic Shields (1 x forward and 2 x aft)	
*Weapons not included	

ELECTRONIC FUEL MANAGEMENT SYSTEM	
Engine electric fuel management system	Fitted
<ul style="list-style-type: none"> - Coriolis meters for main engines and generators - Coriolis meter for bunker line 	12 units 1 unit

PERFORMANCE	
Maximum Speed	28 knots @ 100% MCR
Maximum Fuel Consumption	878 L / hr
Economical Speed	26 knots @ 85% MCR
Economical Fuel Consumption	765 L / hr

ELECTRONICS AND CONTROLS	
GMDSS	Sea Area A1+A2
VHF	Sailor 6222
MF/HF Radio	Sailor 6310
BNWAS	LeGuardian2025
Marine Radar	Simrad HALO6
Multi-Function Display	Simrad NSS12EV03
GPS	Simrad GS25
Depth / Echo Sounder	Simrad GP319
Gyro Compass	Simrad RGC50
Magnetic Compass	Riviera 6"
Navtex	JMC-NT-1800
Public Address / Intercom System	Vingtor Zenitel
Search Lights	3 x 1000W
EPIRB	McMurdo E5
SART	McMurdo S4
AIS	Simrad V5035
Night Vision Camera	Fitted
CCTV	8 units fitted (5 x Exterior, 1 x Passenger Area, 2 x Engine Room)

Corporate Office - Lagos

Operations Office – Warri

Fabrication Yard & Marine Base - Warri

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