



SECURITY BOAT BASED ON PENGUIN'S PROVEN FLEX-40S MULTI-ROLE CREWBOAT PLATFORM"

Engineered for Speed Efficiency

PRINCESS JANICE

VESSEL OVERVIEW

Vessel: Aluminium Monohull Fast Multi-Role Support Vessel
Designed and built by Penguin Shipyard

Current Model Year: 2015

Classification: BV |, +HULL, + MACH, Crew Boat, Unrestricted Navigation
Max. Significant Wave Height Not Exceeding 3.0m

Safety Regulation: BV and Nigerian Flag State requirements

Regs, Codes, Guidelines: MARPOL, SOLAS, IMDG

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: 100 sqm

Deck Cargo Capacity: 60 MT

Deck Strength: 2.0 MT / sqm

Deck Dimensions: 16.89 m x 5.9 m

Cargo Railing Height: 1.0 m

Deck Crane: Palfinger PK 450, 0.5 Ton @ 6 m

Deck Store: Fitted

Remarks: Adequate cargo retainers and lashing lugs on both sides for securing deck cargo

TONNAGE

GRT: 269 MT

NRT: 80 MT

DWT: 134 MT

MAIN MACHINERY

Number of Main Engines: 3 units with resilient mountings

Make / Type: Cummins KTA38-M2 IMO Tier 2

Total BHP: 3 x 1350 BHP @ 1900 rpm

Propellers: 3 x fixed pitch, Ni-Al-Bronze, 5 blades

Bow Thruster: 1 unit electro-hydraulic @ 100 HP

PERFORMANCE

Maximum Speed: 27 knots @ 100% MCR

Maximum Fuel Consumption: 770 L/hr

Economical Speed: 25 knots @ 85% MCR

Economical Fuel Consumption: 650 L/hr

GENERATORS AND AUXILIARY ENGINES

Generators: 3 x Alternator Stamford UCM274G 80 kW

Prime Movers: 3 x 122 BHP @ 1500 rpm

Make / Type: Cummins 6BT5.9-DM1

Vessel Power Supply: 415/220 Volt AC, 50 Hz, 3-phase + 24 Volt DC

Shore Power / Reefer Sockets: 1 / 4

SAFETY EQUIPMENT

Life Rafts: 4 x 25-man each side as per SOLAS

Life Jackets: 71 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

ELECTRONIC FUEL MANAGEMENT SYSTEM

Engine/ electronic fuel management system: Fitted

- Coriolis meters for main engines and generators: 12 units

- Coriolis meter for bunker line: 1 unit

ACCOMMODATION AND STORAGE

MAIN DECK

Passenger Seats: Economy Class 42 pax

Passenger Toilets: 2 cubicles with showers

Entertainment System: 2 x LCD TV screens

Security Personnel Cabins / Total Bunks: 3 / 12 (3 x 4-man)

Security Personnel Shower Rooms: 2 cubicles

Deck Command Centre fitted with Radar Monitor, CCTV Monitor, VHF, Heading Repeater and GPS Repeater.

BELOW MAIN DECK

Crew Cabins / Total Bunks: 4 / 10
(3 x 2-man, 1 x 4-man)

Crew Toilet: 1 cubicle with shower

Entertainment System: 1 x LCD TV screen

Crew Mess and Galley: Fitted

Crew Washer and Dryer: Fitted

Separate Walk-In Freezer and Chiller: Fitted

Dry Store: Fitted

Work Bench: Fitted

ELECTRONICS AND CONTROLS

GMDSS: Sea Area A1+A2

VHF: Furuno FM-8900

SSB Radio: Furuno FS-2575C

Satellite Telephone/Email: Thrane & Thrane FBB 150

Marine Radar: Furuno FR-8062

GPS: Furuno GP-32

Depth / Echo Sounder: Furuno FCV 688

Gyro Compass: Simrad IS-80

Magnetic Compass: Riviera 6"

Navtex: JMC NT-1800

Public Address / Intercom System: Vingtor Zenitel

Search Lights: Keskom, 3 x 1000W

EPIRB: McMurdo E5

SART: McMurdo S4

AIS: Furuno FA-150

CCTV: 8 units fitted
(5 x Exterior, 1 x Passenger Area, 2 x Engine Room)

TANK CAPACITIES

Fuel Oil: 86,000 L

Fresh Water: 30,000 L

Oily Bilge: 600 L

Lube Oil: 800 L

Gear Oil: 450 L

Hydraulic Oil: 450 L

IMO-Approved Sewage Treatment Plant: Fitted for 15 pax

IMO-Approved Oily Water Separator: 15 ppm

STANDARD FLEX FIGHTER FEATURES

All-Round Wheelhouse Ballistic Protection:

- Wheelhouse Windows (STANAG L1)
- Wheelhouse Panels (NIJ Level III+) up to waist height
- Wheelhouse Weathertight Door (STANAG L1)

Gun Locker Room

Gun Mounts with Ballistic Shields (1 x forward and 1 x aft)

* Weapons not included

Ulysess II Night Vision Camera

EMERGENCY RESPONSE FEATURES

2 x external FiFi monitors with remote clutch and controls @ 600 cbm

Motorised workboat