

# ***M/V SAINT PATRICK***

## **DP2 MULTIPURPOSE WORK VESSEL**

The M/V Saint Patrick is an ABS-classed DP2 Multipurpose Work vessel suitable for both offshore and shallow water operations. The vessel's versatility has been well proven working in the West African Offshore Oil and Gas Industry, carrying out Platform Maintenance, SPM Maintenance, Diving, ROV Support, and Shallow Water Subsea Cable Laying. The barge is equipped with the latest Kongsberg K-Pos, DPS2, Dual redundancy positioning system. The barge also offers a stable platform for performing offshore lifting operations using the Kobelco CKE2500 -II Crane, and with its large open deck space, the vessel offers excellent work areas and storage space .

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**Viscosupport**

# MV SAINT PATRICK

## Multipurpose Work Vessel

### GENERAL SPECIFICATIONS

IMO Number	8768919
MMSI Number :	37534300
Conversion Details:	Converted from barge to Multipurpose Barge (2000)
Flag:	NIGERIA
Rebuilt & Upgraded:	2024
Call Sign :	J8XW7
Port / Official No :	LAGOS / 8421
Class :	ABS A1
Wheelhouse :	Full Navigational Bridge DP2

### DIMENSIONS / TONNAGE

Length (LOA)	76.0 m
Breadth	24.0 m
Depth	4.6 m
Summer Draught	2.689 m
Tropical Draught	2.745 m
Gross Tonnage	2577 tonne
Net Tonnage	773 tonne
Displacement	4756.08 tonne
Deadweight	3388.24 tonne
Air Height	19.98 m
Max. Variable Deckload	2270 tonne
Deck Loading	3.5 t/ sq.m
Clear Deck Area	1,528 m2 approximately
Under Deck Storage Area	approx. 83 m2
Workshop Storage Area	approx 100m2

### SPEED AND CONSUMPTION

Max. Speed:	8.0 Knots
Service Speed:	5.0 Knots
Fuel Consumption:	9,600 Litres / 24hrs at full speed, 7968 Litres / 24hrs at Service Speed.
Range:	With 25 man crew and 70 days food / water 665.961 m3 FO will give 10,080 NM at 5 Knots.

### DYNAMIC POSITIONING ABS DP2

DPS2 Kongsberg K-Pos with C-Joy remote Joystick.  
Kongsberg DPS232 Differential Positioning System with Inmarsat Fleet Broadband 500, MDL Fan Beam

### PROPULSION

Four (4) MAN, D 2842 LE403 Engines with Schottel Azimuth Propulsion Units, SRP 350, 720 HP Each, Deck Mounted, Total Thrust 2880HP.

### DECK EQUIPMENT

#### Deck Crane

Serial No:	JD04 - 02031
Nominal Capacity :	250t.
Engine:	Hino PIIC- UN (6 Cylinder : 247Kw)
Boom :	73.2m plus Auxiliary Sheave.
Hook Blocks :	70t, 35t & 13.5t ball hook.
Hoist Winches:	Two(Each with 26mm Rope for 13.5t Line Pull).
Counterweight:	90t plus 24t Carbodyweight - Kobelco LMI Weighload System.

### MOORING SYSTEM

2 X Smatco RB-90W Double Drum winches driven by Detroit Diesel 6V72 Power Packs, 70 Ton pull, tested to 37.5 Tons  
4 X 5,000KG Delta Flipper Anchors.  
4 x Anchor Marker Buoys  
4x 24mm x 50 Meter Pennant Wires

### TANK CAPACITIES

Max. Fuel Oil Capacity: 100% 679.552 m3, 98% 665.961 m3 (in two tanks)  
Max. Potable Water Capacity: 828.4 m3 (In two tanks)



## NAVIGATION EQUIPMENT

Furuno GP30 GPS receiver  
Radar 1 Furuno FR-2115  
Radar 2 Furuno ARPA FAR2XX7  
Furuno Echo Sounder - FE-6RO + Digital readout ED-222  
Furuno NX 500 Navtex Receiver  
Navigat X Mk 1 Gyro Compass  
Gyro Repeater with Pelorus  
Local area chart folio with up to date corrections

## PUMP ROOM

Fire and General Service pumps - Electric self priming centrifugal pump 60 T/hr; 8 bar + Perkins Diesel Emergency Fire Pump rated 60 T/hr Oily Water separator which complies with MARPOL regulations c/w sludge tanks for in excess of 30 days.  
Ballast System - Electric self priming centrifugal pump, 60 T/Hr; 8 bar

## SAFETY

In line with ABS and Solas Regulations as required.

4 x 25 man liferafts

1x Rhino Boat (Solid construction) Powered by one (1) 37HP Diesel Outboard.

1 x Zodiac Boat (Inflatable) Powered by 37HP Diesel Outboard.

Lifejackets, Pyrotechnics, Line throwing apparatus etc. all to SOLAS / ABS standards and requirements

## COMMUNICATION EQUIPMENT

GMDSS system for area A1,A2 and A3	
MMSI No.	375343000
SSB Transceiver Radio	Furuno FS-1562-15
VHF	2X Furuno FM-8500
Navtex Receiver,	Furuno NX 500
Hand held VHF Radio	3 x McMurdo R1GMDSS
Inmatsat M Telephone	+ 871 762487033
Fax	+ 871 762487035
Email	stpatr1ck@go2.pl
Programmable VHF	ICOM IC-229H
Epirb	McMurdo
Radar Transponders	2 x 9 Ghz Jotron Tron Sart
Hand held UHF radios	7 Motorola CP 140
Hand Held VHF radio	1 Motorola GP 340
	1 Icom IC-M71
Fleet Broadband 500	Sailor FB55 BDU

## GENERATORS

2 x Caterpillar 3406, 292; Kw 415 - 240 v; 50 Hz  
1 x Perkins 45 Kva Emergency Generator.  
1 x Top Deck Emergency Generator 350Kva volvo

## ANCILLARY EQUIPMENT

**Air Compressor:** Atlas Copco - pressure 13.0 Bar water cooled. Capacity 230 m3/hr  
1 Nos 750 CFM ATLAS Copco Compressor  
1 Nos 375 CFM ATLAS Copco Compressor

**Tugger Winches:** Five (5) Ingersoll- Rand

Air Tugger Winches of various tonnages

**Searchlights:** 2 on Bridge x 1000 Watts

**Forklift:** Five (5) Ton

**Workshop & Equipment:** Hydraulic Bench Press, Colchester Lathe





## ACCOMMODATION

Twenty Four Cabins for a total of One hundred and fifty (150) persons

### Hospital

Four (4) Man hospital, double access door from main work deck, room complete with modern first aid equipment and medicines.

### Recreations Rooms

(Two Non Smoking and One Smoking)

Three (3) Recreation rooms one on Lower Deck integral to the mess, another on Level Two also integral to the mess both complete with Roaming Satellite DSTV, DVD Player, Fridge, etc.

Smokers Recreation room separate to main accommodation also complete with Satellite DSTV etc. Gymnasium with various exercise equipment.

### Laundry

Containing various industrial washers and driers

## MESS ROOMS

Two Mess Rooms: Lower Deck 30 person capacity and Level 2, 30 persons capacity

### Offices and Conference Facility

Barges Engineers Office, complete with Engineers Desk, Computer, Photocopier, and Technical Library.

Second Office / Conference Room, situated over looking main deck.

### Rubbish Compactor

ITS MSE-5 mini SCAVENGER 10 Cu Feet

### Refrigerated Stores

Refrigerated and frozen store rooms with Internal Freezer = 20 m2, Internal Chiller = 14 m2

### Galley

One modern, industrial galley with stainless steel facilities, sink waste grinder, Bain Marie food warmer, two ovens, potato peeler, free standing fridge and freezer and access to lower mess room.

