



AWARTISE NIG. LTD
22 SHELL ROAD
SAPELE, DELTA STATE
NIGERIA
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Platform Supply Vessel

PRINCE JOSEPH 1

TECHNICAL SPECIFICATION

NAME OF VESSEL : PRINCE JOSEPH 1
 TYPE OF VESSEL : PLATFORM SUPPLY VESSEL
 CALL SIGN : 5NQC7
 CLASSIFICATION : DET NORSKE VERITAS
 TOP SPEED : 14.5 KNOTS

PRINCIPAL PARTICULARS

LENGTH O.A : 73.60M
 BREADTH MOULDED : 16.00M
 DESIGN DRAFT (ABOVE KNEEL) : 7.00 M
 DECK CARGOS C.O.G. 1M ABOVE MAIN DECK: 1600 TONS
 DEADWEIGHT : 3240 TONNES
 FREE DECK SPACE : 700 M²

Cargo/ Tank Capacity

Fuel Oil : approx 970m3
 Ballast/drill water(incl. brine) : approx. 1300m3
 Dry bulk cargo tank(cement/barite) : approx.320m3
 Fresh water : approx. 820m3
 Liquid Mud(s.g.2.8)—incl brine tanks : approx.980m3
 Brine (s.g 2.5) : approx. 390m3
 Base oil : approx. 200m3

Accommodation & Life Saving Equipment

Offshore Personnel : 29 Persons
 (Seating Compartment) : 17 Persons
 Crew (W/ Berths) : 6 X 1 Man Cabins
 : 4 X 1 Man Cabins
 : 2 X 1
 : 1 X 1
 : 1 X 1
 : 1 X 1
 Life Rafts : 2 X 50 Men Capacity
 Life Jackets : 90, Solas Approved Type
 Rescue Boat : Outboard Engine
 Fire Fighting System : In Accordance To Solas Rules

BUILDER : Bharati Shipyard Limited. Rathnagiri, India.
 YEAR BUILT : 2012
 FLAG : NIGERIA
 IMO NO : 9499319

MACHINERY / POPULATION

Main Engine : 2 x MAK 6M25
 Engine output approx (HP) : 2 X1980 KW, 750rpm.
 Aux. Engines : 2 x 250 KW (310 KVA), 1800 rpm, 440V, 60HZ, IP44.
 Emergency Genset : 1x 72KW, 1800rpm, 440V, 60HZ,
 Shaft Genset : 2 x 1800KVA, 1800rpm, 440V, 60HZ, FW cooled
 Tunnel Thrusters (Fwd & aft) : 4 x 590KW each.

DECK MACHINERIES

Anchor Windlass: Qty; 2nos
 Type: SPEK ANCHOR M TYPE 2460 KG
 Weight: 2475 & 2491 Kg Resp.
 Anchor chain:
 38mm Dia 27.5 meters each grade NVK3 stud link
 anchor chain with enlarged and end link one end
 Lengths:
 38mm Dia 27.5 m length grade NVK3 stud link anchor
 chain all common links - 15 Lengths

Anchor Windlass: Qty; 01 No
 Make: ROLLS ROYCE MARINE – BRATTVAAG
 Nominal Pull: 8.0 T x 10.5 m/min
 Rescue Boat Qty: 01 No
 Capacity: 06 persons
 Type: VIKING 470 GRP 1
 Deck Crane Qty: 01 No
 Make: PALFINGER HTC
 SWL: 3000 Kg At 16 Mtrs Outreach
 Tugger winch Qty: 02 Nos
 Make: RAUMA BRATTVAAG
 Capacity: 10 T @ 0-19 m/min

NAV & COMM. EQUIPMENTS

Doppler Speed Log:	Qty: ONE MAKE: Furuno
Echo Sounder	Qty: ONE Make: Furuno
VHF Radio Telephone	Qty: TWO Make: Furuno
VHF Radio Telephone(Non GMDSS)	Qty: ONE Make: Furuno
NAVTEX Receiver	Qty: ONE Make: Furuno
GYRO Compass & AUTO PILOT	Qty: One Set Make: Raytheon Marine GmbH
Reflector type Magnetic compass	Qty: ONE & 1 spare Bowl Make: John Lilley & Gillie Ltd.
TV/FM Radio Antenna System	Qty: ONE set Make: Hanshin Electronics Co. Ltd.,
EPIRB	Qty: ONE Make: ACR Electronics
SART	Qty: TWO Make: ACR Electronics

COMMUNICATION SYSTEM

Integrated Telephone/Command system	Qty: ONE set
Vingtor CTB/SPA Talk back/PA system	Make: Zenitel Marine Asia Pte. Ltd
Loudhailer System	Make: Vingtor ACM.
DP System	Make: Rolls Royce ,Type: DYNPOS-AUTR
Automatic Identification System	Qty: ONE Make: Furuno
Marine Radar(X-band & S-Band)	Qty: ONE Make: Furuno
ECDIS	Qty: Two Make: Furuno
GMDSS	Qty: ONE Make: Furuno
INMARSAT-C	
INMARSAT-C-SSAS	
INMARSAT FLEET 77	Qty: ONE(each) Make: Furuno

EQUIPMENTS DETAILS:

Main propulsion:	Qty: 02 nos Output power: 1980 Kw(each)x 750 rpm Make: Caterpillar Motoren GmbH & Co. KG Type: MaK 6M 25 MDO
Fuel type	
Auxiliary power: Auxiliary generator Diesel	Qty: 02nos Output : 280kw at 1800rpm Make: MAN Nutzfahrzeuge AG Type: D2866 LXE 30 MDO
Fuel type	
Emergency power:	Qty: 01 No. Output: 72Kw Make: LINDENBERG Type: MAN D 0824 LE 201 MDO
Fuel type	
Propeller(s):	Qty: 2x Controllable pitch propellers(04 blades) Make: Baliño S.A. Spain Type:600 AGSC-KP Dia& speed: 2900mm-196 RPM
Rudder(s)	02 X high life flap rudders. Rudder Area: 6m2 Make: ROLLS ROYCE MARINE (SHANGHAI) Type:FB-S 2000
Steering Gear:	Qty: 02nos Make: ROLLS ROYCE MARINE , TENFIJORD Effective torque:70 kNm each Effective angle: 2x45*
Tunnel Thrusters	Qty: 04 nos (02 nos fwd & 02 nos aft) Make: ROLLS ROYCE MARINE Models: TT1850 DPN CP , TT1650 DPN CP & TT 1650 DP CP

AUX. MACHINERIES:

Shaft Alternator	Qty: 02 nos Output Power: 1750 kVA @ 1800 RPM,3 PHASE, 450 V, 2245 Amps, 60 Hz Make: AEM- ANHALTISCHE
Sewage Treatment Plant	Qty: 01No Capacity: 2.6 cu.m per Day Make: EVAC—STP 20
Ultra violet Sterilizer	Qty: 01 No Capacity: 2500 LPH Make: GOOD LIFE PRODUCT
Hot water boiler	Qty: 02 x700L Capacity: 120 KW , 100.000 KCAL/Hr Flow rate: 7m3/hr Make: Heatmaster BV

CARGO SYSTEMS:

Liquid Mud system:	Capacity: 75 - 32.7 CuM/Hr @ 360 - 180 Rpm Qty: 02nos Make: ALLWEILER AG
Ballast & DW cargo pump	Qty: 01 No. Capacity: 200-100 CuM/Hr @ 3500-1700 RPM Make: ALLWEILER AG
Fresh water Cargo Pump	Qty: 01 No. Capacity: 200 -100 Cu.M/Hr @ 90-22.5 M Head Make: ALLWEILER AG
Base Oil Cargo Pump	Qty:01 No Capacity:150-75 CuM/Hr @3500 -1750RPM Make: ALLWEILER AG
Brine Cargo Pump	Qty: 01 No. Capacity:75 -32.7 CuM/Hr Make: ALLWEILER AG
Bulk Handling system (Storage tank)	Qty: 05 Nos.