

PRINCE JAMESON I

Multipurpose offshore support vessel with dive support capabilities



Prince Jameson I is an advanced multipurpose offshore support vessel with excellent dive support capabilities as well as a DP 2 dynamic positioning system, accommodations for a crew of 100, a 920 M2 /1,000 ton cargo deck and helideck. The 120 ton capacity crane has a 12 metres reach and is capable of operating in water depths reaching 2,000 m.

S P E C I F I C A T I O N S

LENGTH

88.4 m

BREADTH MOULDED

20.6 m

DEPTH MOULDED

7.8 m

DRAFT DESIGNED

6.6 m

DEADWEIGHT

4019.62 T

GROSS TONNAGE

4654 T

DECK AREA

920 m²

DECK STRENGTH

5.5t/m²

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// TECHNICAL SPECIFICATION

CLASSIFICATION

ABS + 1A1, Fire Fighting Class 1,
Offshore Support Vessel, DP 2
Year Built 2008
Flag Nigeria

MAIN PARTICULARS

Length Overall 88.4 m
Length W.L 84.58 m
Breadth Moulded 20.6 m
Depth, main deck 7.8 m
Draft Design 6.6 m
Deadweight 4019.62 T
Gross tonnage 4654 T

DYNAMIC POSITIONING

Kongsberg DP2 System
1 x Acoustic HIPAP 500
1 x Taut wire Bandak MK15B
1 x Fan beam MK4.2
2 x FUGRO DGPS

POWER GENERATION

Type Shaft Generator
Make AVK Generator
Power 2 x 2118ekw, 440V/60Hz
Type Main Generator set
Make CAT 3412 generators
Power 590ekw, 440V/60Hz
Make Cummins KTA50D generators
Power 1200ekw, 440V/60Hz
Total Installed Power. 7816ekw
Emergency Generator.... AT 3056T, 1x99ekw, 440V/60Hz

ACCOMMODATIONS

The ship is arranged with an accommodation for total 100 persons plus hospital.
Berth / Cabin 8 x Single Cabins
Berth / Cabin 14 x 2 Men Cabins
Berth / Cabin 16 x 4 Men Cabins

MANEUVERING AND PROPULSION SYSTEM

Type 2 x Straight Shaft Diesel Mechanical
Main Engine 2 x BERGEN B32:40V12P
Propulsion 2 x Kamewa - Ulstein CPP
Power 2 x 6000KW
Power 2 x 6000KW
Type 1 x Forward azimuth thrusters
Make Ulstein Aquamaster, UL 1201
Power 14 Ton, 1 x 820 kW
Type 2 x Forward transverse tunnel thrusters
Make Kamewa Ulstein, TT 1850 DPN CP & TT1650
Power 1 x 850 kW & 1 x 750 kW
Type 2 x Aft transverse tunnel thrusters
Make Kamewa Ulstein, TT 1650 DPN CP
Power 2 x 750 Kw

FRESH WATER PRODUCER

Type Reverse Osmosis 30m3 / day

SEWAGE SYSTEM

Type
. Hamworthy ST 8, Super Trident

NAVIGATION AND COMMUNICATION EQUIPMENT

Maritime VSAT Antenna 1.5 meter C-Band
PA system, Integrated Telephone, Sound Powered
Telephone Radio Plant with Satellite Communication System,
Life Boat Radios, Radar Transponder,
Radar Plant, Global Positioning System,
Gyro compass, Magnetic Compass, Autopilot,
Echo Sounder, Doppler Speed Log, AIS & VDR,
TV-FM-SAT System, CCTV,

FIREFIGHTING EQUIPMENT

Fire extinguishers: Powder, foam and CO2 extinguishers according to regulations in force
Fire hoses with equipment: Adjacent to each of the fire hydrants, a 2" fire hose with length of at least 15 meters. The hoses are equipped with combined jet nozzles and fog nozzles, with coupling connections to the hydrant. One (1) off international coupling
Fire axes fitted according to requirements from the National Authorities.

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CRANES

Maker Huisman
Type 120T AHC Knuckle Boom Crane

Main Hoist

Safe working load at 7.4 - 12 m radius, in air	120 MT
Safe working load at 30 m radius, in air	30 MT
Hook travel	approx. 2000 m
No. of falls	1
No. of layers on drum for 2000m wire	2

Active Heave Compensation

Maximum load 120 MT
Peak speed, at full load, outer layer approx. 90 m/min
Resulting crane tip motion 5.0 m with period 12 sec

Aux Hoist

Safe working load at 7.5 - 32 m radius, in air	24 MT
Hook travel	approx. 300 m
No. of falls	1
No. of layers on drum for 300m wire	2

Active Heave Compensation

Maximum load 24 MT
Peak speed, at full load, outer layer approx. 100 m/min
Resulting crane tip motion 6.4 m with period 12 sec

SAFETY EQUIPMENT

Safety equipments shall be based upon the regulation of the vessel, for a total number of persons on board of 100 persons.

FRC Boat. One (1) SOLAS FRC boat Mako 655
Diesel driven water jet complete with davit

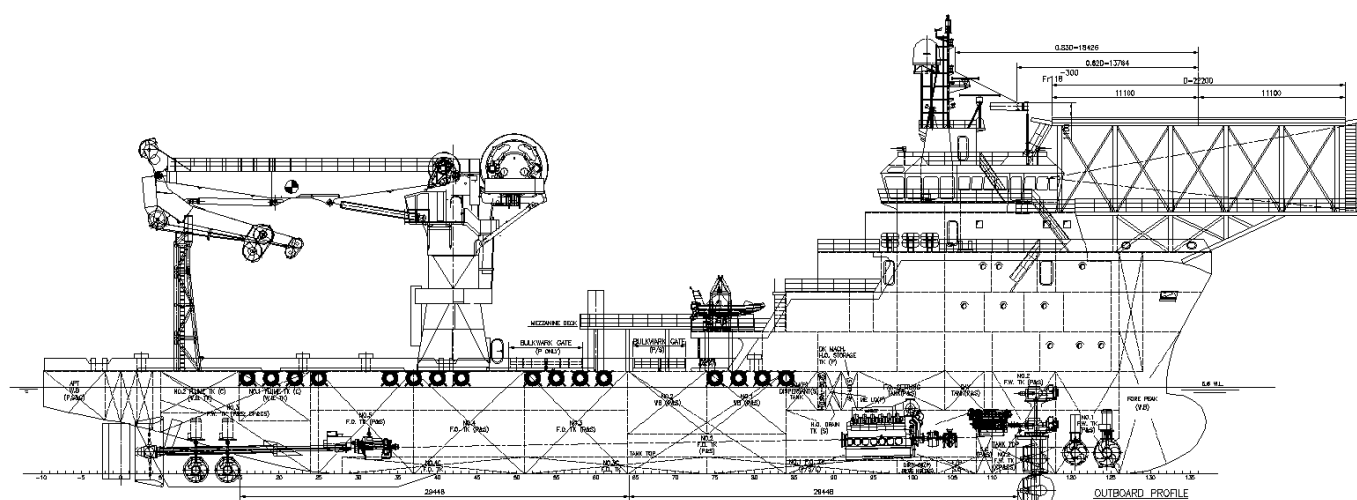
Rescue Boat (MOD) with Davits

Life Raft 12 x 25 persons
Inflatable rubber life rafts of approved type. Life rafts capacity according to national authority's requirements. Raft launching crane of approved type, allowing effective launching of rafts, and not requiring manual reloading after use.

Lifebuoys, jackets
Lifebuoys of plastics of approved type. Numbers and equipments are according to the National Authorities requirements. Parachutes signals and equipments are according to rules

HELIDECK

Type 22.2 M Octagonal Aluminium Helideck



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