

PRINCE JOB I SPECIFICATIONS



MAIN CHARACTERISTICS

- **IMO No:** 9738636
- **Flag :** Nigerian
- **Year Built :** 2015
- **Place Of Built :** Netherlands
- **Builder:** De Hoop International, Lilith Talkamer.

- Length Over All68.23 m
- Length Perpendiculars62.58 m
- Length Waterline65.11 m
- Beam Moulded15.77 m
- Depth Moulded5.50 m
- Draught summer 4.62 m

- Deadweight at T= 4.62 m ...2300 ton
- Deadweight at T= 12 feet....900 ton
- ITC/ Gross tonnage1847
- Double Hull i.w.o. Cargo Tanks

DECK

- Cargo Deck Rated at..... 5tons/sq/m
- Free Deck Area 500 Sq/m
- 75 mm FIR wooden planks covering deck cargo area.
- 5 Ton Deck Tuggers in four locations.
- One 28 Ton Deck Winch
- Cargo Deck form monitors port, starboard, forward and aft.
- Deck Strength ...5 Ton/M²
- 10 ton @15 meter knuckle boom crane x2.

- 28 ton main tugger winch w/ 70 meter wire x1
- 10 ton side tugger winches w/ 60 meter wire x2
- 5 ton capstans x2
- 15 ton Stern Roller x1
- 15 ton Side Rollers x2

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CAPACITIES

“Transmix” Mode:

- Fresh water approx. 240 m³
- Fuel oil approx. 520 m³
- Drilling water (technical freshwater) approx. 1000 m³
- Transmix fluid / Recovered Oil approx. 800 m³ in CT 6, 7, 8 PS and SB
- Transmix fluid hose flushing tank approx. 25 m³ (included above) s.g. 2.0
- Dispersant fluid tank 5 m³
- Foam liquid tank 1.5 m³

“PSV” Mode:

- Fresh water approx. 240 m³
- Fuel Oil approx. 520 m³
- Drilling Water (Technical Freshwater) approx. 1000 m³
- Liquid Mud approx. 340 m³
- Brine approx. 300 m³
- Free deck area approx. 500 m²
- All center cargo tanks are designed for a s.g. 2.0 ton/ m³.

SPEED / POWER

- Trial speed at T = 3.5 m (100% MCR) 11.7 knots.
- 2 x 900 kW azimuth thrusters aft.
- Bow tunnel thrusters 450 kW x2

COMPLEMENT / ACCOMMODATION

- 4 Persons in 2 person state rooms
- 24 Persons in 4 person state rooms
- 2 Persons in 1 person state rooms
- Total 30 berths

CLASSIFICATION & CERTIFICATION.....DNV-GL

CLASS NOTATION:

- +100A5 OFFSHORE SERVICE VESSEL
- HNLS, A673
- +MC
- DPS 2
- EP-D
- FF1
- Remote controlled fifi monitors located on bridge deck
- Gas detection system for Hnls cargos
- Ppe for HNLS fire fighting

SAFETY FEATURES

- Mx 1230 firefighting system for all machinery spaces
- Cargo deck foam monitors port, starboard, forward and aft

SPECIAL FEATURES

- Inert Gas Nitrogen Generator, 200 m³ per Hour
- Fresh Water Maker, 2.3 m³ per Hour
- Dispersant Spray System
- Work Boat, 7 meter, Diesel Inboard Engine

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LIQUID MUD/ BRINE SYSTEM

- Two, mission magnum cargo pumps rated at
- Completely independent piping system
- Ball check deck vents with spill containments with hi pressure release
- Port and starboard fill and discharge lines
- Segregated fill and discharge lines
- Circulation rings for liquid mud cargos

FUEL OIL SYSTEM

- Two, independent fuel oil cargo pumps rated at 60 cubic meters per hour
- Tow, transfer pumps rated at 6 cubic meters per hour
- Fuel oil purifier (centrifuge) rated at 1.15 cubic meters per hour
- Fail safe overflow venting system to prevent spills
- Metering system with real time satellite upload for consumption and transfer values

BILGE BALLAST SYSTEM

- One bilge ballast pump rated at 45 cubic meters per hour
- Two, bilge pumps rated at 32 cubic meters per hour
- One, drill water / bilge pump rated at 60 cubic meters per hour
- One, oil water separator rated at .25 cubic meters per hour

DISPERSANT SYSTEM AND OIL RECOVERY

- Dispersant fluid capacity 5 cubic meters
- Dispersant sea water supply pump rated at 5 cubic meters per hour
- Integrated eductor mixing manifold
- Retractable 5 meter spray booms port and starboard

- Vessel is certified for oil recovery 800 cubic meters

SATELLITE AND CAMERA SYSTEM

- Vsat system
- VoIP telephone
- Data upload for security cameras
- Data upload for fuel consumption and transfer
- Data upload for loading hnls cargo
- Satellite television system
- Real time access to ships vital systems monitoring.

OTHERS

- Self-loading with two 10 ton knuckle boom cranes
- External Fire Fighting System With Deck Foam Monitors
- Pollution control dispersant system
- Certified for oil recovery
- Fresh Water Generator Rated At 7 Cubic Meters Per Day
- 5 Ton deck tuggers in four locations
- 3.5 Meter stern roller
- 7 meter diesel powered aluminum work boat

WHAT CAN THIS VESSEL DO?

- Transportation HNLS < 60 degrees Celsius.
- Oil spill recovery.
- Spill containment by dispersant spray system.
- Pipeline service and flushing.
- Pipeline product recovery and transportation.
- Fire fighting with external monitors and foam system.
- Transportation of subsea equipment.
- Recovery of floating objects via deck cranes.
- Self-loading deck cargo.

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- Transportation of drilling fluids and rig support materials.
 - Support platform for dive operations.
 - Provide real time camera surveillance via satellite.
 - Variable frequency drives for all cargo pump motors
 - Power management system integrated with the propulsion system
 - Fire Fighting FIFI class 1
 - Certified explosion proof hazardous zone
 - Dispersant spray system with retractable booms.
 - Independent bilge/ ballast system for hazardous area.
 - Support drilling operations with fluids and supplies
 - Support platform operations with supplies and maintenance
- Provide firefighting assistance in a ready standby mode of operation

