

OUR DP3 FLEET

# JASCON 25

Pipelay Construction Vessel





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Jascon 25 is a pipelay construction vessel built according to the Group's hybrid design philosophy featuring DP3, a large unobstructed main deck, a big crane, rigid/flexible pipelay capability and large scale offshore accommodation capacity.

### SPECIFICATIONS

#### GENERAL

- **Classification**  
ABS ✕ A1 Barge (E), ✕ PAS, ✕ DPS-3, CRC
- **Flag** Gibraltar
- **Call sign** ZDIS3
- **IMO number** 8770106
- **Delivered** February 2009

#### PRINCIPAL DIMENSIONS

- **Length overall** 118.80 m
- **Breadth** 30.40 m
- **Extreme breadth** 36.40 m
- **Depth** 8.40 m
- **Draft (max)** 4.98 m
- **Draft (max) including retr. (3.10 m) thrusters** 8.08 m
- **Gross tonnage** 14829 t
- **Net tonnage** 4638 t

- **Deadweight (summer)** 7867 t
- **Displacement (summer)** 16400 t

#### CRANAGE

- **Main crane (Huisman Itrec)**  
800 mTon @ 30 m over the stern in sheltered waters and revolving at a radius of 26 m
- **Whiphoist**  
120 mTon @ 33.50 m 3-fall config.  
100 mTon @ 39.00 m 2-fall config.  
Heave compensation in 2 and single fall configuration
- **Auxiliary deck crane**  
Pedestal type, 34 t @ 20 m,  
22 t @ 30 m, make TTS

#### DECK SPACE

- Approx. 800 - 1500 m<sup>2</sup>

#### DECK LOAD

- 10 t / m<sup>2</sup>

#### CAPACITIES

- **Fuel oil (storage)** 1887 m<sup>3</sup>
- **Fuel day tank (total)** 140 m<sup>3</sup>
- **Fuel overflow** 24 m<sup>3</sup>
- **Fuel purification** 81 m<sup>3</sup>
- **Lube oil** 89 m<sup>3</sup>
- **Fresh water (potable)** 2614 m<sup>3</sup>
- **Ballast water** 6955 m<sup>3</sup>
- **Sludge oil** 113 m<sup>3</sup>
- **Dirty oil** 81 m<sup>3</sup>
- **Black / Grey water** 516 m<sup>3</sup>
- **Bilge water** 170 m<sup>3</sup>

#### SERVICE AIR

- 2 x DENO Compressors
- 24 m<sup>3</sup> / min FAD at 6 bar

#### DP SYSTEM

- Kongsberg K-POS 22 aft working bridge
- Kongsberg K-POS 12 fwd navigation bridge

# Specifications

## DP REFERENCE SYSTEMS

- 2 x Radius 1000 (independent separate) + transponders
- 2 x DGPS receivers
- 3 x Gyro compass
- 3 x Motion reference units
- 1 x Lightweight Tautwire
- 1 x HIPAP 500
- 1 x Gangway (if connected)
- 1 x Cyscan
- 2 x Differential encoders

## POWER PLANT

- 4 x Caterpillar 3516 B diesel engines (1825 kW) each

## PROPULSION

- **Bow thruster ROLLS ROYCE**  
1 x electrically driven 1355 kW
- **Stern thrusters ROLLS ROYCE**  
2 x FPP azimuth, 1920 kW each direct driven diesel
- **Forward/Aft thrusters ROLLS ROYCE**  
4 x FPP retractable azimuth, 1920 kW each direct driven diesel

## ENDURANCE

- **Freshwater making capacity**  
2 x 50 t / 24 hrs
- **Fuel consumption (typical)**
  - In port 5 m<sup>3</sup> / 24 hrs
  - Transit (2 x aft thrusters only) 20 m<sup>3</sup> / 24 hrs
  - DP 15 m<sup>3</sup> / 24 hrs

## HELIDECK

- Suitable for Sikorsky S-92A Helibus
- Maximum "D" Value helideck 22.20 m
- Maximum take-off weight 13 t
- Helideck Monitoring System 100 Kongsberg
- Fixed foam system with 3 monitors

## ACCOMMODATION

- 355 bunks in 105 cabins
  - 5 x 1 person cabins
  - 25 x 2 persons cabins
  - 75 x 4 persons cabins

Fully air-conditioned permanent accommodation for up to 355 bunks in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation rooms, laundry, internet café as well as a medic room with hospital.

## RADIO / COMMUNICATION

- V-Sat Standard bandwidth 512/256 kB
- GMDSS Area 3
- EPIRB
- SART
- Integrated Telephone System
- Sound Powered Telephone
- Public Address System

## LIFESAVING APPLIANCES

- **Liferafts** 14 x 25 persons
- **Lifeboats** 4 x 106 persons  
2 x 102 persons
- **Fast rescue boat** 1 x 6 persons

## GANGWAY (Optional)

- **Max length** 42.50 m
- **Length in mid position** 36.50 m
- **Height of pedestal** 9.70 m
- **Make** Marine Aluminium, Norway

## PIPELAY EQUIPMENT (Optional)

- **Concept** Starboard mounted single joint S-lay system, make SAS, in dismantlable Firing Line shelter
- **Capacity** 4" - 48" diameter pipe (with coating 60")
- **Tensioners** 2 x tensioner of 60 t each
- **Davits** 5 x with load cells, capacity 60 t each
- **Stinger** length 55 m, supported by A-Frame
- **Workstations**  
Firing Line 3 welding stations, 1 NDE (X-ray or Ultrasonic) / repair station, 2 coating stations; all stations sheltered

## (Installed)

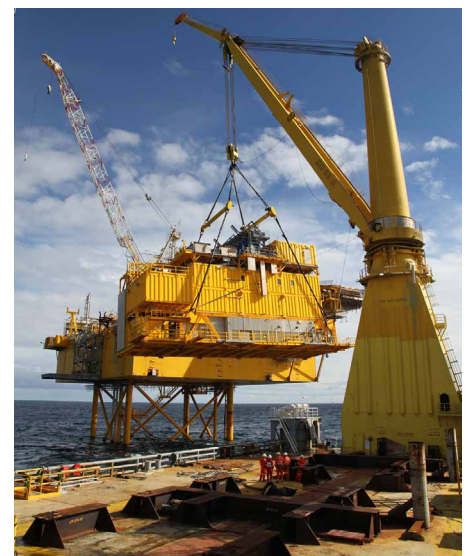
- **A&R system** A&R winch 120 t, make SAS

## MOORING SYSTEM

- **Anchor windlasses** 2 x electrical windlasses with wrapping heads, chain and anchor
- **Capstans** 4 x 10 t, make DMTZ

## ADDITIONAL DATA

- **Sewage treatment unit**  
vacuum system, with nil overboard discharge, make EVAC
- **Incinerator** 800,000 kcal / hrs, make Teamtec
- **Yokohama fenders** 6.50 x 3.30 m





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