

# JASCON 35

DP-3 PIPELAY / CRANE / CONSTRUCTION VESSEL



Like Jascon 18, Jascon 35 is a ship shaped hull with twin working decks and one of the last vessels to be delivered in the group's seven vessel new-build pipe-lay / construction programme, each of which have DP3, large clear working decks, big cranes as well as large-scale offshore accommodation capacity.



The hybrid configuration of the vessel makes it suitable to execute a wide variety of marine construction and pipe-lay tasks in both the SURF and conventional pipe-lay and platform installation markets, both in ultra deep-water and continental shelf environments.

- Length 150.00 m
- Breadth 36.80 m
- Propulsion system: diesel-electric
- Total thruster power 16,720 kW
- Class III DP System
- Clear deck area, approx: 1800 m<sup>2</sup>
- S-lay pipelay system below maindeck, 2 x 200 t tensioners, 120 m stinger
- 800 t Main crane, heave compensated, with underwater capability
- 2 Auxiliary deck cranes
- Accommodation for up to 400 persons
- Moon pool 8.00 x 5.80 m at SB

## SPECIFICATIONS

### GENERAL

- Classification: ABS, ✕ A1 (E), ✕ AMS, ✕ ACCU, ✕ DPS-3, CRC
- Flag: Gibraltar

### DIMENSIONS

- Length, overall: 150.00 m
- Breadth: 36.80 m
- Depth: 15.10 m
- Operating draft: 6.00 m

### MACHINERY

- Propulsion thruster system: diesel-electric
- Generator sets: 6 x 3580 kW each, 6.6 kV, 60 Hz, 3 phases, make EMD/Kato
- Emergency/Harbour generator set: 1368 kW, 440 V, 60 Hz, 3 phase, make Caterpillar

### THRUSTERS

- Stern thrusters: 2 x FPP azimuth, 3000 kW each
  - Aft thrusters: 2 x FPP azimuth (retractable type), 1800 kW each
  - Forward thrusters: 3 x FPP azimuth (retractable type), 1800 kW each
  - Bow thruster: 1 x electrically driven, 1720 kW
- All thrusters make Rolls Royce

### MOORING SYSTEM

- Windlass: 2 x anchor windlasses
- Cargo barge mooring: 2 x constant tension mooring winches and 2 x electrically driven bollards

### POSITIONING SYSTEM DPS-3

- Kongsberg Simrad SDP 22 on working / navigation bridge with SDP12 control station at DP back-up room.
- Reference systems:
  - 1 x Radius 1000
  - 2 x DGPS receivers
  - 3 x Gyro compass
  - 3 x Motion reference units
  - 3 x Wind sensors
  - 1 x Hipap 500
  - 1 x Lightweight Tautwire for 300 m water depth

### PIPELAY EQUIPMENT

- Concept: central slot single joint S-lay system, below maindeck
- Capacity: 4" – 48" diameter pipe (60" incl. coating)
- Tensioners: 2 tensioners, 200 t each
- Workstations Firing Line: 5 welding stations, 1 NDE (X-ray or ultrasonic) / repair station, 2 coating stations
- Workstations Piggy Back Line: 3 welding stations, 1 NDE repair station
- Davits (stored on board): 5 x with load cells, capacity 60 t each
- A & R system: 1 x SWL 400 t in Firing Line
- Stinger: length up to 120 m

### CRANES

- Main crane: Mast crane, main hoist 800 t @ 26.5 m, max reach 52.5 m, deepwater hoist system 200 t with 3000 m hook travel and active heave compensation make, Huisman-Itrec
- Auxiliary deck crane: 2 x Pedestal type, 40 t @ 40 m, make TTS

### ACCOMMODATION

- Fully air-conditioned permanent accommodation for up to 400 persons in cabins all with individual bathroom facilities. Including conference rooms, offices, cinema, gymnasium, prayer room, recreation room, laundry as well as a medic room with hospital

### HELIDECK

- Suitable for Sikorsky S-92A Helibus

### ADDITIONAL DATA

- Clear deck area, approx: 1800 m<sup>2</sup>, loading capacity 10 t / m<sup>2</sup>
- Firefighting equipment: 2 x main fire pumps at 600 m<sup>3</sup> / hr each. On the helideck a fixed foam system with 3 monitors
- Sewage treatment: sewage treatment plant with nil overboard discharge
- 4 x life boats 100 persons each
- Rescue boat: fast rescue boat with A-frame type Davit
- Moon pool 8.00 x 5.80 m at SB