

OUR DP-3 FLEET

JASCON 35

DEEPWATER PIPELAY
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 pipelay / 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 pipelay tasks in both the SURF and conventional pipe-lay and platform installation markets, both in ultra deep-water and continental shelf environments.

The vessel can offer the following range of services:

- SURF services, including EPIC of subsea oil and gas pipelines and subsea infrastructure
- Offshore installation, covering production platforms and associated pipelines
- Decommissioning services
- Heavylift services



Firing line below main deck

Delivering the difference
www.seatrucksgroup.com

JASCON 35

DEEPWATER PIPELAY CONSTRUCTION VESSEL

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 driven
- **Generator sets** 8 x 3580 kW each, 6.6 kV, 60 Hz, 3 phase, 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), 2400 kW each,
2 x FPP azimuth (retractable type), 1800 kW each
- **Forward thrusters** 3 x FPP azimuth (retractable type), 2400 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 main deck
- **Capacity** 4" – 48" diameter pipe (60" including coating)
- **Tensioners** 3 tensioners, 200 t each
- **Workstations Firing Line** 4 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** 2 x SWL 300 t in Firing Line
- **Stinger** length up to 120 m
- **A modular J-lay tower** with 2 work stations can be added with a capacity of 1200 t laying / 1600 t holding

CRANES

- **Main crane** Mast crane, main hoist 800 t @ 26.50 m, max reach 52.50 m, deepwater hoist system 200 t with 3000 m hook travel and active heave compensation make, Huisman-ltrec
- **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 m², loading capacity 10 t / m²
- **Firefighting equipment** 2 x main fire pumps at 600 m³ / hr each. On the helideck a fixed foam system with 3 monitors
- **Sewage treatment** plant with nil overboard discharge
- **Life boats** 4 x 100 persons each
- **Rescue boat** fast rescue boat with A-frame type Davit
- **Moon pool** 8.00 x 5.80 m at SB

UNDER CONSTRUCTION