

OUR DP-3 FLEET

JASCON 18

DEEPWATER PIPELAY
CONSTRUCTION VESSEL



Jascon 18 with its twin-working decks is the deepwater flagship of the Sea Trucks Group's DP-3 offshore construction vessel fleet. This vessel is built according to the group's hybrid design philosophy and capable of performing a wide variety of marine construction and pipelay tasks in both 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

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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 K-POS 22 on working/navigation bridge with K-POS 12 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

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, up to 4000 m x 90 mm wire
- **Stinger** length up to 120 m

CRANES

- **Main crane** 1800 t revolving, underwater capacity 300 t @ 3000 m + heave compensated, 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 room, 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 200 m³ / hr each. On the helideck a fixed foam system with 3 monitors
- **Sewage treatment** plant with nil overboard discharge
- **Rescue boat** fast rescue boat with A-frame type Davit
- **Life boats** 4 x 100 persons each
- **Moon pool** 8.00 x 5.80 m at SB

UNDER CONSTRUCTION