

OUR DP-3 FLEET

JASCON 34

PIPELAY CONSTRUCTION
VESSEL



Jascon 34 is the sister vessel of Jascon 25 and built according to the Sea Trucks Group's hybrid design philosophy and one of the group's four deepwater pipelay construction vessels, each of which have DP-3, large unobstructed main decks, big cranes and large scale offshore accommodation capacities.

The vessel can therefore 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
- Flotel services, involving accommodation services requiring high level of connectivity



JASCON 34

PIPELAY CONSTRUCTION VESSEL

SPECIFICATIONS

GENERAL

- **Classification** ABS ✕ A1 Barge (E), ✕ PAS, ✕ DPS-3, CRC
- **Flag** Gibraltar

DIMENSIONS

- **Length, overall** 118.80 m
- **Breadth** 30.40 m
- **Extreme breadth** 37.20 m
- **Depth** 8.40 m
- **Operating draft** 5.00 m

MACHINERY

- **Propulsion thruster system** direct diesel driven
- **Generator sets** 4 x Caterpillar 3516B – 1825 kW each, 440V / 60 Hz
- **Portable generator set** 1 x Cummins, 500 kVA (optional)

THRUSTERS

- **Stern thrusters** 2 x FPP azimuth, 1825 kW each, direct diesel driven
 - **Forward / Aft thrusters** 4 x FPP azimuth (retractable type), 1825 kW each, direct diesel driven
 - **Bow thruster** 1 x 1355 kW, electrically driven
- All thrusters make Rolls Royce*

MOORING SYSTEM

- **Anchor windlasses** 2 x electric anchor windlasses with warping heads, chain and anchor

POSITIONING SYSTEM DPS-3

- **Dynamic positioning system** Kongsberg K-POS 22 on aft working bridge with K-POS 12 control station at forward navigation bridge
- **Reference systems**
 - 2 x Radius 1000 (independent/separate)
 - 2 x DGPS receivers
 - 3 x Motion reference units
 - 3 x Gyro compass
 - 3 x Wind sensors
 - 1 x Hipap 500
 - 1 x Lightweight Tautwire
 - 1 x Cyscan
 - 1 x Gangway (if connected)

GANGWAY

Hydraulic Heave Compensated Telescopic gangway

- **Max. length** 42.50 m
- **Length in mid position** 36.50 m
- **Height of pedestal** approx. 12.20 m
- **Make** Marine Aluminium, Norway

PIPELAY EQUIPMENT (MODULAR)

- **Concept** starboard mounted single joint S-lay system, make SAS, in dismantable Firing Line shelter
- **Capacity** 4" – 48" diameter pipe (with coating 60")
- **Tensioners** 2 x tensioner of 60 t each
- **Workstations Firing Line** 3 welding stations, 1 NDE (X-ray or Ultrasonic) / repair station, 2 coating stations; all stations sheltered
- **Davits (stored on board)** 5 x with load cells, capacity 60 t each
- **A & R system** A&R winch, 120 t
- **Stinger** length 57.50 m, supported by A-frame

CRANES

- **Main crane** 800 t @ 30 m, whiphoist 120 t @ 35 m underwater capacity 50 t @ 720 m + heave compensated, make Huisman-Itrec
- **Auxiliary deck crane** Pedestal type, 34 t @ 20 m, 22 t @ 30 m, make TTS

ACCOMMODATION

Fully air-conditioned permanent accommodation for up to 335 persons in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation room, laundry as well as a medic room with hospital

HELIDECK

Suitable for Sikorsky S-92A Helibus

ADDITIONAL DATA

- **Clear deck area** approx. 800 - 1500 m², loading cap. 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
- **Rescue boat** fast rescue boat with A-frame type Davit
- **Life boats** 4 x 106 persons each
- **Liferafts** 14 x 25 persons
- **Moon pool** 7.90 x 7.20 m near midship at PS

DELIVERED
April 2010