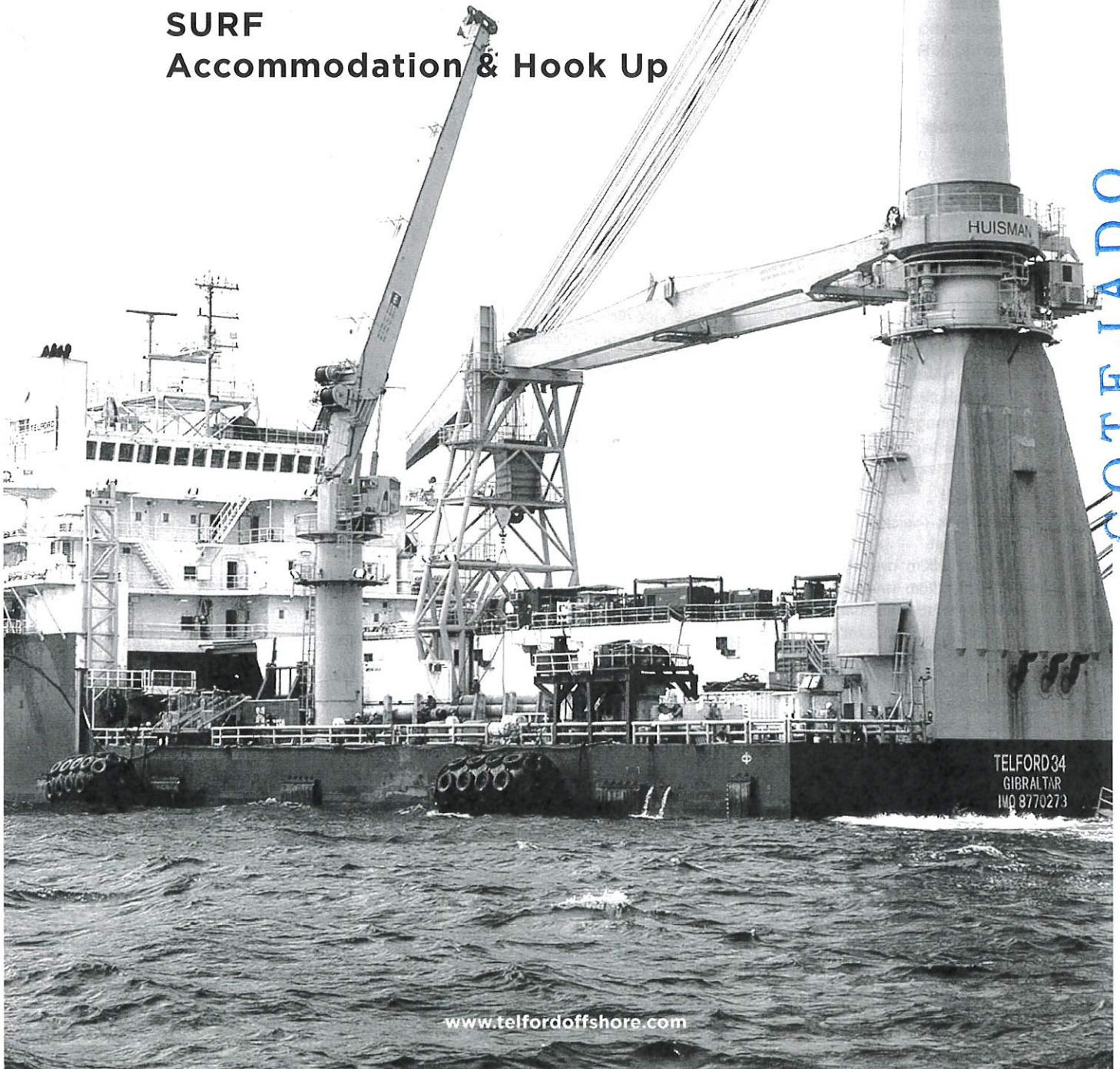


TELFORD
OFFSHORE



JASCON 34

**DP3 Pipelay
Offshore Construction
SURF
Accommodation & Hook Up**



COTEJADO

JASCON 34



Built according to a distinctive hybrid design philosophy, the multipurpose Jascon 34 DP3 vessel includes a large unobstructed deck, an 800mt capacity crane with active heave compensated (AHC) features, a heave-compensated gangway and the option of installing a modular rigid/flexible pipelay system.

The Jascon 34 was chosen for accommodation projects in the difficult waters of the Sea of Okhotsk at the Exxon-Neftegaz Arkutun Dagi field offshore Sakhalin Island, as well as for the offshore construction programme and rigid pipelay activities for ENAP on the PIAM area at the Eastern entrance of the Magellan Strait offshore Argentina.

She also completed an EPCI assignment for the Total Anguille pipeline project, offshore Gabon. This project included the design, procurement and installation of a 32 km, 18" pipeline between the Torpille and Anguille platforms as well as the riser connections, various pipeline crossings and expansion spools.

SPECIFICATIONS

General

- Classification ABS X A1 Barge (E), X PAS, X DPS-3, CRC
- Flag Gibraltar
- Call Sign ZDJL7
- IMO Number 8770273
- Delivery April 2010

Principal dimensions

- Length Overall 118.80m
- Breadth 30.40m
- Extreme Breadth 36.40m
- Depth Main Deck 8.40m
- Operating Draft 5.00m
- Maximum Draft 5.84m
- Maximum Draft 8.94m (Retractable thrusters deployed)
- Gross Tonnage 14725t
- Net Tonnage 4605t

Cranage

- Mast Crane (*Huisman-Itrec*)
 - Main Hoist 800mt @30m over the stern 800mt @26m revolving
 - Whip Hoist (man-riding) 120mt @33.50m 3 falls 100mt @39.00m 2 falls (AHC) 50mt @72.00m 1 fall (AHC)
- Pedestal Crane (*TTS Marine ASA*)
 - Main Hoist 34mt @20m 22mt @30m
 - Aux. Hoist (man-riding) 5mt @31m

Clear Deck Area

- Approx. 1350m²

Deck load

- 10 t/m²

Capacities

- Fuel Oil (storage) 1783m³
- Fuel Oil (day tanks) 137m³
- Fuel Oil Overflow 24m³
- Fuel Oil Purification 83m³
- Lube Oil 97m³
- Fresh Water 2667m³
- Ballast Water 7130m³
- Sludge Oil 115m³
- Dirty Oil 81m³
- Black/Grey Water 524m³
- Bilge Water 172m³

Service Air

- Service Air Compressor (*Deno*) 2x24m³/min FAD@6 bar

DP System

- Kongsberg K-POS 22 Aft Working Bridge
- Kongsberg K-POS 12 Fore Navigation Bridge

DP Reference System

- 2xRadius 1000 (independent operated)
- 2xDGPS Receivers
- 3xGyro Compass

- 3 x Motion Reference Units
- 2 x Lightweight Tautwire
- 1 x HIPAP 500
- 1 x Gangway (if connected)
- 1 x Cyscan + Prisms Clusters
- 3 x Wind Sensors

Power Plant

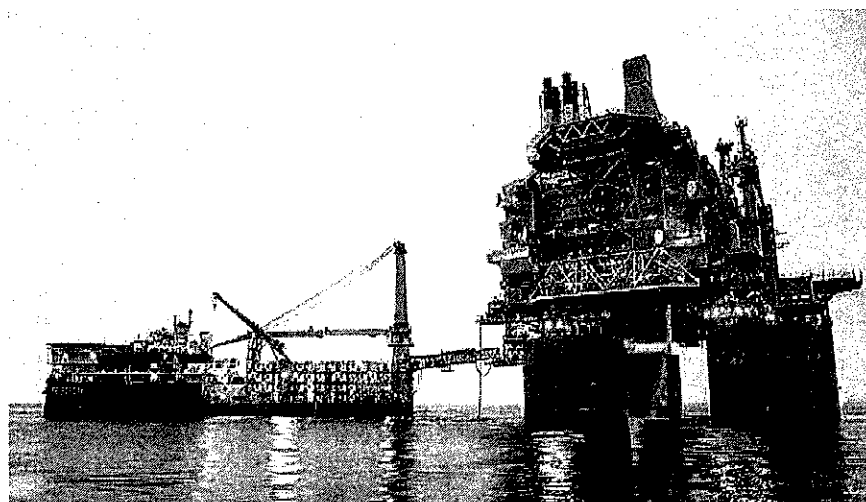
- Main Generators (*Caterpillar*) 4x Diesel Engines type CAT 3516 B (1825 kW)

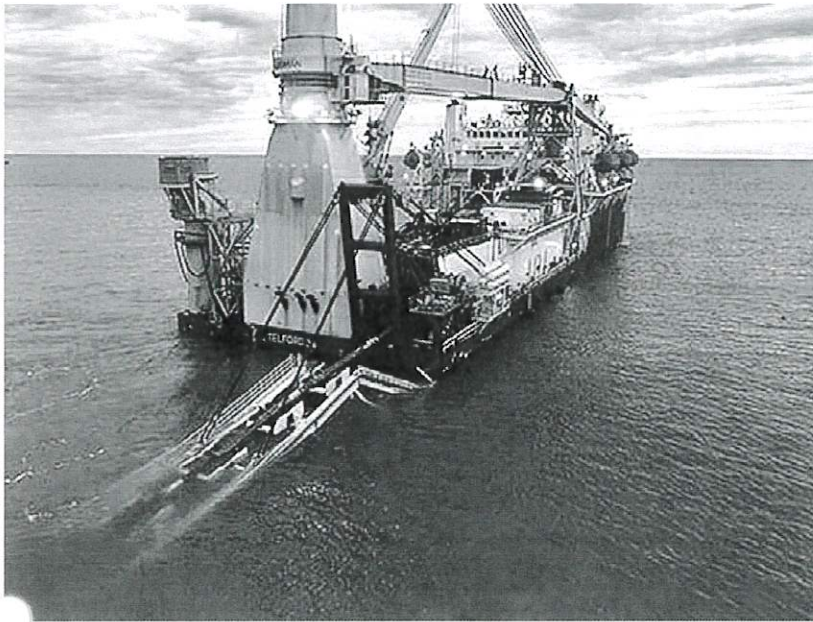
Propulsion

- Bow Thruster (*Rolls Royce*) 1 x electrically driven 1355kW
- Stern Thruster (*Rolls Royce*) 2x FPP azimuth, 1920kW each direct driven diesel
- Forward/Aft Thruster (*Rolls Royce*) 4x FPP retractable azimuth, 1920kW each direct driven diesel

Endurance

- Fresh Water 2 x 50t/24hrs 1 x 200t/24hrs
- Fuel Oil (typical)
 - Harbor 5m³/24hrs
 - Transit 20m³/24hrs (2x aft thrusters only)
 - DP 15m³/24hrs





Helideck

- ABS, CAP437 compliant suitable for Sikorsky S-92A Helibus
- Max. "D" 22.20 m
- Max. T.O.W 13t
- Helideck Monitoring System 100
- Fixed Foam System (3 monitors)

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 rooms, laundry, internet café as well as a hospital.
- 335 berths in 100 cabins
 - 5 x 1 person cabins
 - 25 x 2 persons cabins
 - 70 x 4 persons cabins

Radio/Communication

- V-Sat Antenna (*Intellian*)
- GMDSS Areas 1, 2 & 3
- EPIRB
- SART
- Integrated Telephone System
- Sound Powered Telephone
- Public Address System

Lifesaving appliances

- Liferafts 30 x 25 persons
- Lifeboats 4 x 102 persons
2 x 106 persons
- Fast Rescue Boat 1 x 6 persons

Gangway

- Electric-Hydraulic Telescopic Personnel Transfer Gangway (*Marine Aluminium*)
Operational length 36.50m

Pipelay equipment

- Pipelay System (*SAS*)
Starboard mounted single joint S-lay system, under dismantable Firing Line shelter
- Capacity
4" - 48" diameter pipe (with coating 60")
- Tensioners
2 x 60t Horizontal Tensioners
- Stinger
Length 55m, supported by A-Frame
- Workstations
7 working stations for welding, NDE (X-ray or Ultrasonic), pipe repair and coating
- A&R system
 - 120t A&R winch
 - 120t Measuring Sheave

Mooring System

- Anchor Windlass (*DMT*)
2 x Electrical Anchor Windlasses with wrapping heads
- Capstan (*DMT*)
4 x 10t

Additional Data

- Moonpool
7.90x7.20m near midship, PS, between frame 48 and 60
- Sewage Treatment Unit (*EVAC*)
Vacuum system, with nil overboard discharge
- Incinerator (*TeamTec*)
1 x 800,000 kcal/h
- Yokohama Fenders
6.50 x 3.30m

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LOCATIONS - OPERATIONS



Our locations around the world mean we're always close to our customers.
We serve all operators, from majors, internationals and NOCs to small independents and contractors –
so let's keep in touch.

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