

TELFORD OFFSHORE



TELFORD 28

DP3 Accommodation
& Hook Up



COTEJADO

TELFORD28
GIBRALTAR

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TELFORD 28



Built according to a distinctive hybrid design philosophy, the multipurpose Telford 28 DP3 vessel is equipped with a heave-compensated gangway, a large deck space and a 270mt crane. The Telford 28 is an ideal vessel for accommodation and hook up activities where high capacity POB and a large and versatile deck space are required.

Telford 28 has provided a wide range of accommodation and hook up services in waters around the world, including accommodation projects in Brazil (Saipem - FPSO Cidade de Vitoria for Petrobras' Golfinho ultra deep-water field) and Angola (ExxonMobil Kizomba B deep water field).

SPECIFICATIONS

General

- Classification ABS ✱ A1 Barge (E), ✱ PAS, ✱ DPS-3, CRC
- Flag Gibraltar
- Call Sign ZDHX5
- IMO Number 8769638
- Delivery April 2007
- Upgraded June 2008

Principal dimensions

- Length Overall 111.80m
- Breadth 30.48m
- Extreme Breadth 37.78m
- Depth Main Deck 6.71m
- Operational Draft 4.78m
- Maximum Draft 5.00m
- Maximum Draft 7.78m (Retractable thrusters deployed)
- Gross Tonnage 13062t
- Net Tonnage 3918t

Cranage

- Mast Crane (*Seatrac*)
 - Main Hoist 270mt @16m
 - Aux. Hoist 27mt @12.2m
- Pedestal Crane (*TTS Marine*)
 - Main Hoist 34mt @ 20m
 - Aux. Hoist (man-riding) 22mt @ 30m
 - Aux. Hoist 5mt @ 31m

Clear Deck Area

- Approx. 1 350m²

Deck load

- 10t/m²

Capacities

- Fuel Oil (storage) 2005m³
- Fuel Oil (day tanks) 61.5m³
- Fuel Oil Purification 64m³
- Lube Oil 86.7m³

- Fresh Water 2430m³
- Ballast Water 6300m³
- Sludge Oil 40.3m³
- Dirty Oil 45.8m³
- Black/Grey Water 1056m³
- Bilge Water 161.2m³

Service Air

- Service Air Compressor (*Quincy*) 1x28 m³/min FAD@8 bar
- Service Air Compressor (*Stromme*) 1x6.30 m³/min FAD@7 bar

DP System

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

DP Reference System

- 1xRadius 1000 (Independent operated)
- 2xDGPS Receivers
- 3xGyro Compass
- 3xMotion Reference Units
- 1xLightweight Tautwire

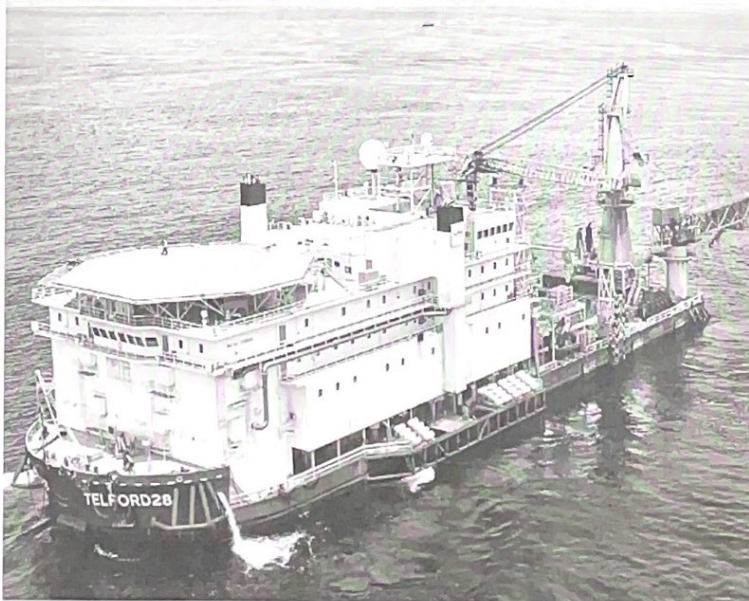
- 1xHIPAP 500
- 1xGangway (if connected)
- 1xCyscan
- 3xWind Sensors

Power Plant

- Main Generators (*Caterpillar*) 3x Diesel Engines type CAT 3516 B (1825kW)

Propulsion

- Bow Thruster (*Wartsila*) 1xelectrically driven 1355kW
- Forward/Aft Thrusters (*Thrustmaster*) 4x fixed pitch hinged azimuth hydraulic driven thrusters type OD1500 (1200kW)
- Midship Thruster (*Thrustmaster*) 2x fixed pitch hinged azimuth hydraulic driven thrusters type OD1000 (600kW)
- Center Aft thruster (*Wartsila*) 1xelectrically driven retractable fixed pitch thruster (1000kW)





Endurance

- Fresh Water 3 x 50t/24hrs
- Fuel Consumption (typical)
 - Harbor 5m³/24hrs
 - Transit 20m³/24hrs (2 x aft thrusters only)
 - DP 13m³/24hrs

Helideck

- ABS, Cap437 compliant, suitable for Sikorsky S-92A Helibus
- Max. "D" 22.20m
- Max. T.O.W. 13t
- Helideck Monitoring System 100
- Fixed foam system (3 monitors)
- *Optional:* Heli-refueling installation with 3 storage tanks

Accommodation

- Fully air-conditioned permanent accommodation for up to 462 persons in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation rooms, laundry, internet café as well as a hospital.
- 462 berths in 120 cabins
 - 4 x 2 person suits
 - 6 x 2 persons cabins
 - 106 x 4 persons cabins
 - 1 x 6 persons cabin

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 56 x 25 persons
- Fast Rescue Boat 1 x 6 persons

Gangway

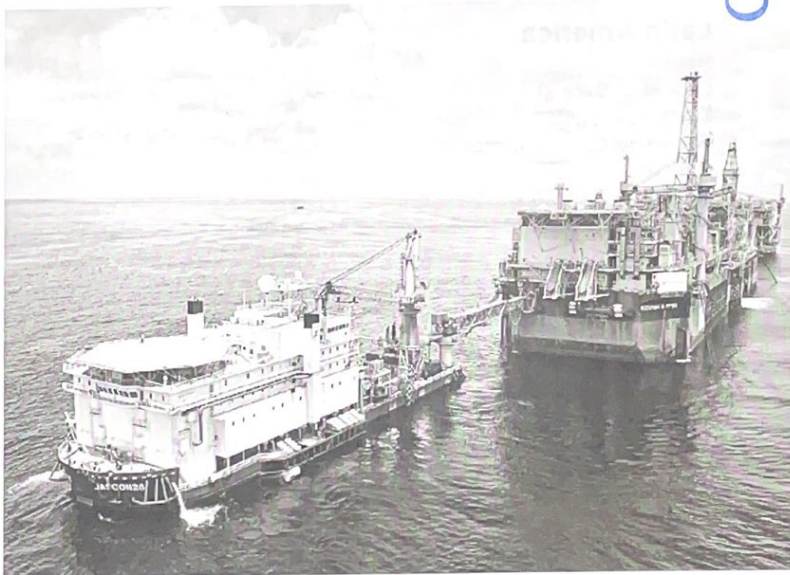
- Electric-Hydraulic Telescopic Personnel Transfer Gangway (*Marine Aluminium*)
- Operational length 36.50m

Mooring System

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

Additional Data

- Sewage Treatment Unit (*Hamworthy*)
- 1x with nil overboard discharge
- Incinerator (*TeamTec*)
- 800,000 kcal/h
- Yokohama Fenders
- 6.50 x 3.30m



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