

# 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).



Accommodation & Hook Up



Offshore Construction



DP3 Pipelay

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# SPECIFICATIONS

## General

<b>Classification</b>	ABS X A1 Barge, X PAS, X DPS-3, CRC
<b>Flag</b>	Gibraltar
<b>Call Sign</b>	ZDHX5
<b>IMO Number</b>	8769638
<b>Delivery</b>	April 2007
<b>Upgraded</b>	June 2008

## Principal Dimensions

<b>Length Overall</b>	111.00 m
<b>Breadth</b>	30.48 m
<b>Extreme Breadth</b>	37.78 m
<b>Depth Main Deck</b>	6.71 m
<b>Operating Draft</b>	4.778 m
<b>Maximum Draft</b> <i>(Retractable thruster deployed)</i>	7.778 m
<b>Gross Tonnage</b>	13062 t
<b>Net Tonnage</b>	3918 t

## 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
109 x 4 persons cabins
1 x 6 persons cabins

## DP System

<b>Kongsberg K-POS 21</b>	Aft Working Bridge
<b>Kongsberg K-POS 11</b>	Fore Navigation Bridge

## Power Plant

<b>Main Generators</b> <i>(Caterpillar)</i>	3 x Diesel Engines type CAT 3516 B (1825 kW)
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## Main Deck

<b>Deck Area</b>	Approx. 1350 m <sup>2</sup>
<b>Deck Load</b>	10t/m <sup>2</sup>

## Gangway

<b>Electric-Hydraulic Telescopic Personnel Transfer Gangway</b> <i>(Uptime/Marine Aluminium)</i>	
<b>Operational length</b>	36.50 m

## Cranage

<b>Mast Crane</b> <i>(Seatrax)</i>	
<b>Main Hoist</b>	270 mt @16 m
<b>Aux. Hoist</b>	27 mt @12.2 m
<b>Pedestal Crane</b> <i>(TTS Marine)</i>	
<b>Main Hoist</b>	34 mt @20 m 22 mt @30 m
<b>Aux. Hoist</b> <i>(man-riding)</i>	5 mt @31 m

## Propulsion

<b>Bow Thruster</b> <i>(Wartsila)</i>	1 x electrically driven 1355kW
<b>Forward/Aft Thruster</b> <i>(Thrustmaster)</i>	4 x fixed pitch hinged azimuth hydraulic driven thrusters type OD1500 (1200kW)
<b>Midship Thruster</b> <i>(Thrustmaster)</i>	2 x fixed pitch hinged azimuth hydraulic driven thrusters type OD1000 (600kW)
<b>Center Aft Thruster</b> <i>(Wartsila)</i>	1 x electrically driven retractable fixed pitch thruster (1000kW)

## Cargo Capacities

<b>Dead weight</b>	6791t
<b>Fuel Oil</b>	2196.00 m <sup>3</sup>
<b>Lube Oil</b>	97.30 m <sup>3</sup>
<b>Fresh Water</b>	2429.8 m <sup>3</sup>
<b>Ballast Water</b>	6300.20 m <sup>3</sup>

## Radio/Communication

<b>V-Sat Antenna</b> <i>(Intellian V150NX)</i>
<b>GMDSS Areas 1,2 &amp; 3</b>
<b>EPIRB</b>
<b>SART</b>
<b>Integrated Telephone System</b>
<b>Sound Powered Telephone</b>
<b>Public Address System</b>

## DP Reference System

<b>2 x Radius 1000</b> <i>(independent operated)</i>
<b>2 x DGPS Receivers</b>
<b>3 x Gyro Compass</b>
<b>3 x Motion Reference Units</b>
<b>1 x Lightweight Tautwire</b>
<b>1 x HIPAP 500</b>
<b>1 x Gangway</b> <i>(if connected)</i>
<b>1 x Cyscan + Prisms Clusters</b>
<b>3 x Wind Sensors</b>

## Helideck

<b>ABS, CAP437 7<sup>th</sup> Edition compliant suitable for Sikorsky S-92A Helibus</b>
<b>Max. "D" 22.20m</b>
<b>Max. T.O.W. 13t</b>
<b>Helideck Monitoring System 100</b>
<b>Fixed Foam System</b> <i>(3 monitors)</i>

## Endurance

<b>Fresh Water</b>	3 x 50t/24hrs
<b>Fuel Consumption</b> <i>(typical)</i>	
<b>Harbor</b>	5m <sup>3</sup> /24hrs
<b>Transit</b> <i>(2 x aft thrusters only)</i>	20m <sup>3</sup> /24hrs
<b>DP</b>	15m <sup>3</sup> /24hrs

## Lifesaving Appliances

<b>Liferafts</b>	56 x 25 persons
<b>Fast Rescue Boat</b>	1 x 6 persons

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