



**TELFORD**  
OFFSHORE

## **TELFORD 30**

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



# TELFORD 30



Built according to a distinctive hybrid design philosophy, the Telford 30 is a multipurpose DP3 vessel suitable for rigid pipelay, offshore construction accommodation and hook up activities. The Telford 30 vessel has a large unobstructed main deck, a 270mt crane and large-scale accommodation capacity.

## SPECIFICATIONS

### General

- **Classification** ABS A1 Barge, PAS, DPS-3, CRC
- **Flag** Gibraltar
- **Call Sign** ZDHS6
- **IMO Number** 9420655
- **Delivery** October 2007

### Principal Dimensions

- **Length Overall** 111.00m
- **Breadth** 30.48m
- **Extreme Breadth** 38.00m
- **Depth Main Deck** 6.71m
- **Operational Draft** 4.719m
- **Maximum Draft** 7.719m (Retractable thrusters deployed)
- **Gross Tonnage** 13340t
- **Net Tonnage** 4002t

### Cranage

- **Mast Crane** (*Seatrax*)
  - ▶ Main Hoist STX 270mt @12m
  - ▶ Aux. Hoist STX-man-riding, Capacity 25mt@57.3m
- **Pedestal Crane** (*TTS Marine*)
  - ▶ Main Hoist 34mt@20m 22mt@30m
  - ▶ Aux. Hoist (*not man-riding*) 5mt@31m

### Clear Deck Area

- **Approx.** 700m
- **Main Deck** 283m<sup>2</sup>
- **Top of Firing line** 268m<sup>2</sup>
- **Total** 551m<sup>2</sup>
- **Sheltered area inside Conveyor house** 289m<sup>2</sup>

### Deck load

10t/m<sup>2</sup>

### Cargo Capacities

- **Dead Weight** 7396.08t
- **Fuel Oil** 2169.60m<sup>3</sup>
- **Lube Oil** 97.30m<sup>3</sup>
- **Fresh Water** 2429.80m<sup>3</sup>
- **Ballast Water** 4950.2m<sup>3</sup>

### Service Air

- **Service Air Compressor** (*Deno*) 2x24m<sup>3</sup>/min FAD@6 bar

### DP System

- **Kongsberg Simrad SDP 21** Aft Working Bridge
- **Kongsberg Simrad SDP 11** Fore Navigation Bridge

### DP Reference System

- **1x Radius 1000** (independent operated)
- **2x DGPS Receivers**
- **3x Gyro Compass**
- **3x Motion Reference Units**
- **1x Lightweight Tautwire**
- **1x Gangway** (if connected)
- **1x Cyscan+Prisms Clusters**
- **3x Wind Sensors**

### Power Plant

- **Main Generators** (*Caterpillar*) 3x diesel engines CAT 3516B (1825kW)

### Propulsion

- **Bow Thruster** (*Wartsila*) 1xelectrically driven 1355kW

### Forward/Aft Thrusters

(*Thrustmaster*)  
4x fixed pitch hinged azimuth hydraulic driven thrusters type OD1500 (1200kW)

### Center Aft Thruster

(*Wartsila*)  
1xelectrically driven retractable fixed pitch thruster (1000kW)

### Endurance

- **Fresh Water** 2x45m<sup>3</sup>/24hrs 1x65m<sup>3</sup>/24hrs
- **Fuel Oil** (typical)
  - ▶ **Harbor** 5m<sup>3</sup>/24hrs
  - ▶ **Transit** 20m<sup>3</sup>/24hrs (24m<sup>3</sup>/24hrs (80% load) 5x Thrusters in use 15m<sup>3</sup>/24hrs (50% load) 4x Side thrusters in use
  - ▶ **DP** 15m<sup>3</sup>/24hrs

### Helideck

- ABS, CAP 437 7<sup>th</sup> Edition 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)



### Accommodation

- Fully air-conditioned permanent accommodation for up to 480 persons in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation rooms, laundry, internet café as well as an hospital.
- ▶ **480 berths in 128 cabins**
  - ▶ 2x1 person cabins
  - ▶ 13x2 persons cabins
  - ▶ 113x4 persons cabins

### Radio/Communication

- V-Sat Antenna (*Intellian V150NX*)
- GMDSS Area 1,2 & 3
- EPIRB
- SART
- Integrated Telephone System
- Sound Powered Telephone
- Public Address System

### Lifesaving Appliances

- Liferafts 58 x 25 persons
- Fast Rescue Boat 1x6 persons

### Gangway

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

### Pipelay Equipment (optional)

- **Pipelay System** (SAS) Starboard mounted single joint S-lay system.
- **Capacity** 4"-48" diameter pipe (with coating 60")

### Tensioners

1x100t Horizontal Tensioner

### Stinger

- Length 35m, supported by stuts

### Workstations

5 working stations for welding, NDE (X-ray or Ultrasonic), pipe repair and coating

### A&R system

- (*Rolls Royce*)
  - ▶ 100t A&R Winch 100t
  - ▶ 100t A&R Measuring Sheave

### Mooring System (optional)

- **10 point Mooring System** (*PH HYDRAULICS*)
  - ▶ 4x110t Single drum winches, hydraulic driven, with 1500m of Ø52mm Steel Wire Rope capacity
  - ▶ 4x150t Single drum winches, hydraulic driven with 2000m of Ø63mm Steel Wire Rope capacity
  - ▶ 2 single drum winches (Rolls Royce), hydraulic driven Type 100t, 64mm wire, 1800m in 14 layers
  - ▶ **Capstan** (Mentrade) 4x10t

### Additional Data

- **Sewage Treatment Units** (*Hamworthy*) 1 unit, with nil overboard discharge
- **Incinerator** (*TeamTec*) 1x800,000kcal/h
- **Yokohama Fenders** 2 X 6.50 x 3.30m
- **Fuel Monitoring System** (*Royston Engine*)





# LOCATIONS - OPERATIONS



**We serve all operators, from majors, internationals and NOCs to small independents and contractors — so let's keep in touch.**

## Latin America

Mexico  
Calle 35 D, Suite 10  
Col Malibran, 241 97  
Cuidad del Carmen,  
Campeche, Mexico  
Tel: +52 (1) 5564 151 719  
(Mexico)  
+54 (9) 11 2790 2463  
(Argentina)

## Europe

The Netherlands  
Maxwellstraat 2  
3316 GP Dordrecht  
The Netherlands  
Tel: +31 78 6526 930

## Ghana

F181/5 Josiah Tongorara Street  
PMB CT 68 Cantonments  
Accra, Ghana  
Tel: +233 203 654 079  
+233 544 312 460

## Middle East

UAE, Dubai – Headquarters  
Telford Offshore Ltd  
Mazaya Business Avenue,  
Building AA1  
Unit 1004  
P.O. Box 337673  
Jumeirah Lakes Towers  
Dubai, United Arab Emirates  
Tel: +971 4 575 5061

[contact@telfordoffshore.com](mailto:contact@telfordoffshore.com)

All information, data and other technical description in this document are for guidance purposes only and subject to change. © April 2018 – TELFORD OFFSHORE® is a registered UK trade mark – All rights reserved.