

# TELFORD 28

**DP3 Accommodation  
& Hook Up**



**TELFORD28  
GIBRALTAR**

# 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.

## SPECIFICATIONS

### General

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

### Principal Dimensions

- **Length Overall** 111.00m
- **Breadth** 30.48m
- **Extreme Breadth** 37.78m
- **Depth Main Deck** 6.71m
- **Operational Draft** 4.778m
- **Maximum Draft** 7.778m (Retractable thrusters deployed)
- **Gross Tonnage** 13 062t
- **Net Tonnage** 3 918t

### Cranage

- **Mast Crane** (*Seatrax*)
  - **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** (man-riding) 5mt @ 31m

### Clear Deck Area

- **Approx. 1 350m<sup>2</sup>**

### Deck Load

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

### Capacities

- **Fuel Oil** (storage) 2005m<sup>3</sup>
- **Fuel Oil** (day tanks) 61.5m<sup>3</sup>
- **Fuel Oil Purification** 64m<sup>3</sup>
- **Lube Oil** (Storage) 55.1m<sup>3</sup>
- **Fresh Water** 2526.2m<sup>3</sup>

- **Ballast Water** 6367m<sup>3</sup>
- **Sludge Oil** 40.3m<sup>3</sup>
- **Dirty Oil** 45.8m<sup>3</sup>
- **Black/Grey Water** 1053.4m<sup>3</sup>
- **Bilge Water** 161.2m<sup>3</sup>

### Service Air

- **Service Air Compressor** (*Quincy*) 1x28 m<sup>3</sup>/min FAD@8 bar
- **Service Air Compressor** (*Stromme*) 1x6.30 m<sup>3</sup>/min FAD@7 bar

### DP System

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

### DP Reference System

- **1x Radius 1000** (independent operated)
- **2xDGPS Receivers**
- **3x Gyro Compass**
- **3x Motion Reference Units**
- **1x Lightweight Tautwire**
- **1x HIPAP 500**

- **1x Gangway** (if connected)
- **1x Cyscan**
- **3x Wind Sensors**

### Power Plant

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

### Propulsion

- **Bow Thruster** (*Wartsila*) 1x electrically 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*) 1x electrically driven retractable fixed pitch thruster (1000kW)







## Endurance

- Fresh Water 3x50t/24hrs
- Fuel Consumption (typical)
  - Harbor 5m<sup>3</sup>/24hrs
  - Transit 20m<sup>3</sup>/24hrs (2 x aft thrusters only)
  - DP 13m<sup>3</sup>/24hrs

## Helideck

- ABS, CAP437 7 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)
- *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
  - 4x2 person suits
  - 6x2 persons cabins
  - 106x4 persons cabins
  - 1x6 persons cabin

## Radio/Communication

- V-Sat Antenna (*Intellian V150NX*)
- GMDSS Areas 1, 2 & 3
- EPIRB

- SART
- Integrated Telephone System
- Sound Powered Telephone
- Public Address System

## Lifesaving Appliances

- Liferafts 56x25 persons
- Fast Rescue Boat 1x6 persons

## Gangway

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

## Mooring System

- Anchor Windlass (*DMT*)
  - 2x Electrical Anchor Windlasses with wrapping heads
- Capstan (*DMT*)
  - 4x10t

## Additional Data

- Sewage Treatment Unit (*Hamworthy*)
  - 1x with nil overboard discharge
- Incinerator (*TeamTec*)
  - 800,000 kcal/h
- Yokohama Fenders
  - 2x 6.50x3.30m



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