

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.



Accommodation & Hook Up



Offshore Construction



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

Kongsberg K-POS 21	Aft Working Bridge
Kongsberg K-POS 11	Fore Navigation Bridge

Power Plant

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

Deck Area	Approx. 1350 m ²
Deck Load	10t/m ²

Cranage

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

Propulsion

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

Cargo Capacities

Dead weight	6791t
Fuel Oil	2196.00 m ³
Lube Oil	97.30 m ³
Fresh Water	2429.8 m ³
Ballast Water	6300.20 m ³

Radio/Communication

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

DP Reference System

- 1 x Radius 2000 *(Dual Interrogator)*
- 1 x Radius 1000 *(independently operated)*
- 2 x DGPS Receivers
- 3 x Gyro Compass
- 3 x Motion Reference Units
- 1 x Lightweight Tautwire
- 1 x HIPAP 500
- 1 x Gangway *(if connected)*
- 1 x Cyscan + Prisms Clusters
- 3 x Wind Sensors

Helideck

- ABS, CAP437 9th 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)*

Gangway

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

Endurance

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

Lifesaving Appliances

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

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