

TELFORD 30



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



Accommodation & Hook Up



Offshore Construction



DP3 Pipelay



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SPECIFICATIONS

General

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

Principal Dimensions

| | |
|--|----------|
| Length Overall | 111.00 m |
| Breadth | 30.48 m |
| Extreme Breadth | 38.00 m |
| Depth Main Deck | 6.71 m |
| Operating Draft | 4.719 m |
| Maximum Draft <i>(Retractable thruster deployed)</i> | 7.719 m |
| Gross Tonnage | 13340 t |
| Net Tonnage | 4002 t |

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 a hospital.

480 berths in 128 cabins

- 2 x 1 person cabins
- 13 x 2 persons cabins
- 113 x 4 persons cabins

DP System

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

Power Plant

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

Main Deck

| | |
|---|---------------------|
| Deck Area | |
| Approx. | 700 m |
| Main Deck | 283 m ² |
| Top of Firing line | 268 m ² |
| Total | 551 m ² |
| Sheltered area inside Conveyor house | 289 m ² |
| Deck Strength | 10t/ m ² |

Gangway

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

Cranage

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|---|----------------------------|
| Mast Crane <i>(Seatrax)</i> | |
| Main Hoist | STX 270mt@12m |
| Aux. Hoist | STX-man-riding |
| Capacity | 25mt@57.3 m |
| Pedestal Crane <i>(TTS Marine)</i> | |
| Main Hoist | 34 mt @20 m 22 mt @30 m |
| Aux. Hoist (not man-riding) | 5mt@31 m |

Propulsion

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|--|--|
| 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) |
| Center Aft Thruster <i>(Wartsila)</i> | 1 x electrically driven retractable fixed pitch thruster (1000kW) |

Cargo Capacities

| | |
|----------------------|------------------------|
| Dead Weight | 7396.08 t |
| Fuel Oil | 2169.60 m ³ |
| Lube Oil | 97.30 m ³ |
| Fresh Water | 2429.80 m ³ |
| Ballast Water | 4950.2 m ³ |

Radio/Communication

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

Helideck

- ABS, CAP437 7th 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)*

Endurance

| | |
|--|---|
| Fresh Water | 2 x45m ³ /24hrs 1x65m ³ /24hrs |
| Fuel Oil <i>(typical)</i> | |
| Harbor | 5m ³ /24hrs |
| Transit <i>(24m³/24hrs (80% load) 5x Thrusters in use 15m³/24hrs (50% load) 4x Side thrusters in use</i> | 20m ³ /24hrs |
| DP | 15m ³ /24hrs |

Lifesaving Appliances

| | |
|-------------------------|-----------------|
| Liferafts | 58 x 25 persons |
| Fast Rescue Boat | 1 x 6 persons |

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