

TELFORD 25



Built according to a distinctive hybrid design philosophy, the multipurpose Telford 25 DP3 vessel includes a large unobstructed deck, an 800mt capacity crane with active heave compensated (AHC) features, a heave compensated gangway and the option of installing a modular rigid/flexible pipelay system.



Accommodation & Hook Up



Offshore Construction



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SPECIFICATIONS

GENERAL

Classification	ABS, A1, Barge, PAS, DPS-3, CRC
Flag	Gibraltar
Call Sign	ZDIS3
IMO Number	8770106
Delivery	February 2009

PRINCIPAL DIMENSIONS

Length Overall	118.80m
Breadth	30.40m
Extreme Breadth	36.40m
Depth Main Deck	8.40m
Operating Draft	5.00m
Maximum Draft <i>(Retractable thruster deployed)</i>	8.94m
Gross Tonnage	14829t
Net Tonnage	4743t

ACCOMMODATION

Fully air-conditioned permanent accommodation for up to 379 persons in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation rooms, laundry, internet café as well as a hospital.

379 berths in 105 cabins

- 5 x 1 person cabins
- 13 x 2 persons cabins
- 87 x 4 persons cabins

DP SYSTEM

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

POWER PLANT

Main Generators <i>(Caterpillar)</i>	4 x Diesel Engines type CAT 3516 B (1825 kW)
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MAIN DECK

Deck Area	Approx. 1 500m ²
Deck Strength	10t/m ²

GANGWAY

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

CRANAGE

Mast Crane <i>(Huisman-Itrec)</i>	
Main Hoist <i>(AHC)</i>	800mt @30m over the stern 800mt @26m revolving
Whip Hoist <i>(man-riding)</i>	120mt @33.50m 3 falls 50mt @72.00 1 fall
Pedestal Crane <i>(TTS Marine)</i>	
Main Hoist	34mt @20m 22mt @30m
Aux. Hoist <i>(man-riding)</i>	5mt @31m

PROPULSION

Bow Thruster <i>(Rolls Royce)</i>	1 x electrically driven 1355kW
Stern Thruster <i>(Rolls Royce)</i>	2 x FPP azimuth, 1920kW each direct driven diesel
Fore/Aft Thruster <i>(Rolls Royce)</i>	4 x FPP retractable azimuth, 1920kW each direct driven diesel

CARGO CAPACITIES

Dead weight	7936t
Fuel Oil	2296.30m ³
Lube Oil	168.20m ³
Fresh Water	2596.90m ³
Ballast Water	7115.60m 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

2 x Radius 1000 <i>(independent operated)</i>
3 x DGPS Receivers
3 x Gyro Compass
3 x Motion Reference Units
1 x Lightweight Tautwire
1 x HIPAP 500
1 x Gangway <i>(if connected)</i>
1 x Spot Track
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	<i>(3 monitors)</i>
Heli-Refueling System	<i>(SyPack)</i>

ENDURANCE

Fresh Water	2 x 50t/24hrs 1 x 200t/24hrs
Fuel Oil <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	32 x 25 persons
Lifeboats	4 x 106 persons 2 x 102 persons
Fast Rescue Boat	1 x 6 persons

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