

TELFORD 33

TELFORD
OFFSHORE



Built according to a distinctive hybrid design philosophy, the Telford 33 is a multipurpose DP3 vessel suitable for offshore accommodation, hook up and construction activities. The Telford 33 has accommodation for 684 persons, a large 2000m² deck, and a 300mt crane. The vessel is also equipped with a Kongsberg DP3 K-POS 22/12 system including follow target mode and an active heave-compensated hydraulic telescopic gangway.



Accommodation & Hook Up



Offshore Construction



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SPECIFICATIONS

GENERAL

Classification	ABS, A1, Barge, AMS-NP, AMCCU, PAS, DPS-3, SPS, HAB+(WB), MLC-ACCOM, UWILD, HELIDK, CRC, ENVIRO-OS, GP, SKP (99,98,93)
Flag	Panama
IMO Number	9786255
Delivery	August 2021

PRINCIPAL DIMENSION

Length Overall	115.50m
Breadth	34.0m
Depth Main Deck	9.10m
Design Draft	6.10m
Gross Tonnage	20047t
Net Tonnage	6014t
Light ship weight	12274t

MAIN DECK

Total Deck Area	Approx 2000m ²
Wooden Deck Area	1610m ²
Under Deck Area	450m ² (Storage compartment below main deck)
Deck Load	15t/m ²

ACCOMMODATION

Fully air-conditioned permanent accommodation for up to 684 person in cabins all with bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation rooms, laundry, internet café as well as a hospital.

684 berths in 346 cabins

- 32 x 1 person cabins
- 300 x 2 person cabins
- 4 x 3 person cabins
- 10 x 4 person cabins

CARGO CAPACITIES

Dead Weight	8018t
Fuel Oil	3200.0m ³
Lube Oil	26.10m ³
Fresh Water	2500.0m ³
Ballast Water	6000.0m ³

FRESH WATER MAKER

Number	3 set
Maker/Type	SIce/Sle12-16
Capacity each	52t/24hrs

CRANAGE

Mast Crane (MEP/GN 3000/T/11 Eh)

Main Hoist	300mt @8.4m @3m/s 32mt @48m @6m/s
Auxiliary Hoist*	30mt (Auxiliary Hoist has AHC and is man riding certified)
Tuggers	10mt @all @30m/s

Auxiliary Crane (Macgregor)

Rated capacity	3t
Max. outreach	20m
Min. outreach	3.8m
Hook travel	30m

PROPULSION

Azimuth thruster (ABB)

6 x azimuth thrusters, electrically driven (1900kW)

POWER PLANT

Main Generators (MAN) 6 x Diesel engines type MAN/8127/38 (2640 kW)

ANCHORING SYSTEM

Anchor Windlass (MEP)

1 x Electric/hydraulic
Normal Working pull 233kN

MOORING SYSTEM

Mooring Winch (MEP)

8 x Electric/hydraulic
Low speed normal pull @first layer 833kN
High speed normal pull @first layer 415.5kN

LIFESAVING APPLIANCES

Liferafts	42 x 25 persons
Lifeboats	6 x 100 persons
Fast Rescue Boat	1 x 6 persons
High Speed Rescue Boat	1 x 6 persons

SURFER LANDING

2 x Port & Stbd in the midship

DP REFERENCE SYSTEM

- 1 x Radius 1000
- 3 x DGPS Receivers
- 4 x Gyro Compass
- 4 x Motion Reference Units
- 1 x REL. GPS
- 1 x HIPAP 501
- 1 x Gangway (if connected)
- 1 x Spot Track
- 4 x Wind Sensors

DP SYSTEM

Kongsberg K-POS 22	Main control room
Kongsberg K-POS 12	Emergency control room

GANGWAY

Electric-Hydraulic Telescopic Personnel Transfer Gangway (Uptime/Marine Aluminum)

Operational length 36.50m

HELIDECK

ABS, CAP437 7th Edition compliant suitable for Sikorsky S-92A Helibus

Max. "D" 22.20m

Max. T.O.W. 12.8t

Helideck Monitoring System 200

Fixed Foam System (3 monitors)

RADIO/COMMUNICATION

- MF/HF
- VHF
- GMDSS Areas 1, 2 & 3
- EPIRB
- SART
- Integrated Telephone System
- Sound Powered Telephone
- Public Address System

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