

TELFORD 33



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 <i>(Storage compartment below main deck)</i> |
| 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 <i>(Auxiliary Hoist has AHC and is man riding certified)</i> |
| 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 <i>(Uptime/Marine Aluminum)</i> | |
| Operational length | 36.50m |

HELIDECK

| | |
|--|---------------------|
| ABS, CAP437 7 th 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 | <i>(3 monitors)</i> |

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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