

AHT - SUPPLY - DP2 - FIFI1

VORTEX VANGUARD

10,336 BHP | 128.8 TBP



SPECIFICATIONS:

ANCHOR HANDLING & SUPPLY TUG, FIFI 1, DP-2

GENERAL:

Vessel Type: Anchor Handling Tug Supply Vessel DP2
 Built: Remontowa, Poland
 IMO no: 9477024
 Official no: 1943
 Call Sign: YJQG8
 Flag: Republic of Vanuatu
 Classification: LLOYD'S REGISTER
 Class Notation: ✱A1, ✱AMS, ✱DP (AA), (E),
 AH/Offshore Support & Towing Vessel,
 Fire Fighting Class 1

DIMENSIONS:

Length Overall: 70.00 m
 Beam (Moulded): 15.50 m
 Depth (Mould to sh.dk): 6.60 m
 Draft (Operational): 4.5 m
 Max Draft (Fully Loaded): 5.1 m
 GRT: 2301 T
 NRT: 690 T
 Deadweight @5.1 m: 2058 T

CAPACITIES:

Clear Deck Space: 440 m²
 Deck Load: 1000 T
 Fuel Oil: 828 m³ @100%
 Potable Water: 608 m³ @100%
 Drill Water: 656 m³ @100%
 Mud: 480 m³ @100%
 Liquid Mud: 480 m³ @ 100%
 Drilling Fluid: 990 m³ @100%
 Dry Bulk: 190 m³ @100%

MACHINERY:

Main Engines: 2 x 5,168 Total 10,336 BHP
 Shaft Alternators: 2 x 1,724 kW
 Generators: 2 x 250 kW
 Emergency Gen: 1 x 105 kW
 Bow Thrusters: 2 x 800 BHP (Tunnel)
 Stern Thrusters: 1 x 800 BHP (Tunnel)
 Rudders: 2 x Fish tail high lift
 Propellers: 4 bladed prop in Nozzles

DISCHARGE RATES:

Fuel: 650 GPM @ 86PSI TDH (60 Mts)
 Pot Water: 1 x 150 m³/hr @ 90 mhd
 Drill Water: 1 x 150 m³/hr @ 90 mhd
 Mud: 1 x 150 m³/hr @ 67 mhd
 Brine: 1 x 75 m³/hr @ 90 mhd
 Base Oil: 1 x 150 m³/hr @ 90 mhd
 Slop Disc.: 1 x 5 m³/hr @ 45 mhd
 Dry Bulk: 1 x 110 m³/hr @ 5.5 Ba

PERFORMANCE:

Bollard Pull: 128.8 T
 Speed: 13 Kts @ 5.0 M draft

The Vessel specifications are reviewed and new brochures printed at regular intervals. Every endeavour has been made to provide accurate information on this brochure; however, the vessel owners do not accept any liability for errors, omissions or misprints published.



Commercial and Operational Office

Office 1503, Fortune Executive Tower
Jumeirah Lake Towers (JLT), Cluster T
Dubai, United Arab Emirates
Tel: + 971 48 920 940
info@vortexoffshore.com
www.VortexOffshore.com

AHT - SUPPLY - DP2 - FIFI1

VORTEX VANGUARD

10,336 BHP | 128.8 TBP

ANCHOR HANDLING & TOWING:

Double Drum A/H Towing Winch,
Fukushima DDWG-300H-4M
Brake Holding 450 Tonnes
Winch Pull:

350T @ 6m/min
197 T @ 10.m/min
129 T @ 16.3m/min

Towing drum Capacity: 1500 m X 76 mm
Anchoring Handling Capacity: 1,500 m of 76 mm
Gypsies: 2 x 3.25 inch (76mm Chain)
Karm Forks: 2 x SWL 300 T
Towing pins: 4 x SWL 160 T
Stern Roller: 2.5 m Ø x 4 m
SWL: 500 T
Chain Lockers: 2 x 80 m³
Tugger Winches: 2 x 10 T

NAVIGATION/ COMMUNICATION:

SSB Radio 400 w duplex Radiotelephone MF/HF radio telephone
Inmarsat C
VHF radio tel C/W DSC watch-receiver
AIS
Navtex
Radar Transponder - SART
EPIRB
Magnetic Compass
Ship Security System
2 x Radar X Band ARPA
Doppler Speed Log
GPS Navigator
Echo Sounder

ACCOMODATION:

Total:
28 Berths, Fully Air-Conditioned

2 x 1 berth cabins = 2
9 x 2 berth cabins = 18
2 x 4 berth cabins = 8
1 X 1 hospital = 1

FIREFIGHTING - FIFI CLASS 1:

2 x 1,500 m³ / hr @ 14 Bar
2 x 1,200 m³ / hr remote controlled Fire Monitors Throw 120 m x Height 50 m

DECK CRANE:

1 x Hydraulic Knuckle Boom Marine Crane
Model: AKB40/10/2
Capacity: SWL 3.0 T @ 8m radius
SWL 2.0 T @ 10m radius

STORAGE DRUM:

Capacity: 1,000 m of 64 mm

VESSEL MANAGEMENT DP AND JOYSTICK:

(CLASS NOTATION DP (AA), FMEA)

L3 DP system
2 x DP Controller
2 x Wind Sensor
2 x Master Gyro
2 X DGPS
1 X Cyscan
1 x mini Rada Scan
Joystick for control of all the thrusters and propellers
Powers management System
VRS

EXTRA EQUIPMENT:

Rescue Zone: Port & Stbd side
Oily Water Separator: 1 m³/hr MARPOL standard
Sewerage Treatment Plant: 1 x 29 men per day