

TORTUGA TIDE



TITUS TIDE as shown, TORTUGA TIDE similar

STX 05-L CD PSV

Vessel Characteristics

| | | |
|--------------------|---|---------------------|
| Length, Overall: | 269.7 ft | 82.2 m |
| Beam: | 55.8 ft | 17 m |
| Depth: | 24.9 ft | 7.6 m |
| Maximum Draft: | 20.7 ft | 6.3 m |
| Light Draft: | 9.5 ft | 2.9 m |
| Minimum Height: | 95.8 ft | 29.2 m |
| Freeboard: | 4.3 ft | 1.3 m |
| Displacement: | 6,390 lt | 6,500 mt |
| Deadweight: | 3,950 lt | 4,010 mt |
| Clear Deck Space: | 197 x 44 ft | 60 x 14 m |
| Clear Deck Area: | 8,720 ft ² | 810 m ² |
| Deck Strength FWD: | 1,020 lb/ft ² | 5 t/m ² |
| Deck Strength AFT: | 2,050 lb/ft ² | 10 t/m ² |
| Class Notations: | DNV: +1A1, Fire fighter(I), Clean(Design), COM-F(V-3), DK(+), DYNPOS(AUTR), EO, HL(2.8), LFL(*), NAUT(OSV(A)), OILREC, SF | |

Capacities

| | | |
|----------------------------------|------------------------|----------------------|
| Deck Cargo: | 1,890 lt | 1,920 t |
| Fuel Oil: | 243,000 gal | 920 m ³ |
| Potable Water: | 72,200 gal | 270 m ³ |
| Fresh Water: | 211,000 gal | 800 m ³ |
| Drill/Ballast Water: | 478,000 gal | 1,810 m ³ |
| Bulk Tanks (6 tanks): | 12,100 ft ³ | 340 m ³ |
| Liquid Mud (2.5 SG*): | 6,150 bbl | 980 m ³ |
| *Max Structural Specific Gravity | | |
| Base Oil: | 1,600 bbl | 250 m ³ |
| Fire Fighting Foam: | 450 gal | 1.7 m ³ |

TIDEWATER

Find out more

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Pg.2 Further Specifications
Pg.3 General Arrangement

Pg.4 Capacity Table
Pg.5 DP Capability Plot

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

LAST UPDATE: 11/17/2023

Machinery

| Diesel Electric Vessel | | | |
|---------------------------|-----------------------|---------|-------|
| Propulsive/Total HP: | 4,290 / 6,920 | | |
| Z-Drives: | Yes | | |
| Propellers (2): | STP 1212 FPP, 1600KW | | |
| Primary Generators (4): | 1,200 kw | 690 v | 60 hz |
| Driven by: | CUMMINS KTA50-D(M1) | | |
| Emergency Generators (1): | 100 kw | 690 v | 60 hz |
| Driven by: | CUMMINS 6CT-8.3-D(M) | | |
| Bow Thruster (2): | FU-74-LTC-2000 TUNNEL | | |
| Driven by: | 880KW ELECTRIC MOTORS | | |
| Total Thrust: | 29.5 st | 26.8 mt | |

Deck Equipment

| | |
|-----------------|-------------------------------|
| Anchors (2): | 3300 KG M-SPEK |
| Anchor Chain: | 250 m of 46 mm chain per side |
| Windlass: | 2x NMD 46 MMK3 |
| Crane (1): | 5 t @ 10 m |
| Aux. Crane (1): | 2 t @ 10 m |
| Capstans (2): | 8 t NMD CAPSTANS |
| Tugger (2): | 10 t NMD TUGGERS |

Accommodations

| | |
|---------------------|--------------------|
| No. of Berths: | 28 |
| Cabins: | 6x1-man & 11x2-man |
| Certified to Carry: | 28 |
| Galley seating: | 20 |
| Hospital: | Yes |

Registration

| | |
|------------------|------------------------------|
| Flag: NORWAY | Home Port: SKUDENESHAVN |
| Hull Number: 91 | IMO N ^o : 9624744 |
| Year Built: 2014 | Call Sign: LAFH8 |
| Builder: | Cochin Shipyard Limited |
| Tonnage (ITC): | 3455 GT1406 NT |

Performance*

| Fuel Consumption Vs Speed | | |
|---------------------------|----------------------------------|-----------------|
| Maximum: | 28.2 m³/day (310 gph) @ 15 knots | |
| Cruising: | 13.2 m³/day (150 gph) @ 12 knots | |
| Economical: | 8.3 m³/day (91.4 gph) @ 10 knots | |
| Standby: | 2 m³/day (22 gph) @ 0 knots | |
| Range @ 12 Knots: | 20,000 nm | |
| Transfer Rates | | |
| Fuel Oil: | 660 gpm @ 300 ft | 150 m³/h @ 92 m |
| Fresh Water: | 660 gpm @ 300 ft | 150 m³/h @ 92 m |
| Drill/Ballast Water: | 660 gpm @ 300 ft | 150 m³/h @ 92 m |
| Bulk: | 33.6 cfm @ 190 ft | 57 m³/h @ 57 m |
| Liquid Mud: | 330 gpm @ 800 ft | 75 m³/h @ 240 m |
| Base Oil: | 220 gpm @ 300 ft | 50 m³/h @ 92 m |
| Brine: | 330 gpm @ 700 ft | 75 m³/h @ 210 m |
| Methanol: | 220 gpm @ 300 ft | 50 m³/h @ 92 m |

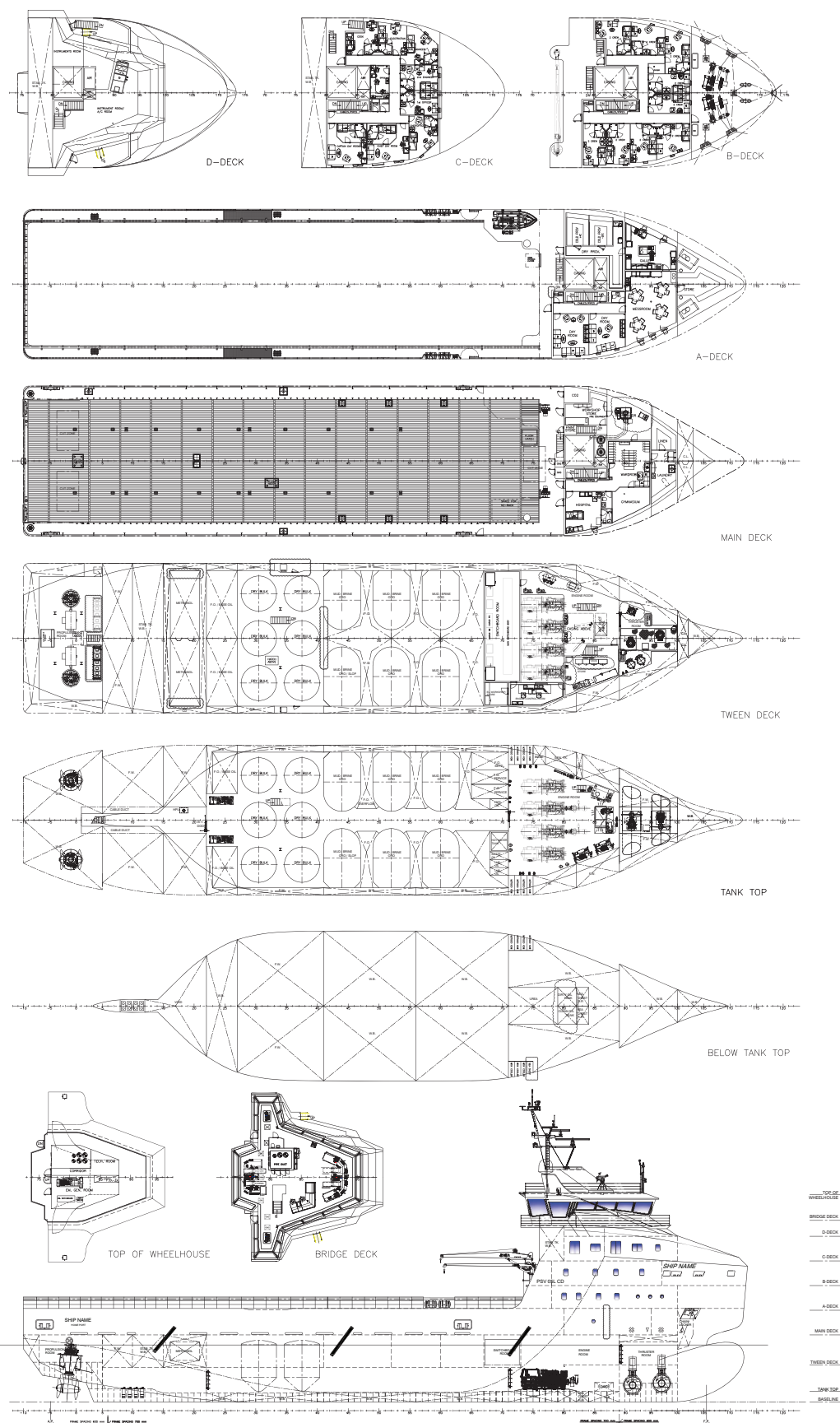
Nav/Comms Equipment

| | |
|------------------------|------------------|
| Radar(s): | 2 |
| Depth Sounder: | 1 |
| Gyro Compass: | 3 |
| Wind Speed Indicators: | 3 |
| Doppler Log: | 1 |
| Radio: | 3 x VHF; 1 x SSB |
| Sat Com: | 2X INMARSAT-C |

Special Equipment

| | |
|--|---|
| Firefighting: | FiFi-1 |
| Dynamic Positioning: | DP-2 |
| Ref. Systems: | 3 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based |
| Mud Circulation System/ Mud Mixers: | Yes/Yes |
| Tank Cleaning: | Yes |
| Rescue Boat: | 15-Man 6.5M JY 65 KR FRC |
| Reefer Sockets: | 4x 440V 16A, 4x 230V 16A |
| Misc: | ORO Capacity - 977.5 m³; MSD - 30 Persons; Eye Wash Station |

*Approximate values assuming Ideal Conditions



Capacity Table



* Capacities shown in **GREEN** are counted for multiple Tank Capacities.

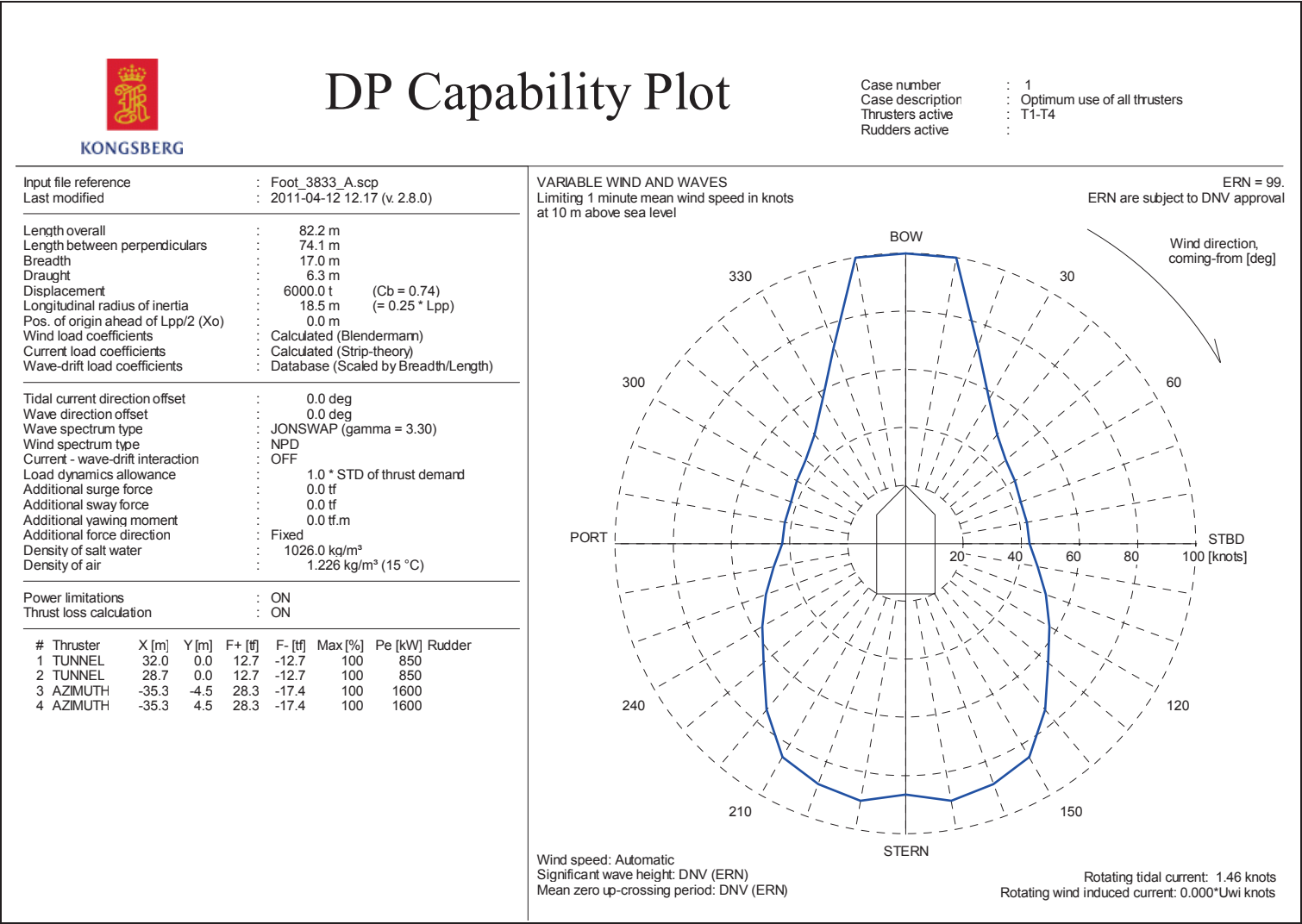


Figure 10: DP capability envelope for case 1.