

PACIFIC DISPATCH



PACIFIC DEFIANCE as shown, PACIFIC DISPATCH similar

HAVYARD 844-XL AHTS

Vessel Characteristics

| | | |
|--------------------|---|---------------------|
| Length, Overall: | 301.8 ft | 92 m |
| Beam: | 72.2 ft | 22 m |
| Depth: | 29.5 ft | 9 m |
| Maximum Draft: | 24.6 ft | 7.5 m |
| Freeboard: | 4.9 ft | 1.5 m |
| Displacement: | 9,950 lt | 10,110 mt |
| Deadweight: | 4,450 lt | 4,520 mt |
| Clear Deck Space: | 118 x 59 ft | 36 x 18 m |
| Clear Deck Area: | 6,980 ft ² | 650 m ² |
| Deck Strength AFT: | 2,050 lb/ft ² | 10 t/m ² |
| Class Notations: | DNV: +1A, Fire fighter(I), Offshore service vessel(Anchor handling, Towing), Clean, DYNPOS(AUTR), EO, Ice(C), SPS | |

Capacities

| | | |
|----------------------------------|-----------------------|----------------------|
| Deck Cargo: | 1,480 lt | 1,500 t |
| Fuel Oil: | 482,000 gal | 1,820 m ³ |
| Potable Water: | 51,800 gal | 200 m ³ |
| Fresh Water: | 306,000 gal | 1,160 m ³ |
| Drill/Ballast Water: | 783,000 gal | 2,970 m ³ |
| Bulk Tanks (4 tanks): | 8,340 ft ³ | 240 m ³ |
| Liquid Mud (2.5 SG*): | 5,410 bbl | 860 m ³ |
| *Max Structural Specific Gravity | | |
| Base Oil: | 2,860 bbl | 450 m ³ |
| Oil Dispersant: | 4,580 gal | 17.3 m ³ |

TIDEWATER

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Pg.2 Further Specifications

Pg.5 Capacity Table

Pg.4 General Arrangement

Pg.6 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: 11/18/2023



Machinery

| | | | |
|---------------------------|--|---------|-------|
| Main Engines (4): | MAN 9L27/38 | | |
| Total HP: | 17,600 | | |
| Propellers (2): | MAN CPP | | |
| Gears (2): | RRM SV650-FCP | | |
| Kort Nozzles: | 2 | | |
| Rudders (2): | RRM HIGH LIFT | | |
| Primary Generators (1): | 1,360 kw | 440 v | 60 hz |
| Driven by: | CAT 3512B | | |
| Secondary Generators (2): | 2,800 kw | 440 v | 60 hz |
| Driven by: | MAIN ENGINES | | |
| Emergency Generators (1): | 350 kw | 440 v | 60 hz |
| Driven by: | CAT C18 | | |
| Bow Thruster (3): | 2XBRUNVOLL FU-80-LTC-2000 CP TT, 1XBRUNVOLL AR-63-LNC-1650 DD | | |
| Driven by: | 880KW ELECTRIC MOTORS | | |
| Total Thrust: | 44.2 st | 40.1 mt | |
| Stern Thruster (2): | BRUNVOLL FU-80-LTC-2000 CP TT | | |
| Driven by: | 880KW ELECTRIC MOTORS | | |
| Total Thrust: | 29.5 st | 26.8 mt | |

Performance*

| | | |
|----------------------------------|---------------------------------|-----------------|
| Fuel Consumption Vs Speed | | |
| <i>Maximum:</i> | 45 m³/day (500 gph) @ 14 knots | |
| <i>Cruising:</i> | 32 m³/day (350 gph) @ 13 knots | |
| <i>Economical:</i> | 24 m³/day (260 gph) @ 10 knots | |
| <i>Standby:</i> | 1.8 m³/day (19.8 gph) @ 0 knots | |
| Bollard Pull | 240 st | 220 mt |
| Transfer Rates | | |
| <i>Fuel Oil:</i> | 660 gpm @ 300 ft | 150 m³/h @ 92 m |
| <i>Fresh Water:</i> | 660 gpm @ 300 ft | 150 m³/h @ 92 m |
| <i>Drill/Ballast Water:</i> | 660 gpm @ 300 ft | 150 m³/h @ 92 m |
| <i>Bulk:</i> | 34.7 cfm @ 190 ft | 59 m³/h @ 57 m |
| <i>Liquid Mud:</i> | 330 gpm @ 660 ft | 75 m³/h @ 180 m |
| <i>Base Oil:</i> | 660 gpm @ 300 ft | 150 m³/h @ 92 m |

*Approximate values assuming Ideal Conditions

Tow/Anchor Handling

| | | | |
|-----------------------------|---|--|--|
| Winch: | Double Drum Winch with Special Handling Drum (500T) (600T Brake) | | |
| <i>Model:</i> | RRM Brattvagg | | |
| <i>Line Pull:</i> | 400 mt | | |
| <i>Tow/AH Wire:</i> | 3,200 m / 4,100 m of 76 mm | | |
| <i>Work Wire:</i> | 13,600 m of 76 mm | | |
| Secondary Winch (2): | RRM Brattvagg (210T Brake) | | |
| <i>Line Pull:</i> | 170 mt | | |
| <i>Tow Wire:</i> | 2,500 m of 160 mm | | |
| Pennant Reels (1): | 1,500 m of 76 mm | | |
| Shark Jaw: | 2 X RRM 600 T SWL | | |
| Tow Pins: | 4 X RRM 400 T MWL | | |
| Chain Lockers (4): | 8,000 m of 76mm chain | | |
| Chain Handler: | 2X76 MM + 2X84 MM | | |
| Stern Roller: | 2 X RRM (3 X 4.5 M); 750 mt SWL | | |
| Misc. Tow Equipment: | Stop Pins: 2xRRM 100 t SWL, 1x300 t Smit Towing Bracket; Centering Device: 2xRRM 45 t SWL | | |

Nav/Comms Equipment

| | |
|------------------------------|----------|
| Radar(s): | 2 |
| Depth Sounder: | 1 |
| Gyro Compass: | 3 |
| Wind Seed Indicators: | 3 |
| Doppler Log: | 1 |
| Radio: | 2 x VHF |
| Sat Com: | VSAT/FBB |

Accommodations

| | |
|----------------------------|--------------------|
| No. of Berths: | 37 |
| Cabins: | 29x1-man & 4x2-man |
| Certified to Carry: | 37 |
| Galley seating: | 24 |
| Hospital: | Yes |

Deck Equipment

| | |
|------------------------|---------------------------------------|
| Anchors (2): | 4320 KG SPEK TYPE |
| Anchor Chain: | 380 m of 50 mm chain per side |
| Windlass: | RRM Windlass/Mooring Winch LBFMX22050 |
| Crane (2): | 5 t @ 10 m |
| Aux Crane (1): | 5 t @ 15 m |
| Capstans (2): | 15 t RRM |
| Tugger (2): | 24 t RRM |
| Aux Tugger (1): | 17 t RRM (FWD) |



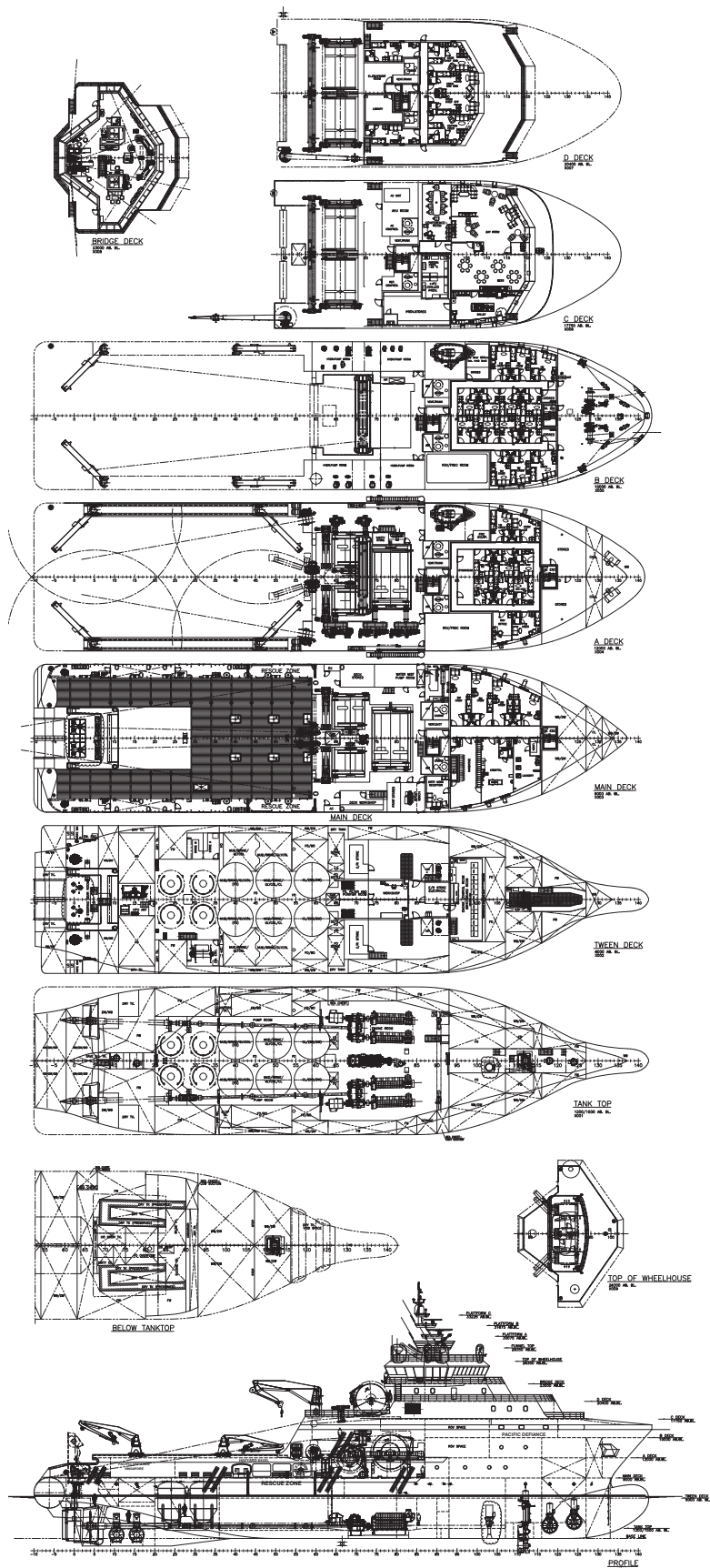
Registration

| | | |
|------------------|------------------------------------|---------|
| Flag: SINGAPORE | Home Port: SINGAPORE | |
| Hull Number: 633 | IMO N ^o : 9456214 | |
| Year Built: 2014 | Call Sign: 9VFW6 | |
| Builder: | Singapore Technologies Marine Ltd. | |
| Tonnage (ITC): | 6641 GT | 1992 NT |

Special Equipment

| | |
|-------------------------|---|
| Fire Fighting: | 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: | Yes |
| Rescue Zone: | Yes |
| Rescue Boat: | Maritime Partner MP660 Springer, 10-Man |
| SPS Compliant: | Yes |
| Misc: | ROV Garage (L x W x H: 9 x 5 x 5.5 m); 1x200 MT RRM Anchor Recovery Frame; MSD - 55 Persons;;HiPAP Ready |

*Approximate values assuming Ideal Conditions

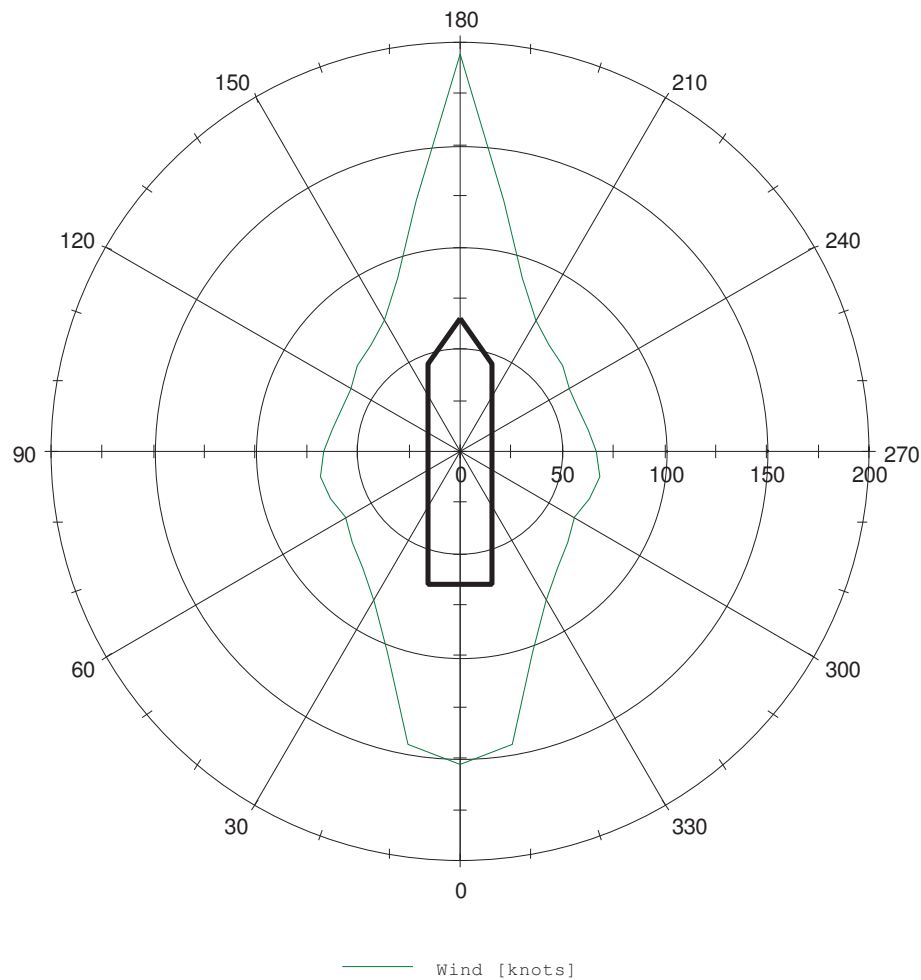




*Capacities shown in **GREEN** are counted for multiple Tank Capacities.



Run : 1 Knots



External:
Variable wind velocity rotating 360 deg
1.01 knots wind generated current rotating 360 deg
Variable wave height fixed at 0.0 deg