

PACIFIC VALOUR



PACIFIC VIXEN as shown, PACIFIC VALOUR similar

IMT 966 AHTS

Vessel Characteristics

| | | |
|--------------------|---|--------------------|
| Length, Overall: | 216.5 ft | 66 m |
| Beam: | 52.5 ft | 16 m |
| Depth: | 24 ft | 7.3 m |
| Maximum Draft: | 20.3 ft | 6.2 m |
| Freeboard: | 3.6 ft | 1.1 m |
| Displacement: | 4,530 lt | 4,600 mt |
| Deadweight: | 2,410 lt | 2,450 mt |
| Clear Deck Space: | 107 x 42 ft | 33 x 13 m |
| Clear Deck Area: | 4,480 ft ² | 420 m ² |
| Deck Strength AFT: | 1,020 lb/ft ² | 5 t/m ² |
| Class Notations: | DNV: +1A, Fire fighter(I), Offshore service vessel(Anchor handling, Towing), DYNPOS(AUTR), EO | |

Capacities

| | | |
|----------------------------------|-----------------------|----------------------|
| Deck Cargo: | 860 lt | 870 t |
| Fuel Oil: | 299,000 gal | 1,130 m ³ |
| Potable Water: | 120,000 gal | 460 m ³ |
| Drill/Ballast Water: | 246,000 gal | 930 m ³ |
| Bulk Tanks (4 tanks): | 6,530 ft ³ | 180 m ³ |
| Liquid Mud (2.5 SG*): | 2,920 bbl | 460 m ³ |
| *Max Structural Specific Gravity | | |
| Brine: | 780 bbl | 120 m ³ |
| Oil Dispersant: | 2,550 gal | 9.6 m ³ |

TIDEWATER

Find out more

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Pg.2 Further Specifications
Pg.4 General Arrangement

Pg.5 Capacity Table
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: 11/19/2023



Machinery

| | | | |
|---------------------------|-------------------------|---------|-------|
| Main Engines (2): | MAN 9L27/38 | | |
| Total HP: | 8,810 | | |
| Propellers (2): | MAN CPP | | |
| Gears (2): | MAN | | |
| Kort Nozzles: | 2 | | |
| Rudders (2): | HI-LIFT FLAP RUDDERS | | |
| Primary Generators (1): | 270 kw | 440 v | 60 hz |
| Driven by: | CAT 3406 | | |
| Secondary Generators (2): | 1,280 kw | 440 v | 60 hz |
| Driven by: | MAIN ENGINES | | |
| Emergency Generators (1): | 270 kw | 440 v | 60 hz |
| Driven by: | CAT 3406 | | |
| Bow Thruster (2): | BRUNVOLL FU-63-LTC-1550 | | |
| Driven by: | 600KW ELECTRIC MOTORS | | |
| Total Thrust: | 20.1 st | 18.2 mt | |
| Stern Thruster (2): | BRUNVOLL FU-63-LTC-1550 | | |
| Driven by: | 600KW ELECTRIC MOTORS | | |
| Total Thrust: | 20.1 st | 18.2 mt | |

Performance*

| | | |
|----------------------------------|----------------------------------|------------------|
| Fuel Consumption Vs Speed | | |
| <i>Maximum:</i> | 271 m³/day (300 gph) @ 13 knots | |
| <i>Cruising:</i> | 20.7 m³/day (230 gph) @ 11 knots | |
| <i>Economical:</i> | 15 m³/day (170 gph) @ 10 knots | |
| <i>Standby:</i> | 1.3 m³/day (14.3 gph) @ 0 knots | |
| Bollard Pull | 140 st | 120 mt |
| Transfer Rates | | |
| <i>Fuel Oil:</i> | 440 gpm @ 230 ft | 100 m³/h @ 71 m |
| <i>Potable Water:</i> | 660 gpm @ 230 ft | 150 m³/h @ 71 m |
| <i>Drill/Ballast Water:</i> | 660 gpm @ 230 ft | 150 m³/h @ 71 m |
| <i>Bulk:</i> | 27.3 cfm @ 190 ft | 46.3 m³/h @ 57 m |
| <i>Liquid Mud:</i> | 330 gpm @ 600 ft | 75 m³/h @ 180 m |
| <i>Brine:</i> | 330 gpm @ 600 ft | 75 m³/h @ 180 m |

Tow/Anchor Handling

| | |
|-----------------------------|--|
| Winch: | Double Drum Winch (320T Brake) |
| <i>Model:</i> | Hydrakraft/Odim 250T Waterfall |
| <i>Line Pull:</i> | 250 mt |
| <i>Tow/AH Wire:</i> | 1,500 m / 1,500 m of 71 mm |
| Pennant Reels (2): | 1,500 m of 71 mm |
| Shark Jaw: | 2 X 300 T SWL |
| Tow Pins: | 2 X 160 T SWL |
| Chain Lockers (1): | 2,400 m of 76mm chain |
| Chain Handler: | 1X76MM + 1X84MM |
| Stern Roller: | RRM SINGLE DRUM (2 X 5.5 M); 400 mt SWL |
| Misc. Tow Equipment: | 1xSpare Store Reel 1000m x 76mm; 1x200 t Smit Towing Bracket |

Nav/Comms Equipment

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

Accommodations

| | |
|----------------------------|----------------------------|
| No. of Berths: | 30 |
| Cabins: | 8x1-man, 3x2-man & 4x4-man |
| Certified to Carry: | 30 |
| Galley seating: | 14 |
| Hospital: | Yes |

Deck Equipment

| | |
|----------------------|-------------------------------|
| Anchors (2): | 2100 KG |
| Anchor Chain: | 440 m of 36 mm chain per side |
| Windlass: | 10T Hydrakraft |
| Crane (1): | 5 t @ 13 m |
| Capstans (2): | 10 t HYDRAKRAFT |
| Tugger (2): | 10 t HYDRAKRAFT |

*Approximate values assuming Ideal Conditions



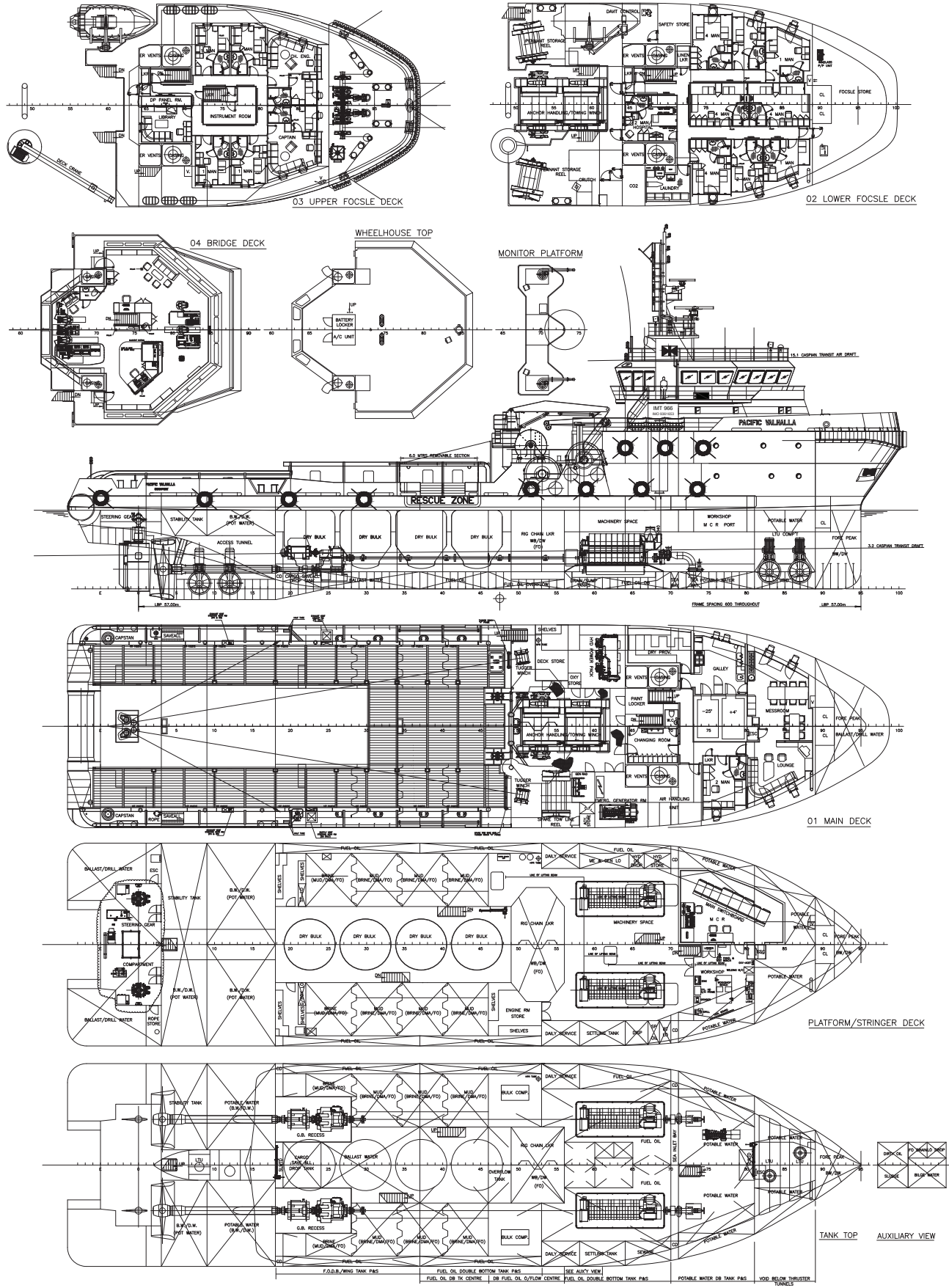
Registration

| | | |
|------------------|--------------------------------|--------|
| Flag: SINGAPORE | Home Port: SINGAPORE | |
| Hull Number: 196 | IMO N ^o : 9443516 | |
| Year Built: 2009 | Call Sign: 9V2178 | |
| Builder: | P.T. Nanindah Mutiara Shipyard | |
| Tonnage (ITC): | 2147 GT | 644 NT |

Special Equipment

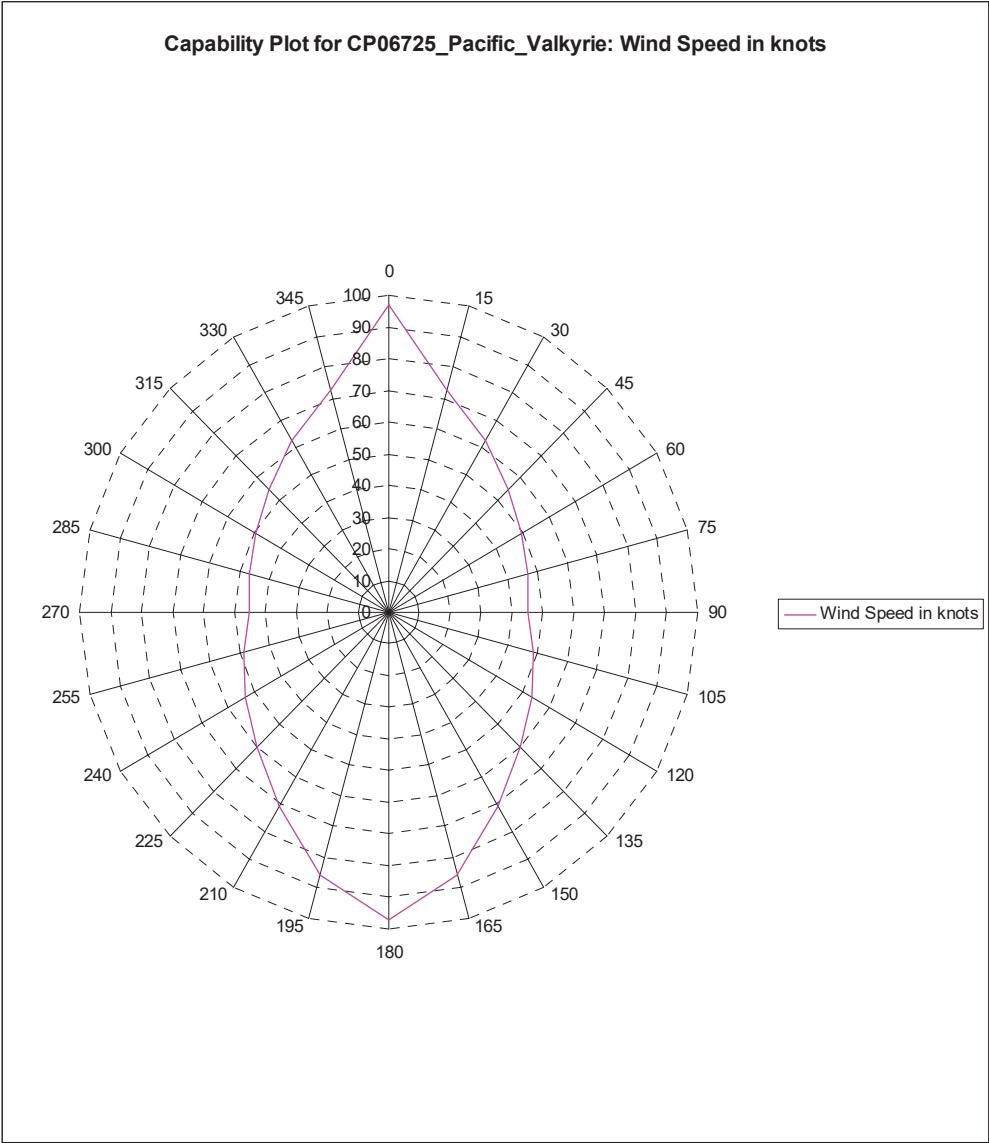
| | |
|-------------------------|--|
| Fire Fighting: | FIFI-1 |
| Dynamic Positioning: | DP-2 |
| Ref. Systems: | 3 x MRU; 2 x DGPS 1 x Laser-based |
| Water Maker: | 1 X 10T/DAY |
| Mud Circulation System: | Yes |
| Rescue Zone: | Yes |
| Rescue Boat: | Maritime Partner MP660 Springer, 10 Persons |
| Reefer Sockets: | 6x 440V 63A 3ph |
| Misc: | MSD; HiPAP Ready; ROV Sockets: 2x500A, 440V, 3ph; 1x63A, 440V, 3ph; 1x32A, 440V, 3ph |

*Approximate values assuming Ideal Conditions





*Capacities shown are for lead vessel. Actual capacities may vary slightly.
 *Capacities shown in **RED** are excluded from the total volume.
 *Capacities shown in **BLUE** are included in another Tank's Capacity.
 *Capacities shown in **GREEN** are counted for multiple Tank Capacities.



Wind Angle is stepped from 0 to 360 deg.
Wave Angle is stepped from 0 to 360 deg.
Current Angle is stepped from 0 to 360 deg.

Wind Speed is Set Automatically.
Wave Height is Derived from Wind Speed.
Current Speed is 1.5 knots.

