PACIFIC VALKYRIE

PACIFIC VIXEN as shown, PACIFIC VALKYRIE 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:	2,430 lt	2,460 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), E0	

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*): *Max Structural Specific Gravity	2,920 bbl	460 m^3
Brine:	780 bbl	120 m^3
Oil Dispersant:	2,550 gal	9.6 m^3

TIDEWATER

Find out more **tdw.com**

LAST UPDATE: 11/19/2023

PACIFIC VALKYRIE

Further specifications

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		
Maximum:	27.1 m^3/day (300 gph) @ 13 knots	
Cruising:	20.7 m^3/day (230 gph) @ 11 knots	
Economical:	15 m^3/day (170 gph) @ 10 knots	
Standby:	1.3 m^3/day (14.3 gph) @ 0 knots	
Bollard Pull	140 st	130 mt
Transfer Rates		
Fuel Oil:	440 gpm @ 230 ft	100 m^3/h @ 71 m
Potable Water:	660 gpm @ 230 ft	150 m^3/h @ 71 m
Drill/Ballast Water:	660 gpm @ 230 ft	150 m^3/h @ 71 m
Bulk:	27.3 cfm @ 190 ft	46.3 m^3/h @ 57 m
Liquid Mud:	330 gpm @ 600 ft	75 m^3/h @ 180 m
Brine:	330 gpm @ 600 ft	75 m^3/h @ 180 m

Tow/Anchor Handling

Winch:	Double Drum Winch (320T Brake)
Model:	Hydrakraft/Odim 250T Waterfall
Line Pull:	250 mt
Tow/AH Wire:	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 Seeed 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

tdw.com

LAST UPDATE: 11/19/2023

PACIFIC VALKYRIE

Further specifications

Registration

Flag: SINGAPORE	**Home Port:** SINGAPORE	
Hull Number: 163	**IMO N°:** 9361653	
Year Built: 2008	**Call Sign:** 9V6791	
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
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

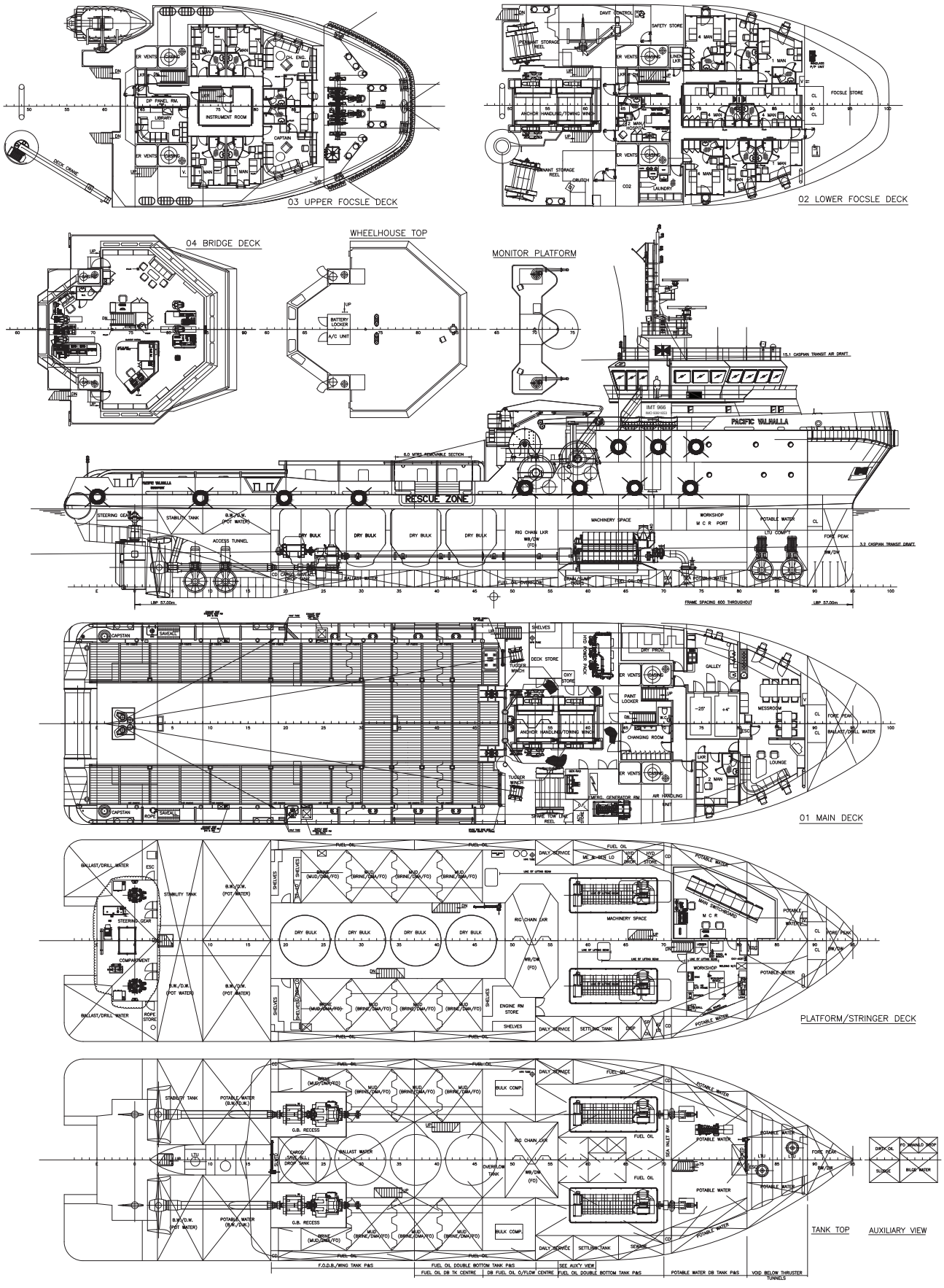
*Approximate values assuming Ideal Conditions

tdw.com

LAST UPDATE: 11/19/2023

PACIFIC VALKYRIE

General Arrangement (Current configuration may vary.)



tdw.com

LAST UPDATE: 11/19/2023

PACIFIC VALKYRIE

Capacity Table

Tank	Contents	Volume m^3	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
FOREPEAK TK	DW/WB	108.3				108.3								
DB TK 5 C	DW/WB	54.3				54.3								
UPPER DEEP TK 6 P	DW/WB	131.2				131.2								
UPPER DEEP TK 6 S	DW/WB	131.2				131.2								
STAB TK 1	DW/WB	173.1				173.1								
AFT PEAK P	DW/WB	68.7				68.7								
AFT PEAK S	DW/WB	68.7				68.7								
RIG CHAIN LKR P/S	DW/WB/FO	195.6		195.6		195.6								
DB/WING TK 1 PS	SHIP'S FW	55.3					55.3							
DB/WING TK 1 SB	SHIP'S FW	76.0					76.0							
DB/WING TK 2 PS	SHIP'S FW	86.5					86.5							
DB/WING TK 2 SB	SHIP'S FW	86.5					86.5							
LOWER DEEP TK 6 P	SHIP'S FW	76.4					76.4							
LOWER DEEP TK 6 S	SHIP'S FW	74.5					74.5							
DB/WING TK 3 PS	FO	128.6		128.6										
DB TK 3 SB	FO	74.7		74.7										
DB TK 4 PS	FO	42.9		42.9										
DB/WING TK 4 PS	FO	106.6		106.6										
DB/WING TK 4 SB	FO	106.6		106.6										
DB/WING TK 5 PS	FO	103.7		103.7										
DB/WING TK 5 SB	FO	103.7		103.7										
FO DAY TK PS	FO	35.0		35.0										
FO DAY TK SB	FO	35.0		35.0										
FO SETTLING TK SB	FO	41.0		41.0										
MUD TK 1 PS	LM/FO	77.4		77.4						77.4				
MUD TK 1 SB	LM/FO	77.4		77.4						77.4				
MUD TK 2 PS	LM/FO	77.4		77.4						77.4				
MUD TK 2 SB	LM/FO	77.4		77.4						77.4				
MUD TK 3 PS	LM/FO	77.4		77.4						77.4				
MUD TK 3 SB	LM/FO	77.4		77.4						77.4				
BRINE TK 1 PS	BR	63.8							63.8					
BRINE TK 1 SB	BR	60.8							60.8					
CEM TANK 1	DRY BULK	46.2			46.2									
CEM TANK 2	DRY BULK	46.2			46.2									
CEM TANK 3	DRY BULK	46.2			46.2									
CEM TANK 4	DRY BULK	46.2			46.2									
ME & GEN LO TK	LO	12.8										12.8		
THR LO STORES	LO	4.4										4.4		
DISPERSANT TK	DISP.	9.6												9.6
Total Volume [m^3]			0.0	1,437.8	184.8	931.1	455.1	0.0	124.6	464.6	0.0	17.2	0.0	9.6
Spec Sheet Total Volume [m^3]			0.0	1,131.3	184.8	931.1	455.1	0.0	124.6	464.6	0.0	17.2	0.0	9.6

*Capacities shown are for lead vessel. Actual capacities may vary slightly.

*Capacities shown in RED are excluded from the total volume.

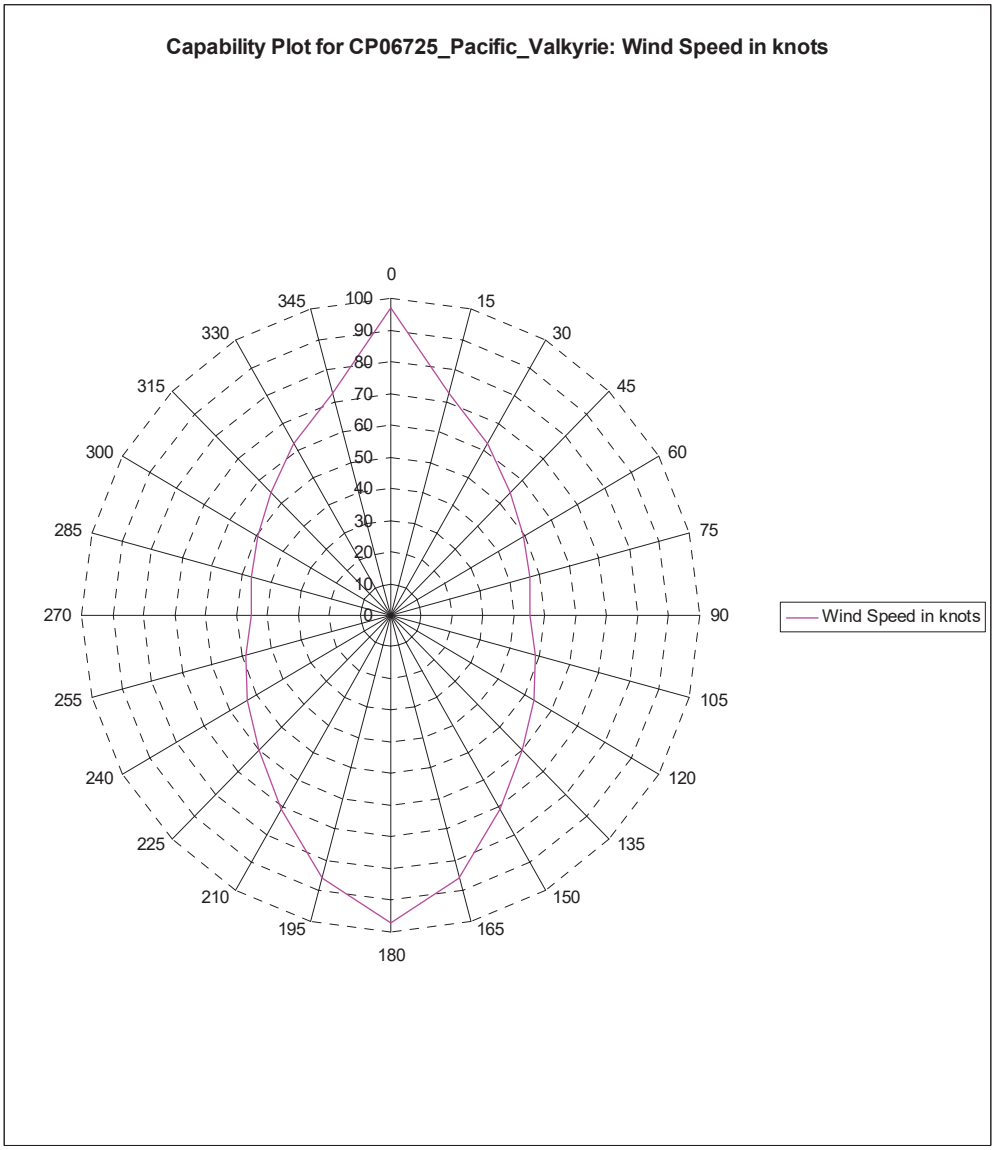
*Capacities shown in BLUE are included in another Tank's Capacity.

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

LAST UPDATE: 11/19/2023

PACIFIC VALKYRIE

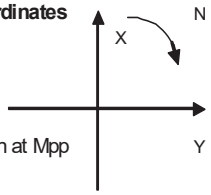
DP Capability Plot



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.

Coordinates



Weather Direction

Wind Current at Waves

0 degrees

90 degrees

Ship Direction

LAST UPDATE: 11/19/2023