PACIFIC PHOENIX





IMT 957 ANCHOR HANDLING TOWING SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	188.7 ft	57.5 m			
Beam:	45.9 ft	14 m			
Depth:	19.7 ft	6 m			
Maximum Draft:	16.7 ft	5.1 m			
Freeboard:	3 ft	0.9 m			
Displacement:	2,900 lt	2,950 mt			
Deadweight:	1,500 lt	1,520 mt			
Clear Deck Space:	98 x 36 ft	30 x 11 m			
Clear Deck Area:	2,960 ft²	270 m ²			
Deck Strength AFT:	1,020 lb/ft²	5 t/m²			
Class Notations:	DNV: +1A, Fire fighter(I), Offshore service vessel(Anchor handling, Towing), DPS(1)				

Capacities

Deck Cargo:	490 lt	500 t
Fuel Oil:	137,000 gal	520 m ³
Potable Water:	52,800 gal	200 m ³
Fresh Water:	52,000 gal	200 m ³
Drill/Ballast Water:	98,200 gal	370 m ³
Bulk Tanks (4 tanks):	4,940 ft³	140 m ³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	2,090 bbl	330 m ³
Oil Dispersant:	2,430 gal	9.2 m ³

TIDEWATER Find out more tdw.com

Pg.2 Further Specifications Pg.4 General Arrangement

Pg.5 Capacity Table Pg.6 DP Capability Plot

PACIFIC PHOENIX Further specifications



Machinery

Main Engines (2):		ΥA	NMAR 6EY26			
Total HP:	5,150					
Propellers (2):	TWIN CPP					
Gears (2):	YANMAR KANZAKI YXHG					
Kort Nozzles:	2					
Rudders (2):	HI-LIFT FLAP RUDDERS					
Primary Generators (1):	320 kw 440 v 60 k					
Driven by:	CAT 3406 0					
Secondary Generators (2):	1000 kw 440 v 60 hz					
Driven by:		Μ	IAIN ENGINES			
Emergency Generators (1):	310 kw	440 v	60 hz			
Driven by:			CAT 3406 C			
Bow Thruster (1):		KAMON	1E TCB-90MA			
Driven by:		500KW ELEC	TRIC MOTOR			
Total Thrust:	8.4 st 7.6 mt					
Stern Thruster (1):	KAMOME TCB-90MA					
Driven by:		500KW ELECTRIC MOTOR				
Total Thrust:		8.4 st	7.6 mt			

Performance*

Fuel Consumption Vs Speed							
Maximum:	20 m³/day (220 gph) @ 12 knots						
Cruising:	12.5 m	³ /day (140 gph) @ 10 knots					
Economical:	10	m³/day (110 gph) @ 8 knots					
Standby:	0.9 m³/day (10 gph) @ 0 knots						
Bollard Pull	70.6 st 64 r						
Transfer Rates							
Fuel Oil:	440 gpm @ 230 ft	100 m³/h @ 71 m					
Fresh Water:	660 gpm @ 230 ft	150 m³/h @ 71 m					
Drill/Ballast Water:	660 gpm @ 230 ft	150 m³/h @ 71 m					
Bulk:	20.6 cfm @ 190 ft	35 m³/h @ 57 m					
Liquid Mud:	330 gpm @ 600 ft	75 m³/h @ 180 m					
Brine:	330 gpm @ 600 ft	75 m³/h @ 180 m					

Tow/Anchor Handling

Winch:	Double Drum Winch (250T Brake)
Model:	MacGregor AHTW/WF-150/250
Line Pull:	150 mt
Tow/AH Wire:	1,200 m / 1,200 m of 64 mm
Pennant Reels (1):	1,200 m of 64 mm
Shark Jaw:	1 X KARMOY 250 T SWL
Tow Pins:	2 X KARMOY 160 T SWL
Chain Handler:	1X76 MM
Stern Roller:	1 X RRM (2 X 4 M); 250 mt SWL

Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	1
Wind Seeed Indicators:	1
Doppler Log:	1
Radio:	2 x VHF
Sat Com:	2 X INMARSAT C

Accommodations

No. of Berths:	20
Cabins:	4x1-man, 4x2-man & 2x4-man
Certified to Carry:	20
Galley seating:	12
Hospital:	Yes

Deck Equipment

Anchors (2):	1440 KG HIGH HOLDING POWER
Anchor Chain:	410 m of 30 mm chain per side
Windlass:	MacGregor PC-HAMW COG-3003-10/015
Crane (1):	1.5 t @ 8 m
Capstans (2):	7 t MACGREGOR
Tugger (2):	10 t MACGREGOR

*Approximate values assuming Ideal Conditions

tdw.com

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 one yent shall company, be liable for any damanes what sever action out of the use or inability to use the data contained herein.

PACIFIC PHOENIX Further specifications



Registration

Flag: VANUATU	Ho	ome Port: PORT VILA
Hull Number: 2030		IMO N ⁰ : 9503419
Year Built: 2011		Call Sign: YJQA4
Builder:	Qing	dao Qianjin Shipyard
Tonnage (ITC):	1329 GT	484 NT

Special Equipment

Fire Fighting:	FIFI-1
Dynamic Positioning:	DP-1
Ref. Systems:	1 x MRU; 1 x DGPS 2 x Laser-based
Mud Circulation System:	Yes
Rescue Zone:	Yes
Rescue Boat:	Vanguard VG 6.0 FRW, 15 Persons
Reefer Sockets:	4x 440V 250A 3ph; 1x 440V 63A 3ph; 1x 220V 32A 1ph
Misc:	MSD

ST UPDATE: 1/17/2024

*Approximate values assuming Ideal Conditions

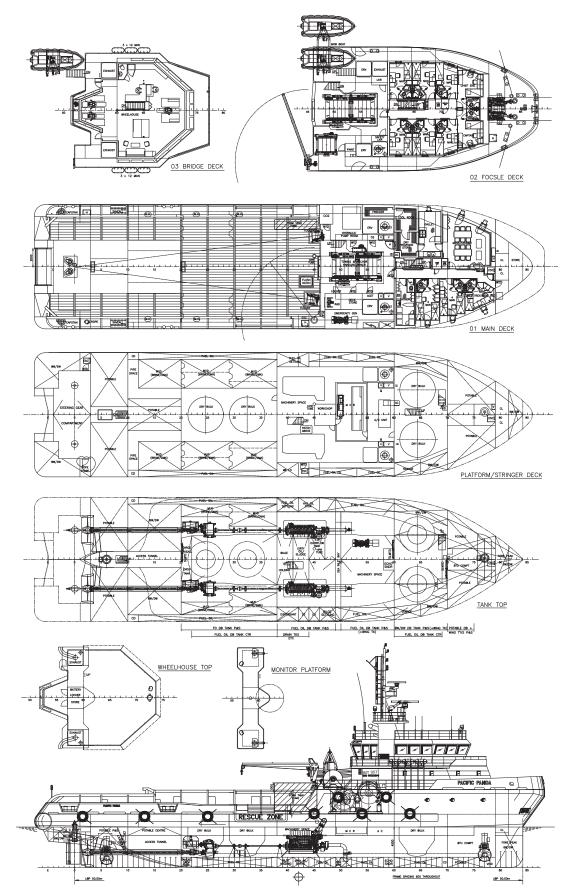
tdw.com

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 he liable for any damages whatever action out of the use or inability to use the data contained herein.

PACIFIC PHOENIX

General Arrangement (Current configuration may vary.)





tdw.com

PACIFIC PHOENIX Capacity Table



		Volume	Base	Fuel	Dry		Potable	Fresh		Liquid		Lube		Oil
Tank	Contents	m ³	Oil	Oil	Bulk	DW/WB	Water	Water	Brine	Mud	Methanol	Oil	Foam	Disp.
1 BW FOREPEAK TK C	DW/WB	33.6				33.6								
6 BW DB TK 2P	DW/WB	55.6				55.6								
7 BW DB TK 2S	DW/WB	36.5				36.5								
32 BW DEEP TK 8P	DW/WB	83.0				83.0								
33 BW DEEP TK 8S	DW/WB	83.0				83.0								
37 BW AFT PEAK TK P	DW/WB	40.1				40.1								
38 BW AFT PEAK TK S	DW/WB	40.1				40.1								
2 PW DEEP TK 1P	SHIP'S FW	101.8					101.8							
3 PW DEEP TK 1S	SHIP'S FW	98.1					98.1							
35 PW DEEP TK 9P	FW	72.6						72.6						
36 PW DEEP TK 9P	FW	73.4						73.4						
40 PW TANK 8C	FW	50.8						50.8						
4 FO DB TK 3C	FO	32.9		32.9										
8 FO WG/DB TK 4P	FO	79.5		79.5										
9 FO WG/DB TK 4S	FO	71.0		71.0										
14 FO SETTLING P	FO	22.7		22.7										
17 FO DAY TK P	FO	12.7		12.7										
18 FO DAY TK S	FO	12.7		12.7										
19 FO DK TK 5P	FO	31.1		31.1										
20 FO DK TK 5S	FO	36.8		36.8										
27 FO DK TK 6C	FO	59.1		59.1										
28 FO DK TK 6P	FO	45.2		45.2										
29 FO WING TK 7P	FO	58.7		58.7										
30 FO DK TK 6S	FO	45.2		45.2										
31 FO WING TK 7S	FO	58.7		58.7										
23 BRINE/MUD TK 1P	LM	73.6								73.6				
24 BRINE/MUD TK 1S	LM	73.6								73.6				
25 MUD TANK 2P	LM	55.6								55.6				
26 MUD TANK 2S	LM	55.6								55.6				
34 MUD TANK 3P	LM	36.6								36.6				
39 MUD TANK 3S	LM	36.6								36.6				
DRY BULK TK 1	DRY BULK	35.0			35.0									
DRY BULK TK 2	DRY BULK	35.0			35.0									
DRY BULK TK 3	DRY BULK	35.0			35.0									
DRY BULK TK 4	DRY BULK	35.0			35.0									
11 THR LO WG TK S	LO	4.6										4.6		
12 GEN LO WG TK S	LO	4.6										4.6		
16 ME LO TK S	LO	9.0										9.0		
10 DISPERSANT TK S	DISP.	9.2												9.2
		olume [m ³]	0.0	566.3	140.0	371.9	199.9	196.8	0.0	331.7	0.0	18.2	0.0	9.2
	Spec Sheet Total V		0.0	518.2	140.0	371.9	199.9	196.8	0.0	331.7	0.0	18.2	0.0	9.2

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

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

 $^{*}\mbox{Capacities}$ shown in \mbox{BLUE} are included in another Tank's Capacity.

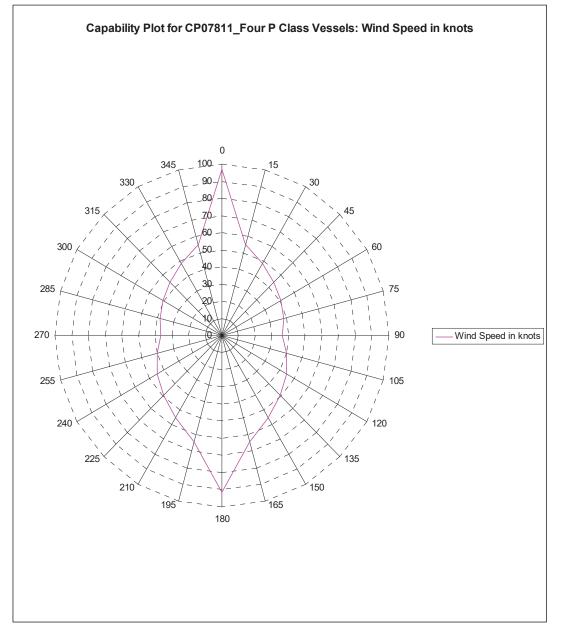
*Capacities shown in GREEN are counted for multiple Tank Capacities.

tdw.com

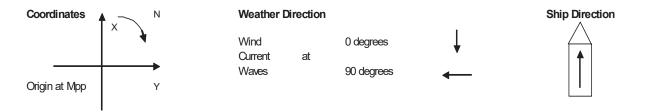
NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure 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.

PACIFIC PHOENIX 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.



tdw.com

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 diliger 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 whatspever arising out of the use or inability to use the data contained herein.