PACIFIC PYTHON





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:	1,520 lt	1,540 mt
Clear Deck Space:	98 x 36 ft	30 x 11 m
Clear Deck Area:	3,010 ft ²	280 m ²
Deck Strength AFT:	1,020 lb/ft²	5 t/m²
Class Notations:	DNV: +1A, Fire fighter(I), Of handling, Towing), DPS(1)	fshore service vessel(Anchor

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

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PACIFIC PYTHON 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 C			
Secondary Generators (2):	1000 kw	440 v	60 hz			
Driven by:		М	AIN 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 ELEC	TRIC 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	71.8 st 65.1 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:	1 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

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PACIFIC PYTHON Further specifications



Registration

Flag: VANUATU	Но	me Port: PORT VILA
Hull Number: 2032		IMO N ^o : 9503433
Year Built: 2011		Call Sign: YJQC7
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

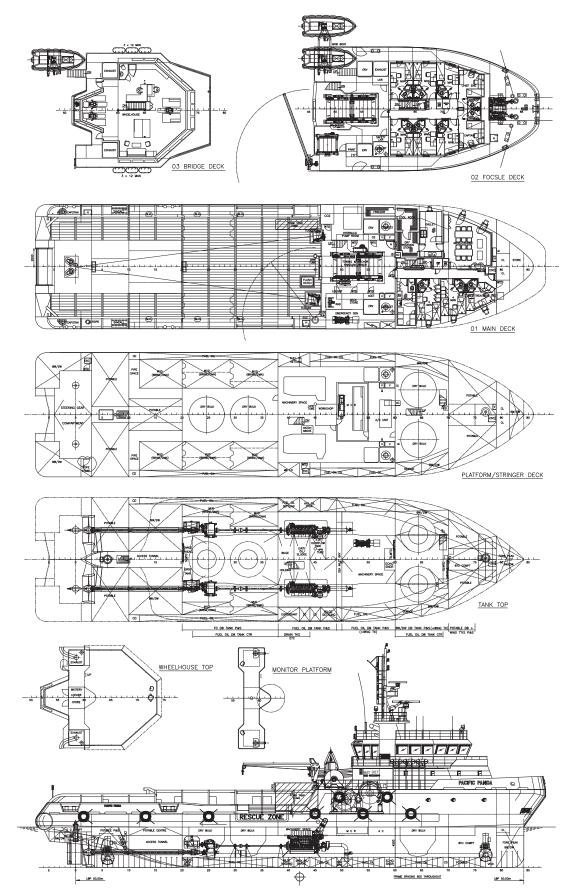
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General Arrangement (Current configuration may vary.)





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PACIFIC PYTHON 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
ļ														
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		aluma	0.0	566.3	140.0	371.9	199.9	196.8	0.0	224 7	0.0	18.2	0.0	9.2
		olume [m ³]	0.0							331.7				
*Canacities shown are for lea	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.

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

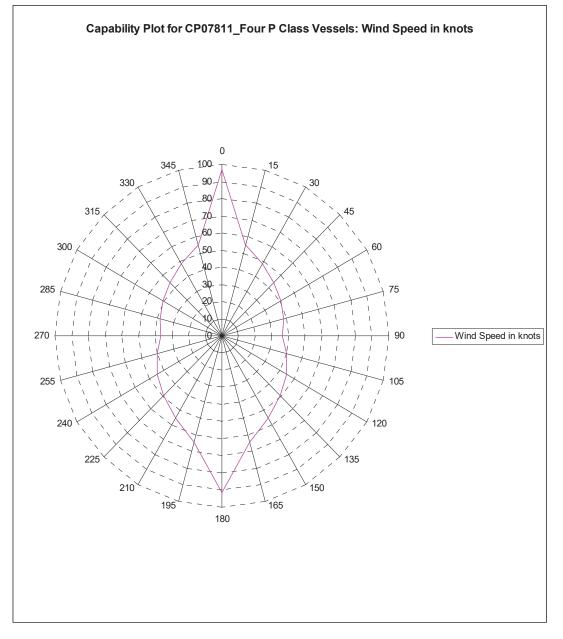
 $^{*}\mbox{Capacities}$ shown in GREEN are counted for multiple Tank Capacities.

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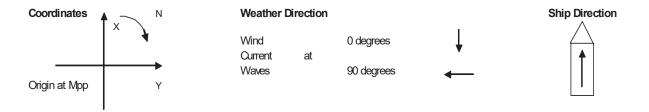
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PACIFIC PYTHON DP Capability Plot





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.



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