

PACIFIC PHOENIX



PACIFIC PYTHON as shown, PACIFIC PHOENIX similar

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 ft ²	270 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), 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 ft ³	140 m ³
Liquid Mud (2.5 SG*):	2,090 bbl	330 m ³
*Max Structural Specific Gravity		
Oil Dispersant:	2,430 gal	9.2 m ³

TIDEWATER

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Pg.2 Further Specifications
Pg.4 General Arrangement

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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.



Machinery

Main Engines (2):	YANMAR 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 hz
Driven by:	CAT 3406 C		
Secondary Generators (2):	1000 kw	440 v	60 hz
Driven by:	MAIN ENGINES		
Emergency Generators (1):	310 kw	440 v	60 hz
Driven by:	CAT 3406 C		
Bow Thruster (1):	KAMOME TCB-90MA		
Driven by:	500KW ELECTRIC 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 m³/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 mt
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 Seed 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



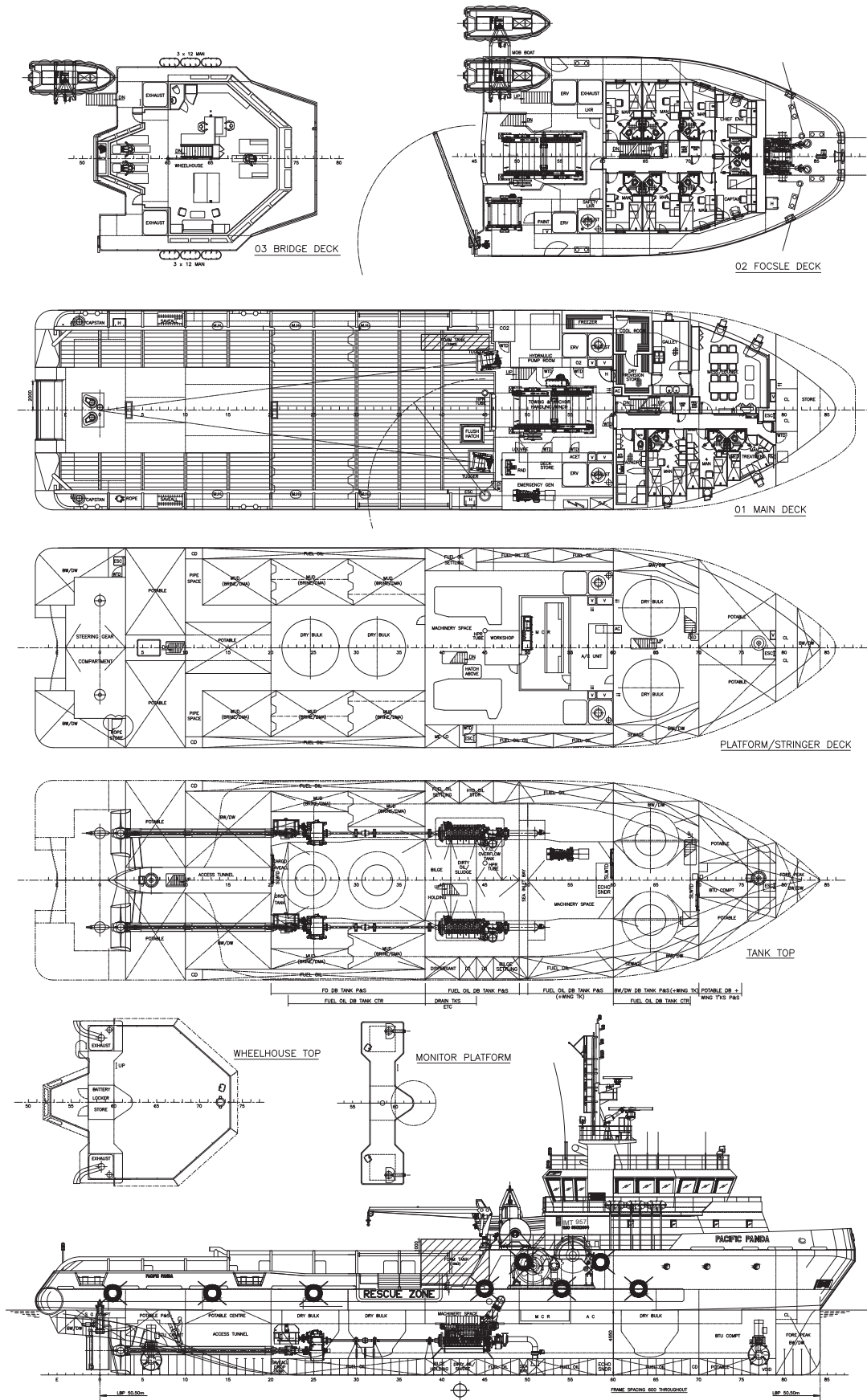
Registration

Flag: VANUATU	Home Port: PORT VILA	
Hull Number: 2030	IMO N ^o : 9503419	
Year Built: 2011	Call Sign: YJQA4	
Builder:	Qingdao 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

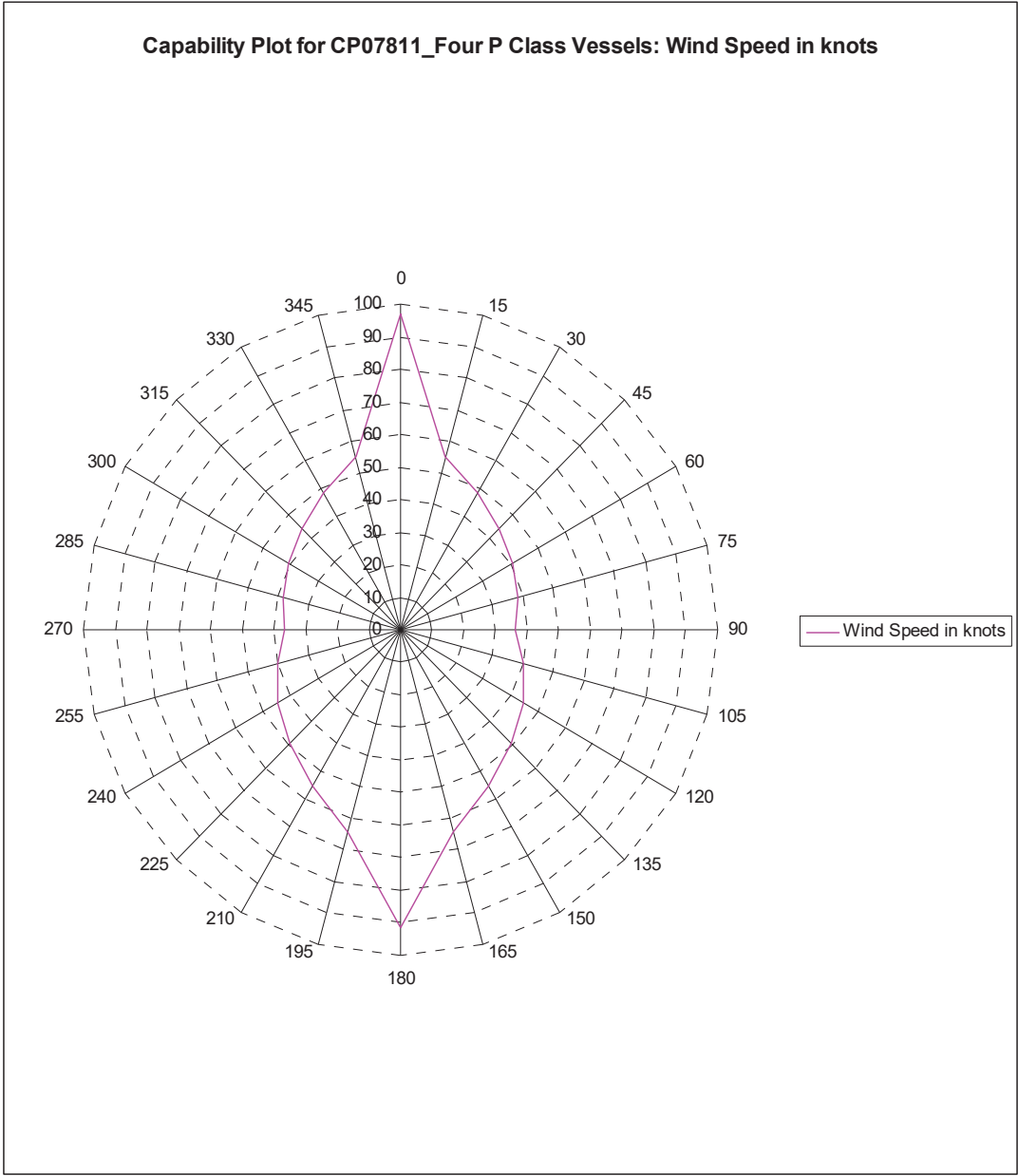
*Approximate values assuming Ideal Conditions



Capacity Table



*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.

