



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:	3,550 ft ²	330 m²				
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 m³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	2,090 bbl	330 m ³
Oil Dispersant:	2,430 gal	9.2 m ³
Fire Fighting Foam:	4,890 gal	18.5 m ³

TIDEWATER

Find out more

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Further specifications



Machinery

Main Engines (2):		YΑ	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 hz			
Driven by:			CAT 3406 C			
Secondary Generators (2):	1000 kw	440 v	60 hz			
Driven by:		M	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	CTRIC MOTOR			
Total Thrust:		8.4 st	7.6 mt			
Stern Thruster (1):		KAMON	1E TCB-90MA			
Driven by:		500KW ELEC	CTRIC MOTOR			
Total Thrust:		8.4 st	7.6 mt			

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

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	73.1 st	66.3 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					
Brine:	330 gpm @ 600 ft	75 m³/h @ 180 m					

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

Further specifications



Registration

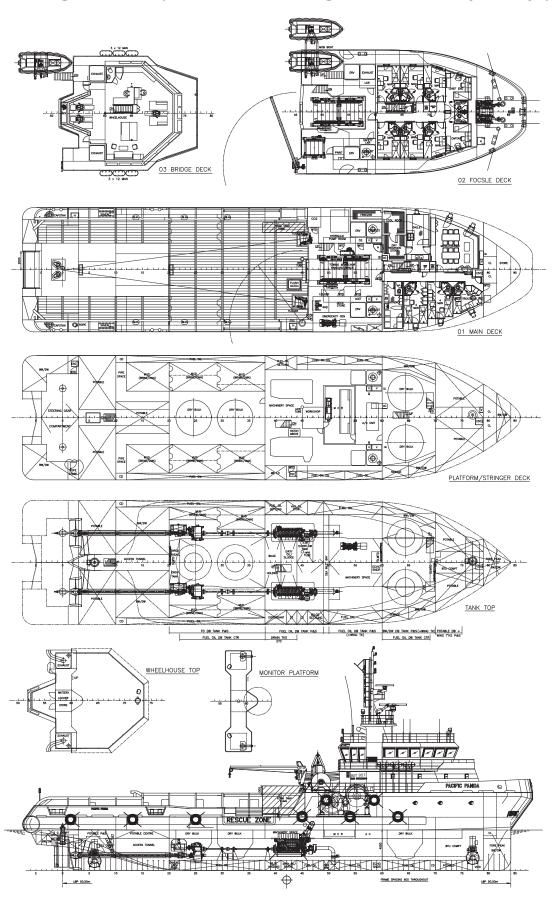
Flag: VANUATU	Ho	ome Port: PORT VILA
Hull Number: 2025		IMO N ^o : 9503354
Year Built: 2010		Call Sign: YJTA5
Builder:	Qing	dao Qianjin Shipyard
Tonnage (ITC):	1329 GT	484 NT

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, Dacon Rescue Scoop

General Arrangement (Current configuration may vary.)





Capacity Table



Tank	Contents	Volume	Base	Fuel	Dry	DW/WB	Potable	Fresh	Deine	Liquid	Methanol	Lube	Faam	Oil
Iank	Contents	m ³	Oil	Oil	Bulk	DW/WB	Water	Water	Brine	Mud	Wethanoi	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 [m³]	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 \	/olume [m³]	0.0	518.2	140.0	371.9	199.9	196.8	0.0	331.7	0.0	18.2	0.0	9.2

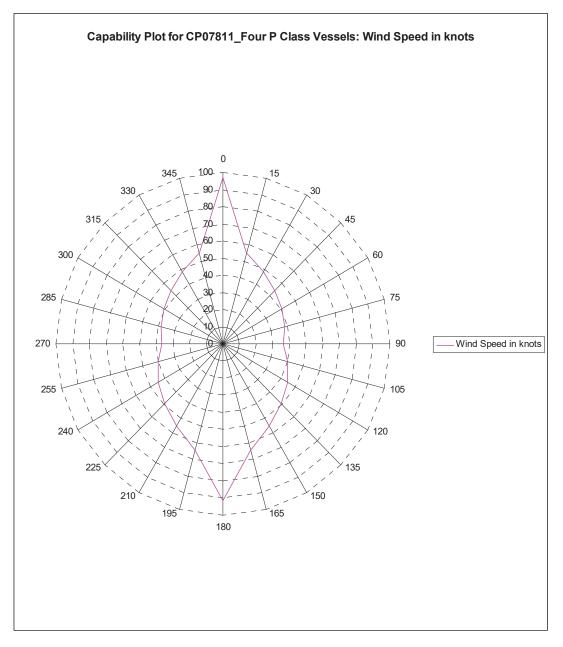
^{*}Capacities shown are for lead vessel. Actual capacities may vary slightly.

^{*}Capacities shown in RED are excluded from the total volume.
*Capacities shown in BLUE are included in another Tank's Capacity.

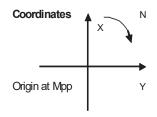
^{*}Capacities shown in GREEN are counted for multiple Tank Capacities.

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.



Weather Direction

Wind 0 degrees
Current at
Waves 90 degrees



Ship Direction

