

PACIFIC LEADER



PACIFIC LEGEND as shown, PACIFIC LEADER similar

IMT 997 PSV

Vessel Characteristics

Length, Overall:	319.2 ft	97.3 m
Beam:	65.6 ft	20 m
Depth:	29.5 ft	9 m
Maximum Draft:	22.3 ft	6.8 m
Light Draft:	11.2 ft	3.4 m
Freeboard:	7.2 ft	2.2 m
Displacement:	9,180 lt	9,330 mt
Deadweight:	5,180 lt	5,260 mt
Clear Deck Space:	187 x 52 ft	57 x 16 m
Clear Deck Area:	9,820 ft ²	910 m ²
Deck Strength FWD:	1,020 lb/ft ²	5 t/m ²
Deck Strength AFT:	2,050 lb/ft ²	10 t/m ²
Class Notations:	DNV: +1A1, Fire fighter(I), Offshore service vessel(-Supply), Clean, DYNPOS(AUTR), EO, SF, SPS	

Capacities

Deck Cargo:	3,300 lt	3,350 t
Fuel Oil:	217,000 gal	820 m ³
Potable Water:	47,000 gal	180 m ³
Fresh Water:	238,000 gal	900 m ³
Drill/Ballast Water:	303,000 gal	1,150 m ³
Bulk Tanks (5 tanks):	12,000 ft ³	340 m ³
Liquid Mud (2.5 SG*):	11,300 bbl	1,800 m ³
*Max Structural Specific Gravity		
Brine:	6,500 bbl	1,030 m ³
Oil Dispersant:	4,010 gal	15.2 m ³

TIDEWATER

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Pg.2 Further Specifications
Pg.3 General Arrangement

Pg.4 Capacity Table
Pg.5 DP Capability Plot

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.

LAST UPDATE: 11/18/2023



Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	6,700 / 10,600		
Z-Drives:	Yes		
Propellers (2):	GE ENERGY INOVELIS POD 2500KW FP		
Kort Nozzles:	2		
Primary Generators (4):	1,900 kw	690 v	60 hz
Driven by:	MAN 6L27/38		
Emergency Generators (1):	340 kw	440 v	60 hz
Driven by:	MAN D2876 LE201		
Bow Thruster (3):	BRUNVOLL FU-80-LTC-2250		
Driven by:	965KW ELECTRIC MOTORS		
Total Thrust:	48.5 st	44 mt	

Deck Equipment

Anchors (2):	3040 KG HIGH HOLDING POWER
Anchor Chain:	330 m of 50 mm chain per side
Windlass:	2 x RRM Winch/Windlass
Crane (1):	5 t @ 15 m
Capstans (2):	10 t RRM
Tugger (2):	10 t RRM

Accommodations

No. of Berths:	37
Cabins:	15x1-man, 3x2-man & 4x4-man
Certified to Carry:	37
Galley seating:	30
Hospital:	Yes

Registration

Flag: SINGAPORE	Home Port: SINGAPORE
Hull Number: 10009	IMO N ^o : 9648362
Year Built: 2014	Call Sign: 9V7283
Builder:	Japan Marine United Corporation
Tonnage (ITC):	5179 GT 1554 NT

Performance*

Fuel Consumption Vs Speed		
Maximum:	24 m³/day (260 gph) @ 14 knots	
Cruising:	12.2 m³/day (130 gph) @ 12 knots	
Economical:	8.5 m³/day (93.6 gph) @ 8 knots	
Standby:	2.5 m³/day (27.5 gph) @ 0 knots	
Transfer Rates		
Fuel Oil:	660 gpm @ 300 ft	150 m³/h @ 92 m
Fresh Water:	660 gpm @ 300 ft	150 m³/h @ 92 m
Drill/Ballast Water:	660 gpm @ 300 ft	150 m³/h @ 92 m
Bulk:	40 cfm @ 190 ft	68 m³/h @ 57 m
Liquid Mud:	660 gpm @ 300 ft	150 m³/h @ 92 m

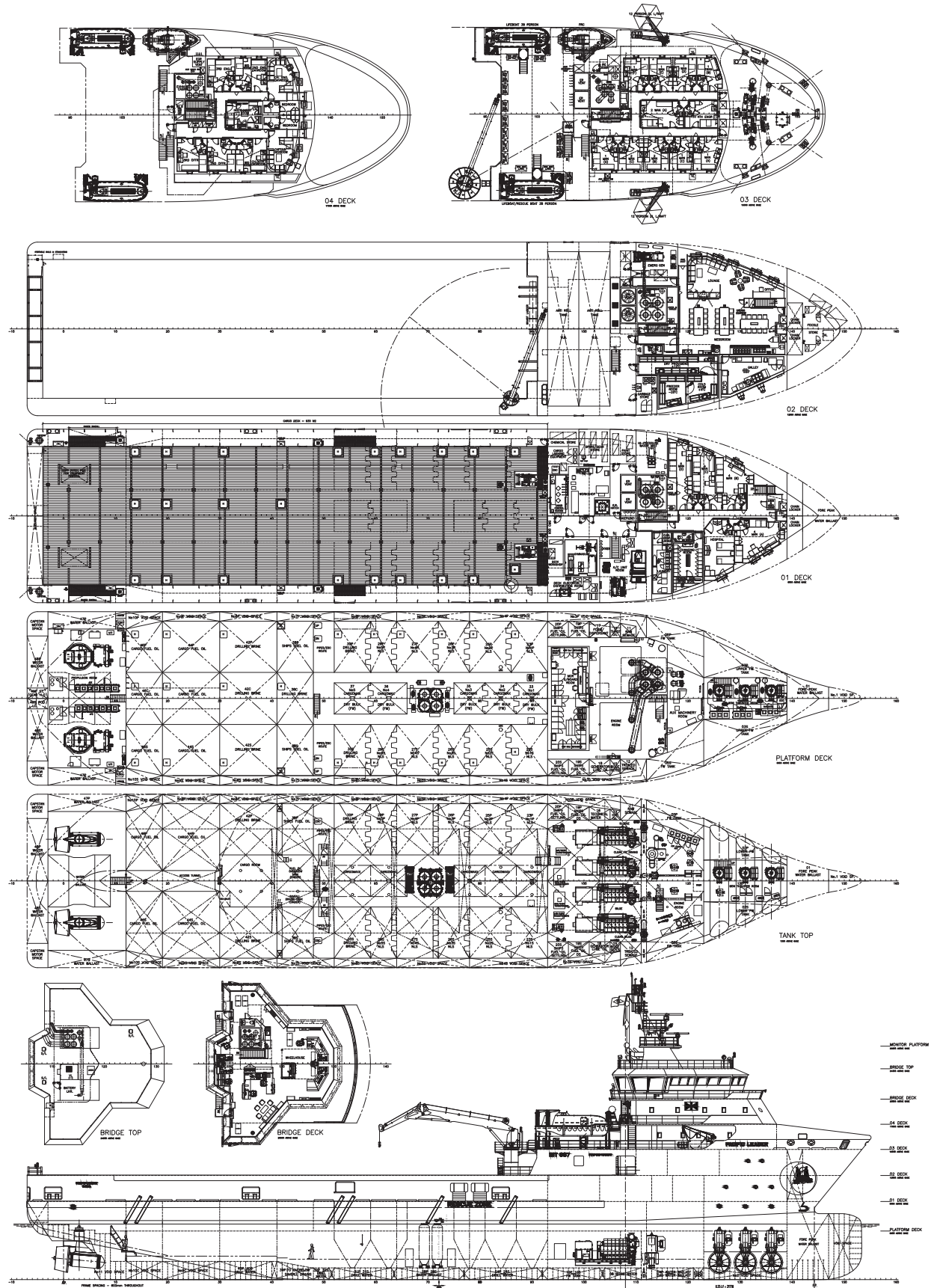
Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Cyro Compass:	3
Wind Speed Indicators:	2
Doppler Log:	1
Radio:	2 x VHF; 1 x SSB
Sat Com:	2 X INMARSAT C

Special Equipment

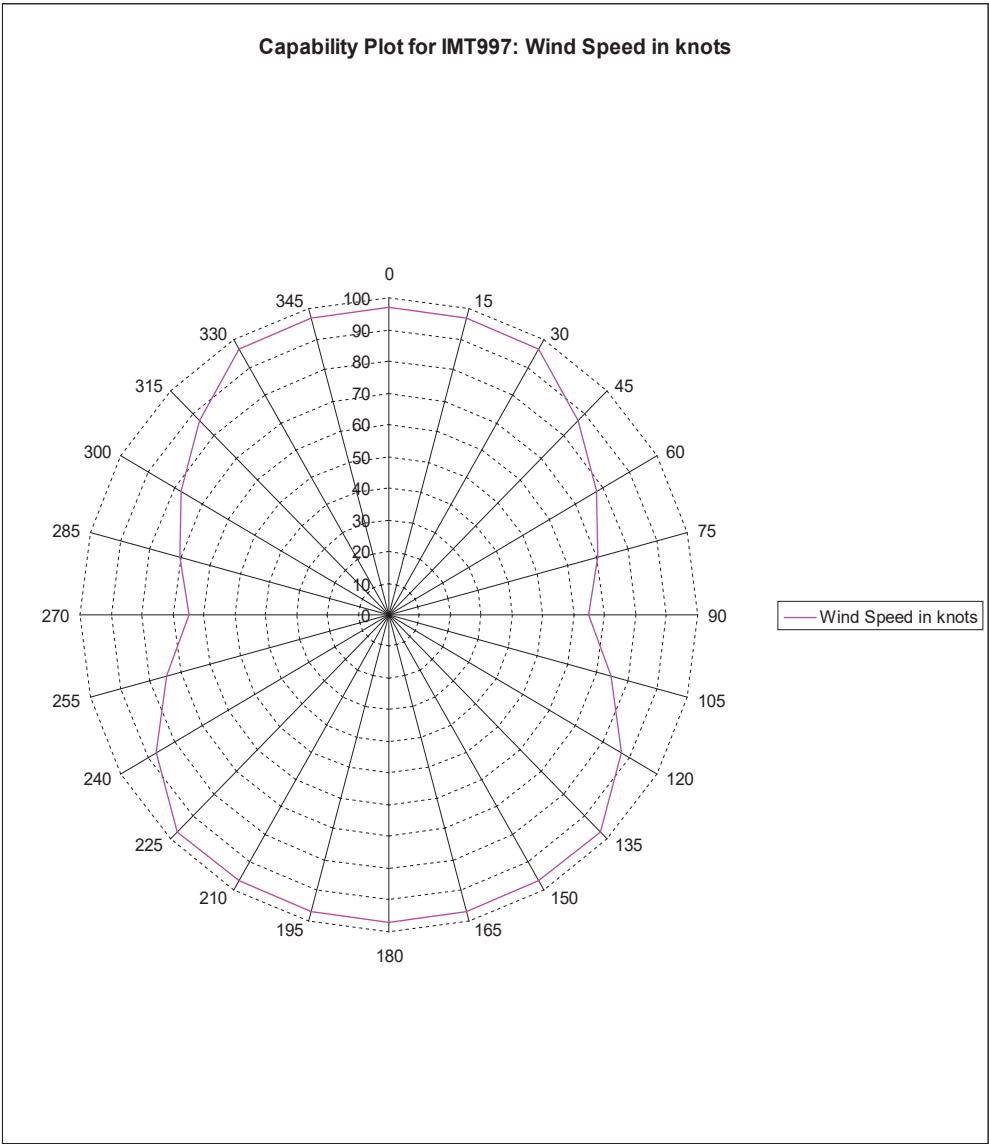
Firefighting:	FIFI-1
Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Mud Circulation System:	Yes
Rescue Zone:	Yes
Rescue Boat:	Maritime Partner MP660 Springer, 10 Persons
Fuel Monitoring:	FUELTRAX
SPS Compliant:	Yes
Misc:	2x38P Davit Launched Lifeboats; HiPAP Ready; MSD

*Approximate values assuming Ideal Conditions





- * 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.

