



Vessel Characteristics

Length, Overall:	226.1 ft	68.9 m
Beam:	50.9 ft	15.5 m
Depth:	23 ft	7 m
Maximum Draft:	19.7 ft	6 m
Freeboard:	3.3 ft	1 m
Displacement:	4,260 lt	4,330 mt
Deadweight:	2,120 lt	2,150 mt
Clear Deck Space:	121 x 42 ft	37 x 13 m
Clear Deck Area:	5,070 ft ²	470 m²
Deck Strength FWD:	1,020 lb/ft²	5 t/m²
Deck Strength AFT:	2,050 lb/ft²	10 t/m²
Class Notations:	DNV: +1A1, Tug, DK(+), DYN	POS(AUTR), EO, SF

Capacities

Deck Cargo:	790 lt	800 t
Fuel Oil:	181,000 gal	690 m ³
Potable Water:	92,800 gal	350 m ³
Fresh Water:	159,000 gal	600 m ³
Drill/Ballast Water:	135,000 gal	510 m ³
Bulk Tanks (4 tanks):	7,910 ft³	220 m ³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	2,770 bbl	440 m ³
Brine:	1,970 bbl	310 m ³
Oil Dispersant:	3,250 gal	12.3 m ³
Fire Fighting Foam:	3,250 gal	12.3 m ³

TIDEWATER

Find out more

Pg.2 Further Specifications Pg.4 General Arrangement

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Pg.5 Capacity Table Pg.6 DP Capability Plot

Further specifications



Machinery

Main Engines (2):		ВЕ	ERGEN BRM-9		
Total HP:	10,7				
Propellers (2):	RRM CPI				
Gears (2):	RRM 1500 AGSC KP/500N				
Kort Nozzles:					
Rudders (2):	HI-LIFT FLAP RUDDER				
Primary Generators (2):	320 kw	440 v	60 hz		
Driven by:		CAT 3406 D			
Secondary Generators (2):	1,280 kw 440 v 60				
Driven by:	MAIN ENGIN				
Emergency Generators (1):	65 kw	440 v	60 hz		
Driven by:		(CAT SR4 DINA		
Bow Thruster (2):		UI	_STEIN 150 TV		
Driven by:		590KW ELEC	TRIC MOTORS		
Total Thrust:	19.7 st 17.9 r				
Stern Thruster (2):	ULSTEIN 150 TV				
Driven by:	590KW ELECTRIC MOTOR:				
Total Thrust:		19.7 st	17.9 mt		

Performance*

Fuel Consumption Vs Speed							
Maximum:	$28.3~\mathrm{m}^3/\mathrm{day}$ (310 gph) @ 13 knots						
Cruising:	19 m	³ /day (210 gph) @ 10 knots					
Economical:	10	m³/day (110 gph) @ 7 knots					
Standby:	1.2 r	m³/day (13.2 gph) @ 0 knots					
Bollard Pull	160 st 140 r						
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:	33 cfm @ 190 ft	56 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:	Triple Drum Winch (450T Brake)
Model:	RRM Brattvagg SL300WX/2BSL300W
Line Pull:	300 mt
Tow/AH Wire:	1,500 m / 1,200 m of 76 mm
Work Wire:	1,200 m of 76 mm
Pennant Reels (3):	1,500 m of 76 mm
Shark Jaw:	2 X 500 T SWL
Tow Pins:	4 X 240 T SWL
Chain Lockers (1):	2,400 m of 76mm chain
Chain Handler:	1X76MM + 2X84MM
Stern Roller:	RRM SINGLE DRUM (2.4 X 5.0M); 450 mt SWL

Nav/Comms Equipment

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

Accommodations

No. of Berths:	28
Cabins:	10x1-man, 3x2-man & 3x4-man
Certified to Carry:	28
Galley seating:	11
Hospital:	Yes

Deck Equipment

Anchors (2):	2460 KG
Anchor Chain:	470 m of 38 mm chain per side
Windlass:	RRM Winch/Windlass
Crane (1):	3 t @ 15 m
Capstans (2):	8.5 t RRM 8.5T @ 20 M/MIN
Tugger (2):	10 t RRM

^{*}Approximate values assuming Ideal Conditions

Further specifications



Registration

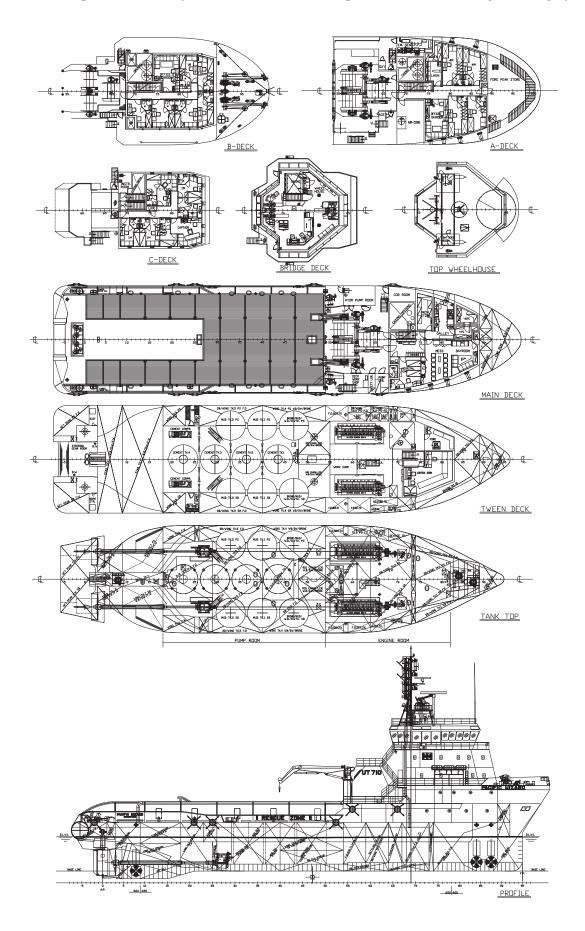
Flag: SINGAPORE	Hon	ne Port: SINGAPORE
Hull Number: 1126		IMO N^o: 9270610
Year Built: 2003		Call Sign: 9V6217
Builder:	IN	P Heavy Ind. Co., Ltd.
Tonnage (ITC):	2332 GT	749 NT

Special Equipment

Fire Fighting:	FiFi Other
Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Laser-based
Tank Cleaning:	Yes
Rescue Zone:	Yes
Rescue Boat:	Maritime Partner MP660 Springer, 10 Persons
Fuel Monitoring:	FUELTRAX
Reefer Sockets:	1x 440V 1000A 3ph; 1x 440V 63A 3ph; 1x 220V 32A 1ph
Misc:	MSD; Aux Crane Rating: 5T @ 10m

General Arrangement (Current configuration may vary.)





Capacity Table



		Volume	ume Base Fu		Fuel Dry		Potable	Fresh		Liquid		Lube		Oil
Tank	Contents	m ³	Oil	Oil	Bulk	DW/WB	Water	Water	Brine	Mud	Methanol	Oil	Foam	Disp.
FOREPEAK TK	DW/WB	101.7				101.7								
WING TK 4 PS	DW/WB/BR	58.9				58.9			58.9					
WING TK 4 SB	DW/WB/BR	58.9				58.9			58.9					
RIG CHAIN LCR	DW/WB/BR	194.7				194.7			194.7					
WING TK 7 PS	DW/WB/FW	43.9				43.9		43.9						
WING TK 7 SB	DW/WB/FW	43.9				43.9		43.9						
STAB TANK 1	DW/WB/FW	256.0				256.0		256.0						
STAB TANK 2	DW/WB/FW	155.5				155.5		155.5						
AFT PEAK PS	FW	48.6				48.6		48.6						
AFT PEAK SB	FW	48.6				48.6		48.6						
DB/WING TK 1 PS	SHIP'S FW	123.9					123.9							
DB/WING TK 1 SB	SHIP'S FW	126.2					126.2							
WING TK 6 PS	FW	50.5						50.5						
WING TK 6 SB	FW	50.5						50.5						
DB/WING TK 2 PS	FO	45.8		45.8				00.0						
DB/WING TK 2 SB	FO	58.8		58.8										
DB/WING TK 3 PS	FO	58.6		58.6										
DB TK 3 SB	FO	34.0		34.0										
DB TK 4 PS	FO	88.2		88.2										
DB TK 4 SB	FO	88.2		88.2										
DB/WING TK 5 PS	FO	143.8												
				143.8										
DB/WING TK 5 SB	FO	134.9		134.9										
DB/CENTER TK 6	FO	33.8		33.8										
FO SERVICE TK PS	FO	34.2		34.2										
FO SERVICE TK SB	FO	34.2		34.2										
FO SETTLING TK	FO	31.4		31.4										
GLYCOL TK 1 PS	DW/WB/BR/LM	73.3				73.3				73.3				
GLYCOL TK 1 SB	DW/WB/BR/LM	73.3				73.3				73.3				
MUD TK 1 PS	LM	73.3								73.3				
MUD TK 1 SB	LM	73.3								73.3				
MUD TK 2 PS	LM	73.3								73.3				
MUD TK 2 SB	LM	73.3								73.3				
CEM TANK 1	DRY BULK	56.0			56.0									
CEM TANK 2	DRY BULK	56.0			56.0									
CEM TANK 3	DRY BULK	56.0			56.0									
CEM TANK 4	DRY BULK	56.0			56.0									
LO STORES AUX ENG	LO	4.2										4.2		
LO STORES THRUSTER	LO	4.2										4.2		
LO STORES ME	LO	8.5										8.5		
LO STORES STERN TUBE	LO	2.0										2.0		
LO STORES MAIN GEAR	LO	2.0										2.0		
FOAM TK	FOAM	12.3											12.3	
DISPERSANT TK	DISP.	12.3												12.3
	1													
l														
		3-	0.0	705.0	224.0	4 457 0	252.4	607.5	240 5	420.0	0.0	20.0	40.0	40.0
		olume [m³]	0.0	785.9	224.0	1,157.3	250.1	697.5	312.5	439.8	0.0	20.9	12.3	12.3
	Spec Sheet Total V	olume [m³]	0.0	686.1	224.0	511.4	250.1	600.3	312.5	439.8	0.0	20.9	12.3	12.3

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

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

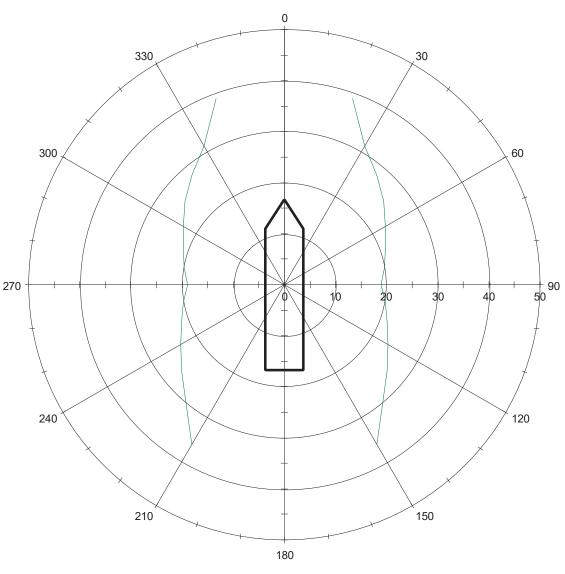
 $^{^{\}star}$ Capacities shown in **BLUE** are included in another Tank's Capacity.

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

DP Capability Plot



Ship: PACIFIC_WIZARD.GF (imported)
Run: PACIFIC WIZARD



Wind [m/s] (truncated at 50.0 m/s)