

PACIFIC RETRIEVER



UT 738 PSV

Vessel Characteristics

Length, Overall:	211 ft	64.3 m
Beam:	49.2 ft	15 m
Depth:	22 ft	6.7 m
Maximum Draft:	18.7 ft	5.7 m
Freeboard:	3.3 ft	1 m
Displacement:	3,760 lt	3,820 mt
Deadweight:	2,080 lt	2,120 mt
Clear Deck Space:	112 x 39 ft	34 x 12 m
Clear Deck Area:	4,390 ft ²	410 m ²
Deck Strength AFT:	1,020 lb/ft ²	5 t/m ²
Class Notations:	DNV: +1A1, Tug, DYNPOS(AUTR), EO, SF	

Capacities

Deck Cargo:	920 lt	930 t
Fuel Oil:	220,000 gal	830 m ³
Potable Water:	92,700 gal	350 m ³
Fresh Water:	42,100 gal	160 m ³
Drill/Ballast Water:	167,000 gal	630 m ³
Bulk Tanks (4 tanks):	6,600 ft ³	190 m ³
Liquid Mud (2.5 SG*):	3,530 bbl	560 m ³
*Max Structural Specific Gravity		
Oil Dispersant:	3,410 gal	12.9 m ³
Fire Fighting Foam:	4,570 gal	17.3 m ³

TIDEWATER

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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.

LAST UPDATE: 11/18/2023

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Further specifications



Machinery

Main Engines (2):	BERGEN BRM-6		
Total HP:	7,110		
Propellers (2):	TWIN CPP		
Gears (2):	RRM 600AGSC-S/B-KP500ND		
Kort Nozzles:	2		
Rudders (2):	HI-LIFT FLAP RUDDERS		
Primary Generators (2):	260 kw	440 v	60 hz
Driven by:	CAT 3406		
Secondary Generators (2):	1,280 kw	440 v	60 hz
Driven by:	MAIN ENGINES		
Emergency Generators (1):	70 kw	440 v	60 hz
Driven by:	CAT 3304		
Bow Thruster (2):	ULSTEIN 150 TV		
Driven by:	515KW ELECTRIC MOTORS		
Total Thrust:	17.3 st	15.7 mt	
Stern Thruster (2):	ULSTEIN 150 TV		
Driven by:	515KW ELECTRIC MOTORS		
Total Thrust:	17.3 st	15.7 mt	

Performance*

Fuel Consumption Vs Speed		
Maximum:	21.9 m³/day (240 gph) @ 13 knots	
Cruising:	17.5 m³/day (190 gph) @ 12 knots	
Economical:	10.7 m³/day (120 gph) @ 10 knots	
Standby:	1.2 m³/day (13.2 gph) @ 0 knots	
Bollard Pull	83.8 st	76 mt
Transfer Rates		
Fuel Oil:	440 gpm @ 300 ft	100 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:	27.5 cfm @ 190 ft	46.7 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 Waterfall Type Winch (250T Brake)
Model:	Ulstein Brattvaag SL150W-B2T
Line Pull:	150 mt
Tow/AH Wire:	1,400 m / 1,400 m of 56 mm
Pennant Reels (1):	1,400 m of 56 mm
Shark Jaw:	1 X KARMOY 300 T MBL
Tow Pins:	2 X KARMOY 160 T SWL
Chain Handler:	1X76 MM
Stern Roller:	1 X RRM (2 X 4 M); 250 mt SWL
Misc. Tow Equipment:	1xSpare Store Reel 1000m x 76mm; 1x200 t Smit Towing Bracket

Nav/Comms Equipment

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

Accommodations

No. of Berths:	27
Cabins:	9x1-man & 9x2-man
Certified to Carry:	27
Galley seating:	14
Hospital:	Yes

Deck Equipment

Anchors (2):	1600 KG HIGH HOLDING POWER
Anchor Chain:	220 m of 36 mm chain per side
Windlass:	9T RRM
Crane (1):	2 t @ 10 m
Capstans (2):	10 t RRM
Tugger (2):	6 t BRATTVAAG

*Approximate values assuming Ideal Conditions

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Further specifications



Registration

Flag: SINGAPORE	Home Port: SINGAPORE	
Hull Number: 1123	IMO N ^o : 9236810	
Year Built: 2002	Call Sign: S6GS4	
Builder:	INP Heavy Industries Co. Ltd	
Tonnage (ITC):	1864 GT	560 NT

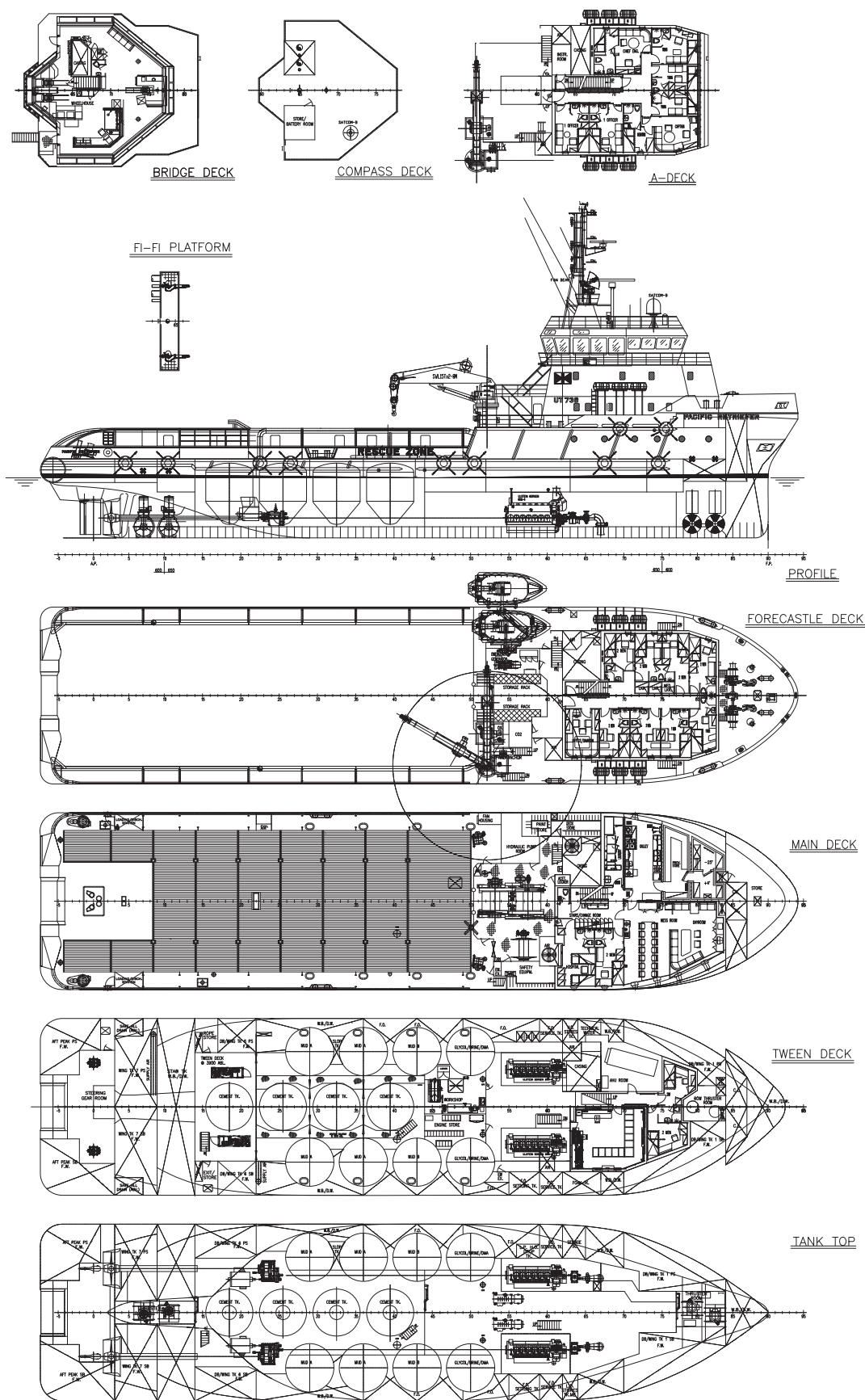
Special Equipment

Fire Fighting:	FiFi Other
Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 2 x DGPS 2 x Laser-based
Mud Mixers:	Yes
Tank Cleaning:	Yes
Rescue Zone:	Yes
Rescue Boat:	Maritime Partner MP660 Springer, 10 Persons
Reefer Sockets:	1x 440V 1000A 3ph; 1x 440V 63A 3ph; 1x 220V 32A 1ph
Misc:	MSD

*Approximate values assuming Ideal Conditions

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General Arrangement (Current configuration may vary.)

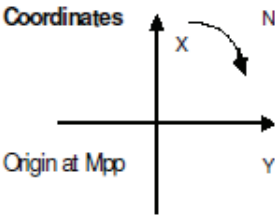
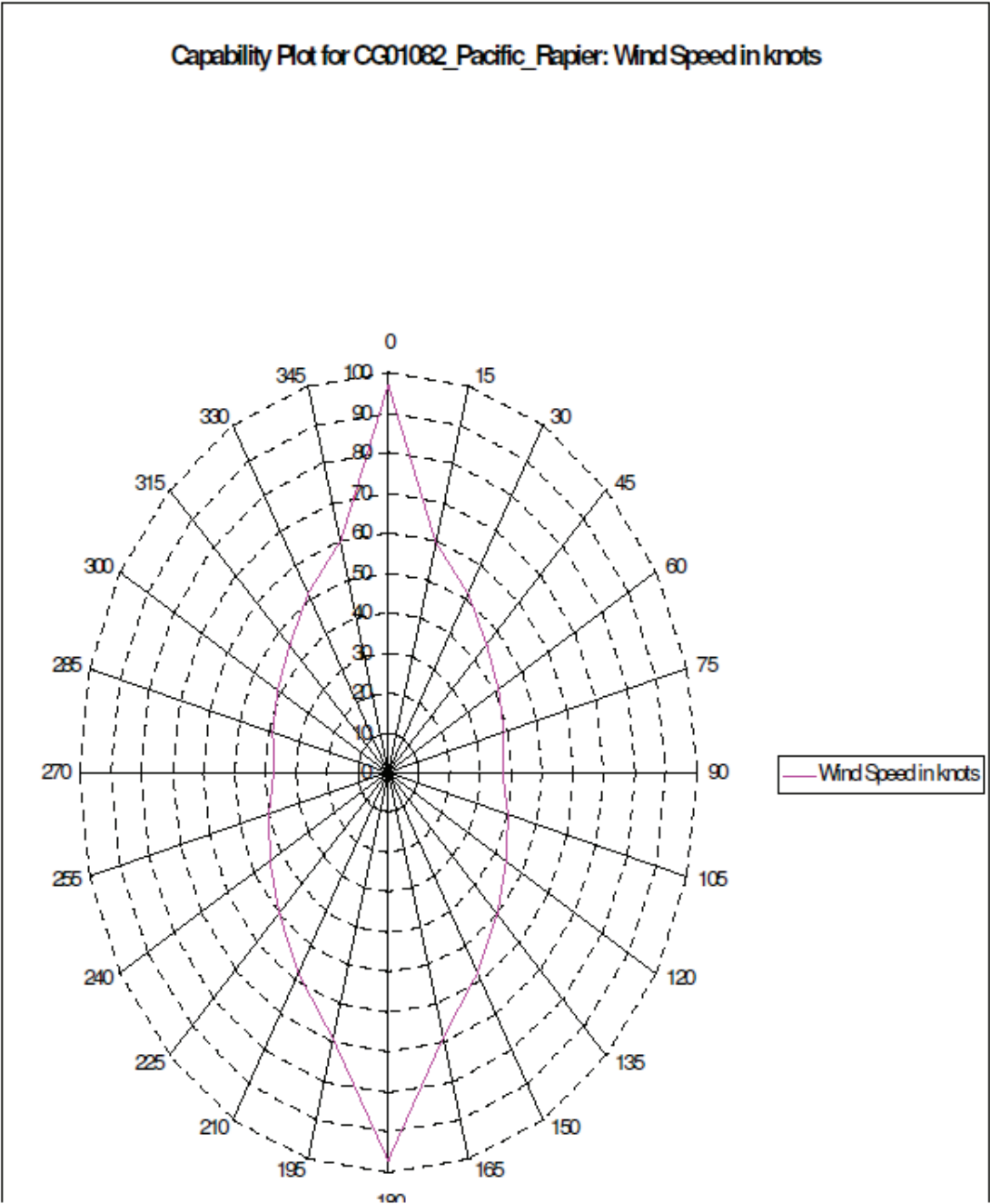


Capacity Table



*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.

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Weather Direction

Wind 0 degrees
Current at
Waves 90 degrees

