PACIFIC GREBE





IMT 984 PSV

Vessel Characteristics

Length, Overall:	277.6 ft	84.6 m
Beam:	59.1 ft	18 m
Depth:	24.9 ft	7.6 m
Maximum Draft:	21.1 ft	6.4 m
Light Draft:	10.2 ft	3.1 m
Freeboard:	3.9 ft	1.2 m
Displacement:	6,840 lt	6,950 mt
Deadweight:	4,020 lt	4,080 mt
Clear Deck Space:	177 x 52 ft	54 x 16 m
Clear Deck Area:	8,720 ft²	810 m ²
Deck Strength FWD:	1,020 lb/ft²	5 t/m²
Deck Strength AFT:	2,050 lb/ft²	10 t/m²
Class Notations:	DNV: +1A1, Fire fighter(I), Supply), Clean, DYNPOS(`

Capacities

Deck Cargo:	1,720 lt	1,750 t
Fuel Oil:	412,000 gal	1,560 m ³
Potable Water:	88,400 gal	330 m ³
Fresh Water:	92,200 gal	350 m ³
Drill/Ballast Water:	463,000 gal	1,750 m ³
Bulk Tanks (5 tanks):	11,200 ft³	320 m ³
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	4,800 bbl	760 m ³
Base Oil:	1,200 bbl	190 m³
Oil Dispersant:	2,910 gal	11 m ³
Fire Fighting Foam:	2,620 gal	9.9 m ³

TIDEWATER

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Pg.2 Further Specifications Pg.3 General Arrangement Pg.4 Capacity Table Pg.5 DP Capability Plot

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PACIFIC GREBE Further specifications



Machinery

Diesel Electric Vessel						
Propulsive/Total HP:		5,360 / 6,440				
Z-Drives:			Yes			
Propellers (2):		RRM CONTA	Z 15 2000KW			
Primary Generators (2):	1,720 kw	690 v	60 hz			
Driven by:	YANMAR 6EY18ALW					
Secondary Generators (2):	680 kw	690 v	60 hz			
Driven by:		YANM	IAR 6EY26LW			
Emergency Generators (1):	120 kw	440 v	60 hz			
Driven by:	D	DOOSAN INFRACORE AD136TI				
Bow Thruster (3):	BRUNVOLL FU-63-LTC-1750 CP TT					
Driven by:	730KW ELECTRIC MOTORS					
Total Thrust:	36.7 st 33.3 mt					

Performance*

Fuel Consumption Vs Speed							
Maximum:	14 m³/day (150 gph) @ 13 knots						
Cruising:	11.5 m	³ /day (130 gph) @ 12 knots					
Economical:	8 m	³ /day (88.1 gph) @ 10 knots					
Standby:	1.5 n	n³/day (16.5 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:	37.5 cfm @ 230 ft	63.7 m³/h @ 70 m					
Liquid Mud:	330 gpm @ 600 ft	75 m³/h @ 180 m					
Base Oil:	660 gpm @ 300 ft	150 m³/h @ 92 m					

Nav/Comms Equipment

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

Deck Equipment

Anchors (2):	2655 KG HIGH HOLDING POWER
Anchor Chain:	320 m of 46 mm chain per side
Windlass:	2 x RRM Winch/Windlass
Crane (1):	5 t @ 14 m
Capstans (2):	10 t RRM
Tugger (2):	20 t RRM

Accommodations

No. of Berths:	48
Cabins:	14x1-man, 13x2-man & 2x4-man
Certified to Carry:	48
Galley seating:	24
Hospital:	Yes

Registration

Flag: SINGAPORE	Home Port: SINGAPORE					
Hull Number: 86	IMO N^o: 9666924					
Year Built: 2017	Call Sign: 9VJM7					
Builder:	Japan Marine United Corporation					
Tonnage (ITC):	3585 GT 1076					

Special Equipment

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Microwave-based; 2 x Laser-based
Water Maker:	1X10 T/DAY
Mud Circulation System:	Yes
Rescue Zone:	Yes
Rescue Boat:	Maritime Partner MP660 Springer, 10-Man
SPS Compliant:	Yes
Misc:	MSD - 55 Persons; HiPAP Ready

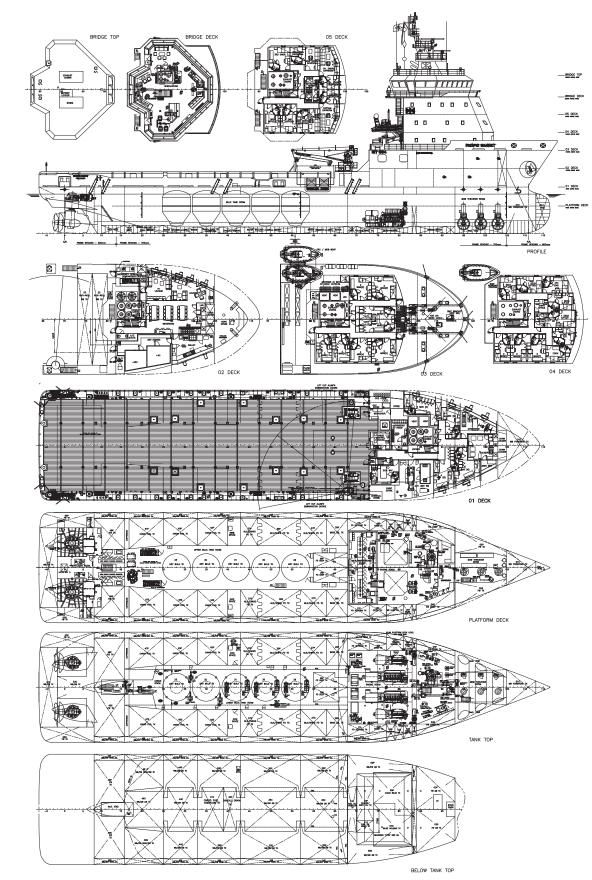
*Approximate values assuming Ideal Conditions

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PACIFIC GREBE General Arrangement (Current configuration may vary.)





AST UPDATE: 11/18/2023

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PACIFIC GREBE Capacity Table



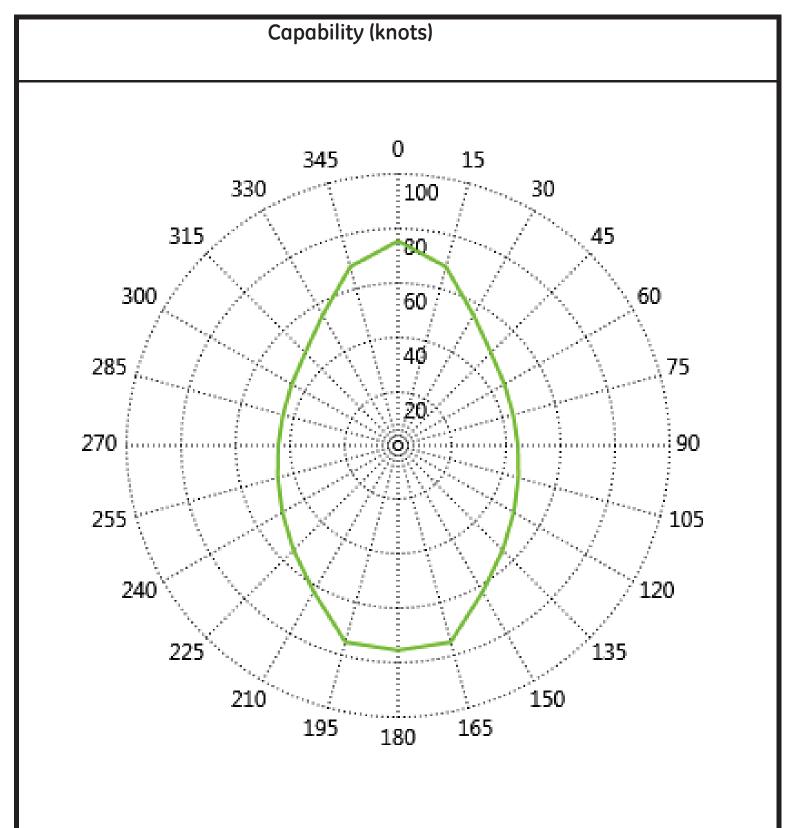
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*Capacities shown in RED are excluded from the total volume. *Capacities shown in BLUE are included in another Tank's Capacity.

*Capacities shown in GREEN are counted for multiple Tank Capacities.

PACIFIC GREBE DP Capability Plot





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