

# PACIFIC GREBE



PACIFIC GANNET as shown, PACIFIC GREBE similar

## IMT 984 PSV

### Vessel Characteristics

Length, Overall:	2776 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 ft <sup>2</sup>	810 m <sup>2</sup>
Deck Strength FWD:	1,020 lb/ft <sup>2</sup>	5 t/m <sup>2</sup>
Deck Strength AFT:	2,050 lb/ft <sup>2</sup>	10 t/m <sup>2</sup>
Class Notations:	DNV: +1A1, Fire fighter(I), Offshore service vessel(-Supply), Clean, DYNPOS(AUTR), EO, SF, SPS	

### Capacities

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

## TIDEWATER

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Pg.2 Further Specifications

Pg.4 Capacity Table

Pg.3 General Arrangement

Pg.5 DP Capability Plot

# PACIFIC GREBE

## Further specifications



### Machinery

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

### Deck Equipment

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

### Accommodations

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

### Registration

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

### Performance\*

<b>Fuel Consumption Vs Speed</b>		
<i>Maximum:</i>	14 m <sup>3</sup> /day (150 gph) @ 13 knots	
<i>Cruising:</i>	11.5 m <sup>3</sup> /day (130 gph) @ 12 knots	
<i>Economical:</i>	8 m <sup>3</sup> /day (88.1 gph) @ 10 knots	
<i>Standby:</i>	1.5 m <sup>3</sup> /day (16.5 gph) @ 0 knots	
<b>Transfer Rates</b>		
<i>Fuel Oil:</i>	660 gpm @ 300 ft	150 m <sup>3</sup> /h @ 92 m
<i>Fresh Water:</i>	660 gpm @ 300 ft	150 m <sup>3</sup> /h @ 92 m
<i>Drill/Ballast Water:</i>	660 gpm @ 300 ft	150 m <sup>3</sup> /h @ 92 m
<i>Bulk:</i>	37.5 cfm @ 230 ft	63.7 m <sup>3</sup> /h @ 70 m
<i>Liquid Mud:</i>	330 gpm @ 600 ft	75 m <sup>3</sup> /h @ 180 m
<i>Base Oil:</i>	660 gpm @ 300 ft	150 m <sup>3</sup> /h @ 92 m

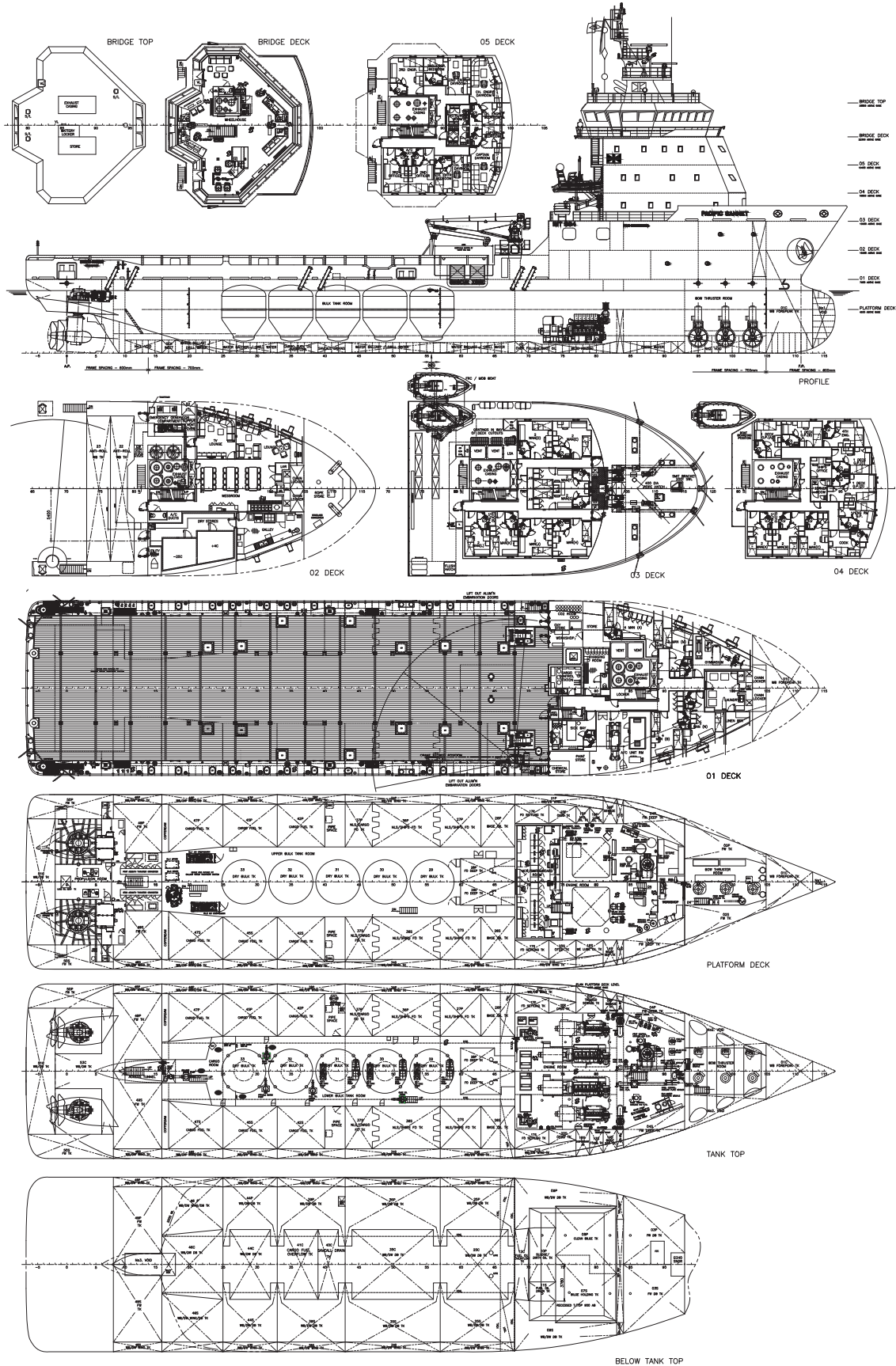
### Nav/Comms Equipment

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

### Special Equipment

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

\*Approximate values assuming Ideal Conditions





Tank	Contents	Volume m <sup>3</sup>	Base Oil	Fuel Oil	Dry Bulk	DW/WB	Potable Water	Fresh Water	Brine	Liquid Mud	Methanol	Lube Oil	Foam	Oil Disp.
51C WB / DW TK	DW/WB	62.6				62.6								
53C WB / DW TK	DW/WB	29.5				29.5								
48P WB / DW WING TK	DW/WB	16.7				16.7								
48S WB / DW WING TK	DW/WB	16.7				16.7								
46P WB / DW WG/DB TK	DW/WB	69.4				69.4								
46P WB / DW WG/DB TK	DW/WB	69.4				69.4								
46C WB / DW DB TK	DW/WB	47.8				47.8								
43P WB / DW WING TK	DW/WB	30.9				30.9								
44P WB / DW DB TK	DW/WB	35.5				35.5								
43S WB / DW WING TK	DW/WB	30.9				30.9								
44S WB / DW DB TK	DW/WB	35.5				35.5								
44C WB / DW DB TK	DW/WB	35.7				35.7								
38P WB / DW WING TK	DW/WB	40.3				40.3								
39P WB / DW DB TK	DW/WB	43.2				43.2								
38S WB / DW WING TK	DW/WB	40.3				40.3								
39S WB / DW DB TK	DW/WB	43.2				43.2								
34P WB / DW WING TK	DW/WB	59.2				59.2								
35P WB / DW DB TK	DW/WB	64.1				64.1								
34S WB / DW WING TK	DW/WB	59.2				59.2								
35S WB / DW DB TK	DW/WB	64.1				64.1								
35C WB / DW DB TK	DW/WB	59.9				59.9								
24P WB / DW WING TK	DW/WB	46.7				46.7								
25P WB / DW DB TK	DW/WB	51.1				51.1								
25C WB / DW DB TK	DW/WB	45.7				45.7								
25S WB / DW DB TK	DW/WB	51.1				51.1								
24S WB / DW WING TK	DW/WB	46.6				46.6								
09P WB / DW DB TK	DW/WB	32.6				32.6								
09S WB / DW DB TK	DW/WB	32.8				32.8								
21P WB / DW WING TK	DW/WB	54.0				54.0								
21S WB / DW WING TK	DW/WB	54.1				54.1								
01C WB FOREPEAK TK	DW/WB	179.3				179.3								
23 ANTI-ROLL WB TK	DW/WB	108.0				108.0								
22 ANTI-ROLL WB TK	DW/WB	97.1				97.1								
50P FW TK	FW	31.1						31.1						
50S FW TK	FW	25.6						25.6						
49P FW TK	FW	109.5						109.5						
49S FW TK	FW	109.5						109.5						
04P FW DEEP TK	SHIP'S FW	79.0					79.0							
04S FW DEEP TK	SHIP'S FW	86.8					86.8							
03P FW DB TK	FW	34.8						34.8						
03S FW DB TK	FW	38.7						38.7						
02P FW TK	SHIP'S FW	84.4					84.4							
02S FW TK	SHIP'S FW	84.4					84.4							
28P FO DEEP TK	FO	79.7		79.7										
28S FO DEEP TK	FO	81.9		81.9										
17P FO SETTLING TK	FO	41.6		41.6										
17S FO SETTLING TK	FO	41.6		41.6										
20P OFDS TK	FO	28.6		28.6										
20S OFDS TK	FO	28.6		28.6										
47P CARGO FO TK	FO	123.2		123.2										
47S CARGO FO TK	FO	123.2		123.2										
45P CARGO FO TK	FO	142.7		142.7										
45S CARGO FO TK	FO	142.7		142.7										
42P CARGO FO TK	FO	132.7		132.7										
42S CARGO FO TK	FO	132.7		132.7										
27P NLS / SHIPS FO TK	LM/FO	123.2		123.2						123.2				
27S NLS / SHIPS FO TK	LM/FO	124.1		124.1						124.1				
36P NLS / SHIPS FO TK	LM/FO	171.8		171.8						171.8				
36S NLS / SHIPS FO TK	LM/FO	171.8		171.8						171.8				
37P NLS / CARGO FO TK	LM/FO	85.9		85.9						85.9				
37S NLS / CARGO FO TK	LM/FO	85.9		85.9						85.9				
26P BASE OIL TK	BO	95.8	95.8											
26S BASE OIL TK	BO	94.9	94.9											
29 DRY BULK TK	DRY BULK	63.7			63.7									
30 DRY BULK TK	DRY BULK	63.7			63.7									
31 DRY BULK TK	DRY BULK	63.7			63.7									
32 DRY BULK TK	DRY BULK	63.7			63.7									
33 DRY BULK TK	DRY BULK	63.7			63.7									
16S ME LUBE OIL TK	LO	14.1										14.1		
19P LUBE OIL TK	LO	6.7										6.7		
13S FOAM TK	FOAM	9.9											9.9	
18S DISPERSANT TK	DISP.	11.0												11.0
Total Volume [m <sup>3</sup> ]			190.7	1,861.9	318.5	1,753.2	334.6	349.2	0.0	762.7	0.0	20.8	9.9	11.0
Spec Sheet Total Volume [m <sup>3</sup> ]			190.7	1,559.9	318.5	1,753.2	334.6	349.2	0.0	762.7	0.0	20.8	9.9	11.0

\*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.



Capability (knots)

