

PACIFIC GOLDFINCH



PACIFIC GANNET as shown, PACIFIC GOLDFINCH 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:	3,990 lt	4,050 mt
Clear Deck Space:	177 x 52 ft	54 x 16 m
Clear Deck Area:	8,720 ft ²	810 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:	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 ft ³	320 m ³
Liquid Mud (2.5 SG*):	4,800 bbl	760 m ³
<small>*Max Structural Specific Gravity</small>		
Base Oil:	1,200 bbl	190 m ³
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.4 Capacity Table

Pg.3 General Arrangement

Pg.5 DP Capability Plot

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Further specifications



Machinery

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

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: 83	IMO N^o: 9666895
Year Built: 2015	Call Sign: 9V2933
Builder:	Japan Marine United Corporation
Tonnage (ITC):	3585 GT / 1076 NT

Performance*

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

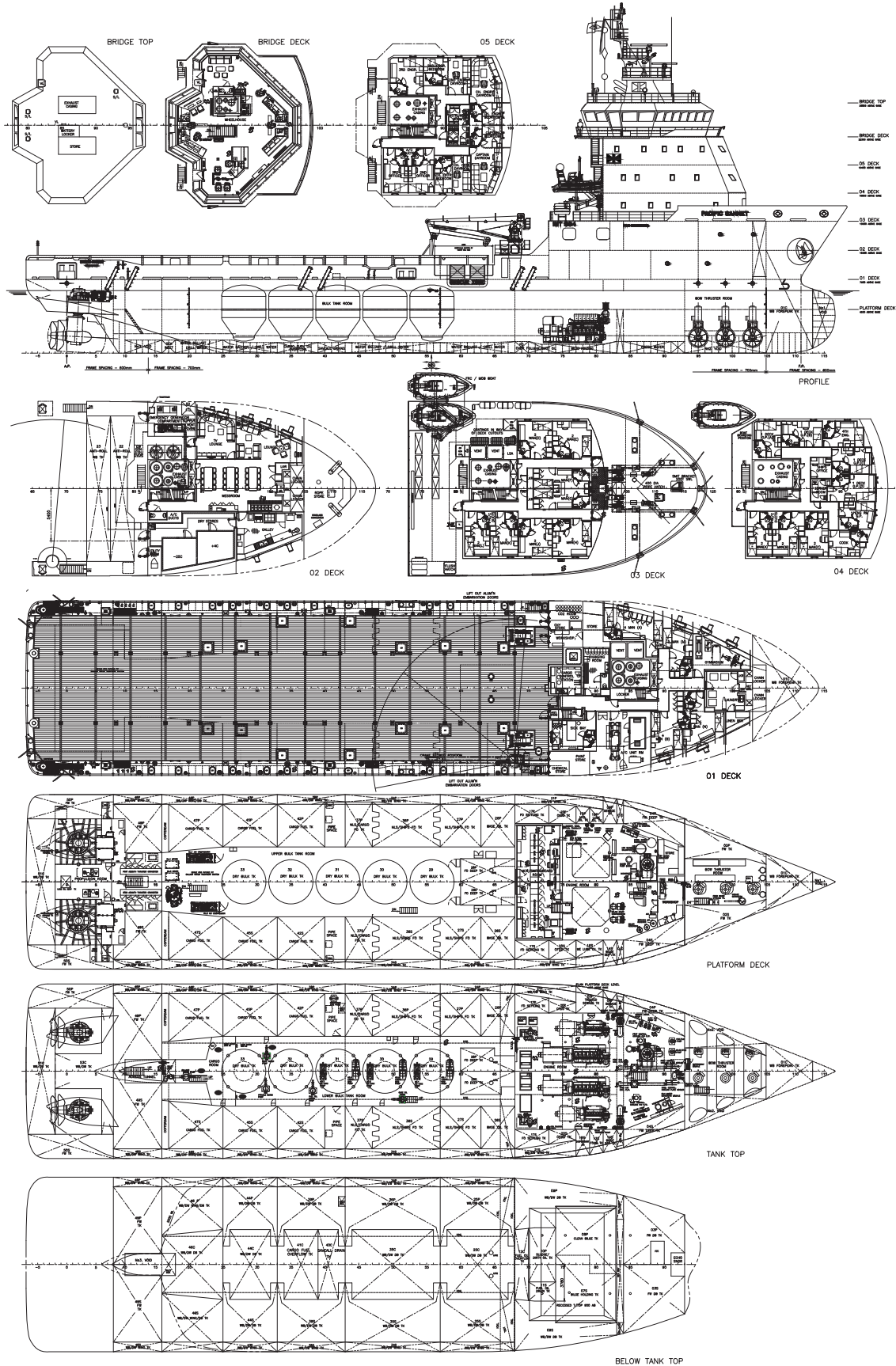
Nav/Comms Equipment

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

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
Mud Circulation System:	Yes
Rescue Zone:	Yes
Rescue Boat:	Maritime Partner MP660 Springer, 10-Man
Fuel Monitoring:	FUELTRAX
SPS Compliant:	Yes
Misc:	MSD - 55 Persons; HIPAP Ready

*Approximate values assuming Ideal Conditions





Tank	Contents	Volume m ³	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 ³]			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 ³]			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)

