



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:	3,990 lt	4,050 mt						
Clear Deck Space:	177 x 52 ft 54 x 16 r							
Clear Deck Area:	8,720 ft ²	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), Offshore service vessel(Supply), Clean, DYNPOS(AUTR), E0, OILREC,							

Capacities

•		
Deck Cargo:	1,720 lt	1,750 t
Fuel Oil:	411,000 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:	1,100 bbl	170 m ³
Oil Dispersant:	2,910 gal	11 m ³
Fire Fighting Foam:	2,620 gal	9.9 m ³

TIDEWATER

Find out more

Pg.2 Further Specifications

Pg.3 General Arrangement

tdw.com

Pg.4 Capacity Table
Pg.5 DP Capability Plot

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	OOSAN INFRAC	ORE 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	n³/day (130 gph) @ 12 knots						
Economical:	8 m	³ /day (88.1 gph) @ 10 knots						
Standby:	1.5 m³/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						

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

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

Accommodations

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

Special Equipment

Firefighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	$3 \times MRU$; $2 \times DGPS$ $1 \times Microwave-based$; $2 \times Laser-based$
Mud Circulation System:	Yes
Rescue Zone:	Yes
Rescue Boat:	Maritime Partner MP660 Springer, 10-Man
Fuel Monitoring:	GREEN PILOT
SPS Compliant:	Yes
Misc:	MSD - 55 Persons; HiPAP Ready

Registration

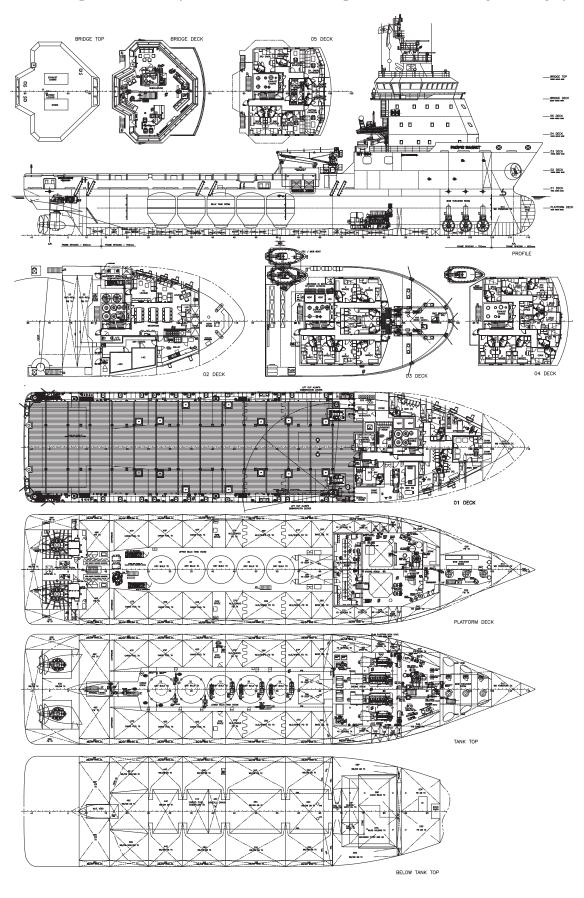
Flag: SINGAPORE	Home Port: SINGAPORE					
Hull Number: 5090	IMO N ^o : 9742871					
Year Built: 2018	Call Sign: 9VUB7					
Builder:	Japan Marine United Corporation					
Tonnage (ITC):	3585 GT 1076 NT					

*Approximate values assuming Ideal Conditions

tdw.com

General Arrangement (Current configuration may vary.)





Capacity Table



33 W. M. DWW M. C. W. W. M. C. W. M. M. C. W. M. M. C. W. M. M. M. C. W. M. M. M. C. W. M.	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.
489 WB 10W WING TK 697 WB 10W WB 167 697 WB 10W WB 167 697 WB 10W WB 167 698 WB 10W WB 175 697 WB 10W WB 175 698 WB 10W W	51C WB / DW TK	DW/WB	62.6				62.6								
488 WB JOW WING TK 690 WB JOW WB 6914 690 WB JOW WB 700 6	53C WB / DW TK	DW/WB	29.5				29.5								
Sep will pow Webs TK	48P WB / DW WING TK	DW/WB	16.7				16.7								
49F WE JOW WORD TK 60W WING TK 70W WING TK	48S WB / DW WING TK	DW/WB	16.7				16.7								
## SEW PLOW DET TK ## DOWNS ## SEW PLOW DET TK ## SEW PLOW DET TK ## SEW PLOW PLOW PLOW PLOW PLOW PLOW PLOW PLO	46P WB / DW WG/DB TK	DW/WB	69.4				69.4								
439 W I JOW WING TK 440 W I JOW B TK 550 W I JOW WING TK 550 W I JOW	46P WB / DW WG/DB TK	DW/WB	69.4				69.4								
449 WH JOW DE TK DWWNB 35.5 35.6 35.7 35.7 35.8	46C WB / DW DB TK	DW/WB	47.8				47.8								
335 WE JOW WINT TK WINNES AND WINTER WINNES ASS ASS ASS ASS ASS ASS ASS ASS ASS A	43P WB / DW WING TK	DW/WB					30.9								
445 WE JOW DET K DWWB 35.7	44P WB / DW DB TK	DW/WB	35.5				35.5								
### ### ### ### ### ### ### ### ### ##	43S WB / DW WING TK	DW/WB	30.9				30.9								
398 WB JOW WHO TK	44S WB / DW DB TK	DW/WB	35.5				35.5								
399 WE JOW DE TK DWWE 43.2 396 WE JOW DE TK DWWE 59.2 396 WE JOW DE TK DWWE 59.2 396 WE JOW DE TK DWWE 59.2 396 WE JOW DE TK DWWE 59.9 397 WE JOW DE TK DWWE 59.9 398 WE JOW DE TK DWWE 59.9 398 WE JOW DE TK DWWE 59.9 399 WE JOW DE TK DWWE 59.1 306 WE JOW DE TK DWWE 59.1 306 WE JOW DE TK DWWE 59.1 307 WE JOW DE TK DWWE 59.1 308 WE JOW DE TK DWWE	44C WB / DW DB TK	DW/WB	35.7				35.7								
38 WB 10W WING TK DWWB 40.3 395 WB 10W DB TK DWWB 59.2 395 WB 10W DB TK DWWB 59.2 395 WB 10W DB TK DWWB 64.1 385 WB 10W DB TK DWWB 59.2 385 WB 10W DB TK DWWB 64.1 385 WB 10W DB TK DWWB 59.2 385 WB 10W DB TK DWWB 59.2 385 WB 10W DB TK DWWB 59.1 386 WB 10W DB TK	38P WB / DW WING TK	DW/WB	40.3				40.3								
393 WB ID DU TR	39P WB / DW DB TK	DW/WB	43.2				43.2								
349 WE JOW WING TK DEWIND DEWIND 64.1 349 WE JOW WING DEWIND SERVE JOW DE TK SERVE JOW DE TK SERVE JOW DE TK SERVE JOW DE TK DEWIND SER	38S WB / DW WING TK	DW/WB	40.3				40.3								
135 WB DW DB TK	39S WB / DW DB TK	DW/WB	43.2				43.2								
335 WB / DW WING TK DW WB 64.1 350 WB / DW DB TR DW WB 58.9 MET COLOR OF TK DW WB 58.1 MET COLOR OF TK MET COLOR OF TK DW WB 58.1 MET COLOR OF TK ME	34P WB / DW WING TK	DW/WB	59.2				59.2								
335 WB ID WD BT K DWWB 64.1 26 WB ID WW WB 75.0 26 WB ID W WB TK DWWB 65.9 27 WB BT K DWWB 65.7 28 WB ID W BT K DWWB 65.7 29 WB ID W BT K DWWB 65.7 20 WB ID W BT K DWWB 65.0 20 WB ID W BT K DWWB 52.6 20 WB ID W BT K DWWB 52.6 21 WB ID W WB TK DWWB 52.6 22 WB ID W WB TK DWWB 52.6 22 WB ID W WB TK DWWB 52.6 23 WB ID W WB TK DWWB 64.0 25 WB IT K DWWB 64.0 25 WB IT K FW 65.6 25 WB ID W WB TK DWWB 64.0 26 WB ID W WB TK DWWB 64.0 26 WB ID W WB TK DWWB 64.0 26 WB ID WB TK DWWB 64.0 26 WB ID W WB TK DWWB 64.0 26 WB ID WB TK DWWB 65.0 26 WB ID WB TK DW 65.0 26 WB TK FW 65.0 27 WB TK FW 65.0 28 WB TK FW 75.0	35P WB / DW DB TK	DW/WB	64.1				64.1								
338 WB (DW DB TK DWWB 64.1	34S WB / DW WING TK	DW/WB	59.2				59.2								
336 WB DW NNG TK DWWB 99.9 28 WB DW NNG TK DWWB 46.7 289 WB DW DB TK DWWB 51.1 285 WB DW TK FW 25.6 285 WB DW TK FW 25.6 285 WB DW TK FW 100.5 285 WB DB TK FW 100.5 285 WB TW TK FW 100.5 2		DW/WB	64.1				64.1								
228 WB JOW DISTK	35C WB / DW DB TK														
259 WB JOW DB TK DWWB 51.1 250 WB JOW DB TK DWWB 32.6 250 WB JOW DB TK DWWB 108.0 250 WB JOW DB TK FW 109.5 250 WB JOW DB TK FW 38.7 250 WB JW															
250 MB JOW DB TK															
255 WB J DW DB TK															
245 WB JDW WING TK DW/WB															
998 WB J DW DB TK DWWNB 32.6 908 WB J DW DB TK DWWNB 53.0 908 WB J DW DB TK DWWNB 54.0 101 WB 54.0 101 WB FREPRICATE 101 WB FREPRICATE 101 WB FREPRICATE 101 WB FREPRICATE 102 WB J DW WB 54.1 105 WB J DW WB 179.3 2 ARTHROLL WB TK DWWNB 97.1 2 ARTHROLL WB TK FW 31.1 3 1.1 3															
121 WB J DW UNIG TK															
219 WB JPW WING TK DWIWB 54.0 54.0 55.0 1215 WB JPW WING TK DWIWB 54.1 55.1 179.3	· · · · · · · · · · · · · · · · · · ·		-												
215 WB J DW WING TK															
10 C WB FOREPEAK TK DW/WB 179.3 23 ANT-ROLL WB TK DW/WB 108.0 108.0 108.0 22 ANT-ROLL WB TK DW/WB 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1															
22 ANT-ROLL WB TK DW/WE 197.1 50P FW TK FW 31.1 50P FW TK FW 109.5 50F WT K FW 109.5 50F WT K FW 109.5 64P FW DEEP TK SHIP'S FW 79.0 60F FW DEEP TK SHIP'S FW 86.8 63P FW DEEP TK SHIP'S FW 86.8 64.8 64.8 64.8 64.9 65 FW DEEP TK SHIP'S FW 86.8 65 FW DEEP TK SHIP'S FW S															
22 ANT-ROLL WB TK															
50F W TK FW 25.6 50F W TK FW 109.5 50F W TK SHIP'S FW 79.0 50F W DEEP TK SHIP'S FW 86.8 50F W DEEP TK FW 34.8 50F W DE TK FW 34.4 50F W TK SHIP'S FW 84.4 50F W TK SHIP'S FW 84.4 50F W TK FW 50F W TH F															
959 FW TK FW 109.5 1							97.1								
## TK															
49S FW TK															
04F W DEEP TK SHIP'S FW 79.0 04S FW DEEP TK SHIP'S FW 86.8 03F W DB TK FW 34.8 03F W DB TK FW 34.8 03F W DB TK SHIP'S FW 84.4 02F W TK SHIP'S FW 84.4 02F F T T T T T T T T T T T T T T T T T T															
045 FW DEEP TK	49S FW TK	FW	109.5						109.5						
03P FW DB TK FW 34.8 03P FW DB TK FW 38.7 02P FW TK SHIP'S FW 84.4 28P FO DEEP TK FO 79.7 28S FO DEEP TK FO 79.7 28S FO DEEP TK FO 81.9 28S FO DEEP TK FO 41.6 28P FO SETTLING TK FO 41.6 28P FO SETTLING TK FO 41.6 28P FO SETTLING TK FO 28.6 28.6 28.6 28.6 28.6 28.6 28.6 28.6	04P FW DEEP TK		79.0					79.0							
035 FW DB TK		SHIP'S FW	86.8					86.8							
22 F W T K	03P FW DB TK	FW	34.8						34.8						
D2S FW TK SHIP'S FW 84.4 FO 79.7	03S FW DB TK	FW	38.7						38.7						
28P FO DEEP TK FO	02P FW TK	SHIP'S FW	84.4					84.4							
28S FO DEEP TK FO 81.9 FO 41.6 FO 28.6 CRAFT PC ARGO FO TK FO 28.6 CRAFT PC ARGO FO TK FO 123.2 FO ARGO FO TK FO INFO 123.2 FO ARGO FO TK FO I	02S FW TK	SHIP'S FW	84.4					84.4							
17P FO SETTLING TK FO 41.6 41.6 41.6 20P OFDS TK FO 28.6 20S OFDS TK FO 28.6 2	28P FO DEEP TK	FO	79.7		79.7										
175 FO SETTLING TK FO 41.6 205 OFDS TK FO 28.6 205 OFDS TK FO 28.6 205 OFDS TK FO 28.6 213.2 2123.2 479 CARGO FO TK FO/ORO 123.2 475 CARGO FO TK FO/ORO 123.2 475 CARGO FO TK FO/ORO 141.1 141.1 485 CARGO FO TK FO/ORO 141.1 141.1 485 CARGO FO TK FO/ORO 132.7 1	28S FO DEEP TK	FO	81.9		81.9										
20P OFDS TK FO	17P FO SETTLING TK	FO	41.6		41.6										
20S OFDS TK	17S FO SETTLING TK	FO	41.6		41.6										
47P CARGO FO TK FO/ORO 123.2	20P OFDS TK	FO	28.6		28.6										
### SCARGO FO TK	20S OFDS TK	FO	28.6		28.6										
45P CARGO FO TK	47P CARGO FO TK	FO/ORO	123.2		123.2										
4SS CARGO FO TK	47S CARGO FO TK	FO/ORO	123.2		123.2										
4SS CARGO FO TK	45P CARGO FO TK	FO/ORO	141.1		141.1										
42P CARGO FO TK	45S CARGO FO TK	FO/ORO	141.1		141.1										
### ### ##############################	42P CARGO FO TK														
27F NLS / SHIPS FO TK	42S CARGO FO TK	FO/ORO	132.7		132.7										
275 NLS / SHIPS FO TK											124.1				
369 NLS / SHIPS FO TK	27S NLS / SHIPS FO TK														
36S NLS / SHIPS FO TK															
37F NLS / CARGO FO TK															
375 NLS / CARGO FO TK															
26P BASE OIL TK BO 86.9 86.9 29 DRY BULK TK DRY BULK DRY BULK 30 DRY BULK TK DRY BULK 31 DRY BULK Total Volume [m³] 174.7 1,859.6 318.5 31.5 33.6 33.7 33.8 34.2 34.2 34.2 34.6 34.8															
26S BASE OIL TK BO 86.9 86.9 86.9 63.7 30 DRY BULK TK DRY BULK DRY BULK 63.7 32 DRY BULK TK DRY BULK DRY BULK 63.7 33 DRY BULK TK DRY BULK 63.7 33 DRY BULK TK DRY BULK 63.7 63.7 33 DRY BULK TK DRY BULK 63.7 63.7 63.7 16S ME LUBE OIL TK LO 14.1 19P LUBE OIL TK LO 6.7 13S FOAM TK FOAM 9.9 18S DISPERSANT TK DISP. 11.0 Total Volume [m³] 174.7 1,859.6 318.5 1,753.2 334.6 349.2 0.0 763.6 0.0 20.8 9.9 11.0				87.8	33.3										
29 DRY BULK TK DRY BULK DRY BULK 63.7 30 DRY BULK TK DRY BULK 63.7 63.7 31 DRY BULK TK DRY BULK 63.7 63.7 33 DRY BULK TK DRY BULK 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7	<u> </u>														
30 DRY BULK TK DRY BULK 63.7 63.7 31 DRY BULK 63.7 63.7 63.7 32 DRY BULK TK DRY BULK 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7				00.9		62.7									
31 DRY BULK TK DRY BULK 63.7 63.7 63.7 32 DRY BULK 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7															
32 DRY BULK TK DRY BULK 63.7 63.7 63.7 33 DRY BULK TK DRY BULK 63.7 63.7 63.7 63.7 63.7 63.7 63.7 63.7															
33 DRY BULK TK DRY BULK 63.7 63.7 63.7 168 ME LUBE OIL TK LO 14.1 19P LUBE OIL TK LO 6.7 6.7 13S FOAM TK FOAM 9.9 9.9 11.0 11.0 11.0 11.0 11.0 11.0 1	· · · · · · · · · · · · · · · · · · ·														
16S ME LUBE OIL TK LO 14.1 19P LUBE OIL TK LO 6.7 6.7 6.7 9.9 18S DISPERSANT TK DISP. 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1	· · · · · · · · · · · · · · · · · · ·														
19P LUBE OIL TK LO 6.7 13S FOAM TK FOAM 9.9 18S DISPERSANT TK DISP. 11.0 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.0 11.1 11.	· · · · · · · · · · · · · · · · · · ·					63.7									
13S FOAM TK															
18S DISPERSANT TK DISP. 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11	19P LUBE OIL TK												6.7		
Total Volume [m³] 174.7 1,859.6 318.5 1,753.2 334.6 349.2 0.0 763.6 0.0 20.8 9.9 11.0	13S FOAM TK													9.9	
	18S DISPERSANT TK	DISP.	11.0												11.0
		Total \	/olume [m³]	174.7	1,859.6	318.5	1,753.2	334.6	349.2	0.0	763.6	0.0	20.8	9.9	11.0
apec aneet rotal volume im 1 1/4.1 1.337.0 310.3 1.733.2 334.0 349.2 U.U 703.0 U.U 703.0 U.U 703.0								334.6	349.2	0.0	763.6	0.0	20.8	9.9	11.0

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

 $^{{}^{\}star}$ Capacities shown in GREEN are counted for multiple Tank Capacities.

DP Capability Plot



