COXON TIDE

180T BP ANCHOR HANDLING TOWING SUPPLY VESSEL

Vessel Characteristics

Length, Overall:	247.1 ft	75.3 m
Beam:	59.1 ft	18 m
Depth:	26.6 ft	8.1 m
Maximum Draft:	21.7 ft	6.6 m
Minimum Height:	97.8 ft	29.8 m
Freeboard:	4.9 ft	1.5 m
Displacement:	5,980 lt	6,080 mt
Deadweight:	3,130 lt	3,180 mt
Clear Deck Space:	114 x 49 ft	35 x 15 m
Clear Deck Area:	5,630 ft^2	520 m^2
Deck Strength AFT:	2,050 lb/ft^2	10 t/m^2
Class Notations:	ABS: +A1, TOWING VESSEL, FFV-1, OSV AH, (E), +AMS, +ACCU, +DPS-2	

Capacities

Deck Cargo:	980 lt	1,000 t
Fuel Oil:	339,000 gal	1,280 m^3
Potable Water:	95,000 gal	360 m^3
Fresh Water:	62,200 gal	240 m^3
Drill/Ballast Water:	331,000 gal	1,250 m^3
Bulk Tanks (4 tanks):	8,830 ft^3	250 m^3
Liquid Mud (2.5 SG*): *Max Structural Specific Gravity	2,730 bbl	430 m^3
Base Oil:	990 bbl	160 m^3
Brine:	990 bbl	160 m^3
Oil Dispersant:	3,220 gal	12.2 m^3
Fire Fighting Foam:	6,220 gal	23.5 m^3

TIDEWATER

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Further specifications

Machinery

Main Engines (2):			WARTSILA 12V32
Total HP:			16,100
Propellers (2):			4 BLADE CPP, 4000MM
Gears (2):			Wartsila 4.69:1 Ratio
Kort Nozzles:			2
Rudders (2):			ROLLS ROYCE HI-LIFT
Primary Generators (2):	2,240 kw	450 v	60 hz
Driven by:			MAIN ENGINES
Secondary Generators (2):	420 kw	450 v	60 hz
Driven by:			CAT C18
Emergency Generators (1):	72 kw	450 v	60 hz
Driven by:			CAT C4.4
Bow Thruster (2):			KAWASAKI KT-88B3 CPP
Driven by:			800KW ELECTRIC MOTOR
Total Thrust:		26.8 st	24.3 mt
Stern Thruster (2):			KAWASAKI KT-72B3
Driven by:			500KW ELECTRIC MOTOR
Total Thrust:		16.8 st	15.2 mt

Performance*

Fuel Consumption Vs Speed		
Maximum:	38.2 m^3/day (420 gph) @ 14 knots	
Cruising:	28.2 m^3/day (310 gph) @ 12 knots	
Economical:	21 m^3/day (230 gph) @ 10 knots	
Standby:	1.5 m^3/day (16 gph) @ 0 knots	
Range @ 12 Knots:	8,700 nm	
Bollard Pull	200 st	190 mt
Transfer Rates		
Fuel Oil:	660 gpm @ 300 ft	150 m^3/h @ 90 m
Fresh Water:	880 gpm @ 300 ft	200 m^3/h @ 90 m
Drill/Ballast Water:	880 gpm @ 300 ft	200 m^3/h @ 90 m
Bulk:	36.8 cfm @ 200 ft	62.5 m^3/h @ 60 m
Liquid Mud:	330 gpm @ 590 ft	75 m^3/h @ 180 m
Brine:	330 gpm @ 440 ft	75 m^3/h @ 130 m

Tow/Anchor Handling

Winch:	BRATTVAAG (16M/MIN)
Model:	SL350W/BSL350W (450T BRAKE)
Line Pull:	350 mt
Tow/AH Wire:	2,500 m / 2,500 m of 76 mm
Pennant Reels (2):	1,500 m of 76 mm
Shark Jaw:	2 X KARM FORK 600T
Tow Pins:	2 SETS KARM, 300T
Chain Lockers (2):	980 m of 76mm chain
Chain Handler:	1X76MM, 1X84MM
Stern Roller:	5M X 3M DIA; 500 mt SWL

Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Seeed Indicators:	2
Doppler Log:	1
Radio:	2 x VHF; 1 x SSB
Sat Com:	FLEET BROADBAND

Accommodations

No. of Berths:	30
Cabins:	14x1-man, 6x2-man & 1x4-man
Certified to Carry:	30
Galley seating:	16
Hospital:	Yes

Deck Equipment

Anchors (2):	4713lbs AC 14 HHP
Anchor Chain:	490 m of 46 mm chain per side
Windlass:	BRATTVAAG BFGX63046
Crane (1):	5 t @ 14 m
Capstans (2):	9 t BRATTVAAG CMXZZ10 (16M/MIN)
Tugger (2):	17 t BRATTVAAG LAKMX91017 (13M/MIN)

*Approximate values assuming Ideal Conditions

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Further specifications

Registration

Flag: Brazil	**Home Port:** RIO DE JANEIRO	
Hull Number: 60	**IMO N°:** 9545857	
Year Built: 2012	**Call Sign:** PU4303	
Builder:	JAPAN MARINE UNITED CORP	
Tonnage (ITC):	3667 GT	1346 NT

Special Equipment

Fire Fighting:	FiFi-1
Dynamic Positioning:	DP-2
Ref. Systems:	2 x MRU; 2 x DGPS 1 x Microwave-based; 1 x Laser-based
Water Maker:	10 T/DAY
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Zone:	Yes
Rescue Boat:	13-MAN MERLIN 615 FRC
Reefer Sockets:	4x 440V 32A
Misc:	MSD - 40 PERSONS

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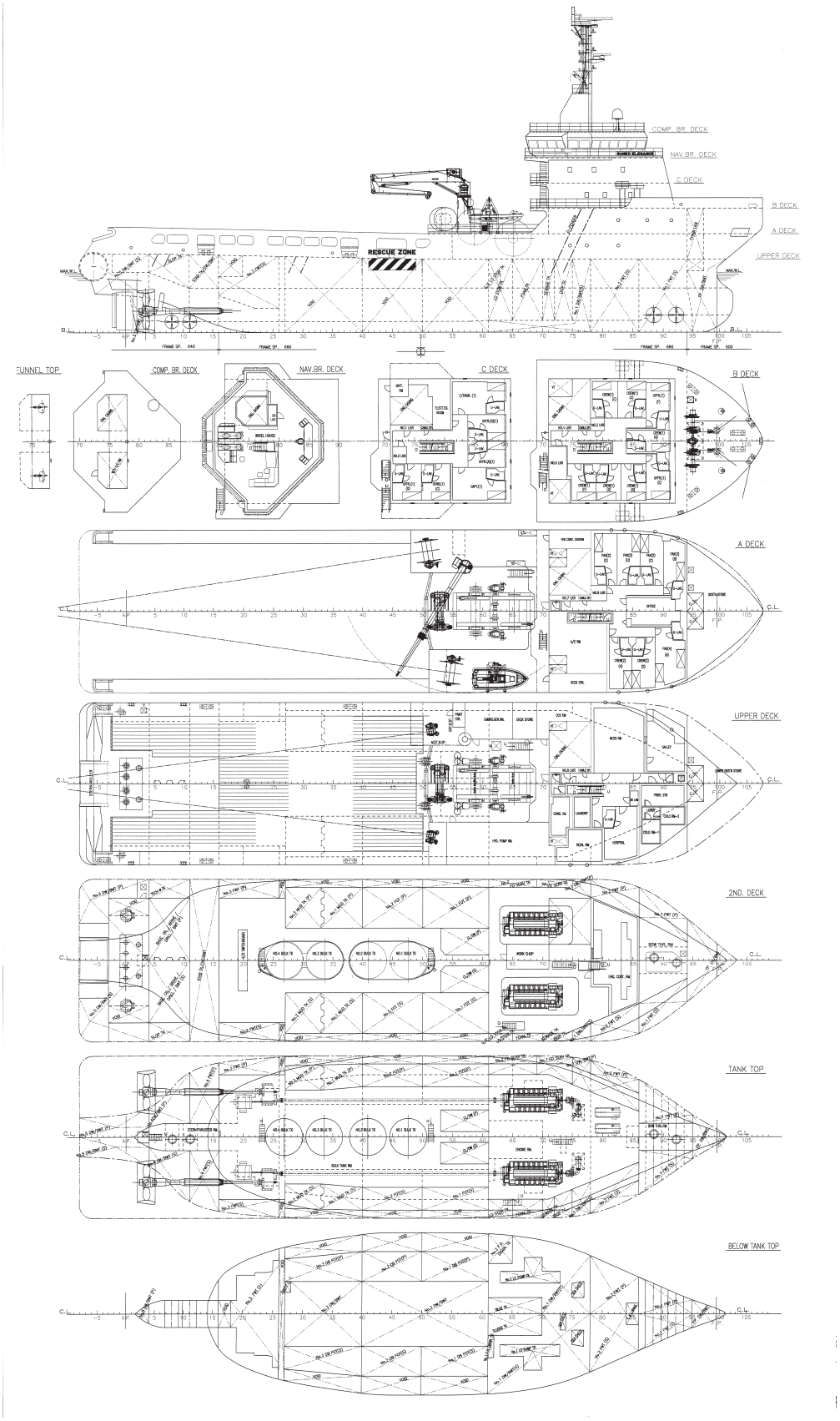
General Arrangement (Current configuration may vary.)



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Capacity Table

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.
FP DW/WB Tk C	DW/WB	82.2				82.2								
Stab Tk C	DW/WB	202.3				202.3								
No. 1 DW/WB P	DW/WB	80.3				80.3								
No. 1 DW/WB S	DW/WB	79.3				79.3								
No. 2 DW/WB C	DW/WB	117.9				117.9								
No. 3 DW/WB C	DW/WB	72.1				72.1								
No. 4 DW/WB P	DW/WB	41.2				41.2								
No. 4 DW/WB S	DW/WB	41.2				41.2								
No. 5 DW/WB P	DW/WB	89.2				89.2								
No. 5 DW/WB S	DW/WB	86.4				86.4								
Br/BO/WB P	BR/BO/WB	76.4	76.4			76.4			76.4					
Br/BO/WB S	BR/BO/WB	80.6	80.6			80.6			80.6					
No. 1 FWT P	Ship's FW	87.2					87.2							
No. 1 FWT S	Ship's FW	86.9					86.9							
No. 2 FWT P	Ship's FW	92.7					92.7							
No. 2 FWT S	Ship's FW	92.7					92.7							
No. 3 FWT P	FW	50.6						50.6						
No. 3 FWT S	FW	50.6						50.6						
No. 3 FWT C	FW	44.6						44.6						
No. 4 FWT P	FW	44.8						44.8						
No. 4 FWT S	FW	44.8						44.8						
No. 1 FO Serv P	FO	26.5		26.5										
No. 2 FO Serv P	FO	38.6		38.6										
No. 1 FO DB Overflow P	FO	28.7		28.7										
No. 1 FO DB S	FO	28.7		28.7										
No. 2 FO DB P	FO	25.7		25.7										
No. 2 FO DB S	FO	25.7		25.7										
No. 3 FO DB P	FO	29.0		29.0										
No. 3 FO DB S	FO	29.0		29.0										
No. 1 FO P	FO	183.2		183.2										
No. 1 FO S	FO	183.2		183.2										
No. 2 FO P	FO	171.5		171.5										
No. 2 FO S	FO	171.5		171.5										
No. 4 FO Tk P	FO/LM	115.7		115.7						115.7				
No. 4 FO Tk S	FO/LM	115.7		115.7						115.7				
No. 5 FO Tk P	FO/LM	101.7		101.7						101.7				
No. 5 FO Tk S	FO/LM	101.7		101.7						101.7				
Foam Tk S	FOAM	23.5											23.5	
Dispersant Tk S	DISP	12.2												12.2
ME LO Store Tk S	LO	17.7										17.7		
GE LO Store Tk S	LO	1.9										1.9		
LO Sump Tank P	LO	12.3										12.3		
LO Sump Tank S	LO	13.3										13.3		
Dry Bulk 1	Dry Bulk	62.5			62.5									
Dry Bulk 2	Dry Bulk	62.5			62.5									
Dry Bulk 3	Dry Bulk	62.5			62.5									
Dry Bulk 4	Dry Bulk	62.5			62.5									
Chain Locker P	CL/DW/WB	102.0				102.0								
Chain Locker S	CL/DW/WB	102.0				102.0								
Total Volume [m^3]			157.0	1,376.1	250.0	1,253.1	359.5	235.3	157.0	434.8	0.0	45.2	23.5	12.2
Spec Sheet Total Volume [m^3]			157.0	1,282.3	250.0	1,253.1	359.5	235.3	157.0	434.8	0.0	45.2	23.5	12.2

***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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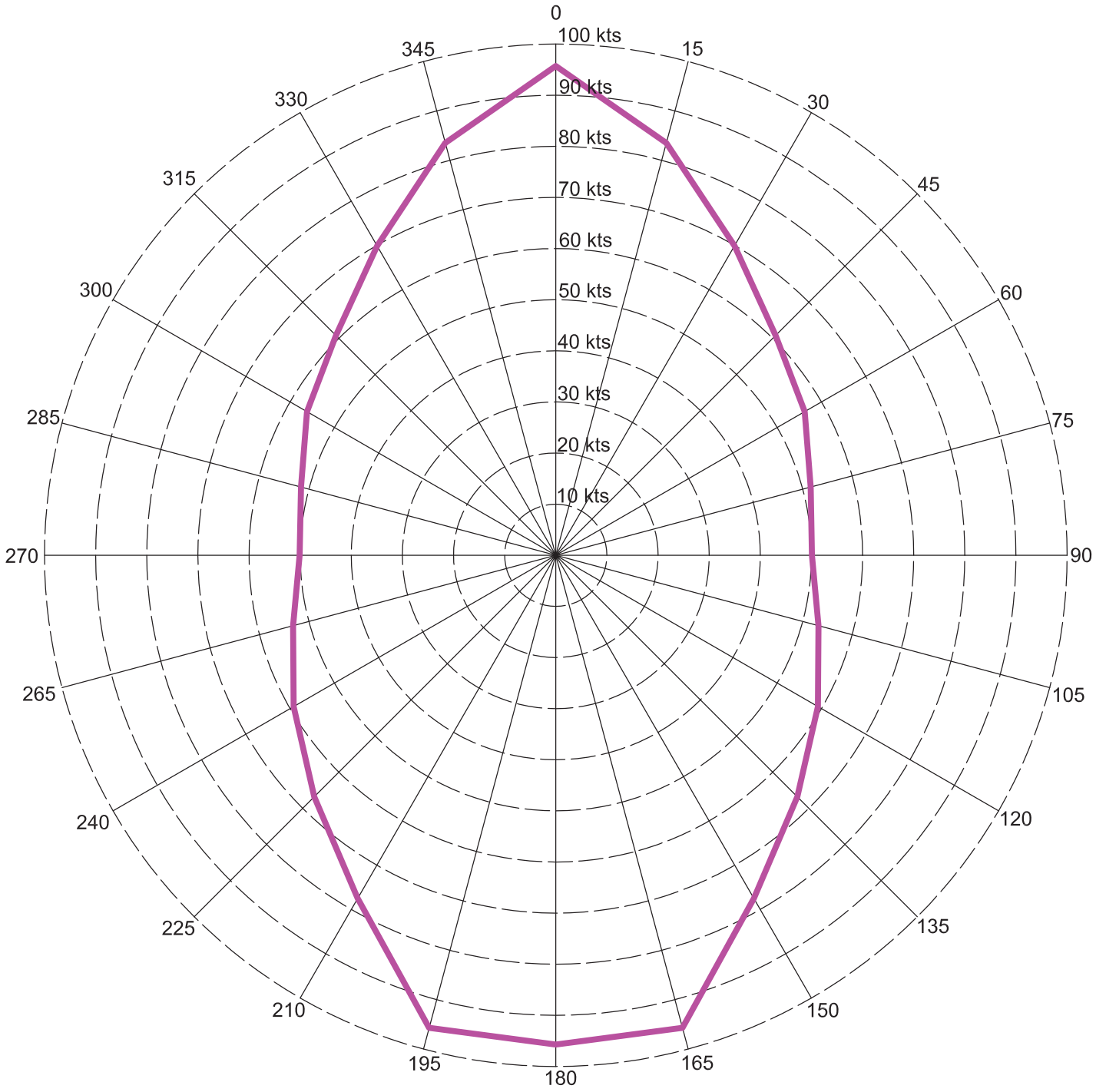
DP Capability Plot

Varying Wind. All thruster, All Propellers, All Rudders.
1.5 knot stepped current.



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