



Vessel Characteristics

Length, Overall:	303.8 ft	92.6 m			
Beam:	63 ft	19.2 m			
Depth:	27.9 ft	8.5 m			
Maximum Draft:	22.8 ft	7 m			
Light Draft:	11.5 ft	3.5 m			
Minimum Height:	98.8 ft	30.1 m			
Freeboard:	5.1 ft	1.6 m			
Displacement:	8,250 lt	8,380 mt			
Deadweight:	4,910 lt	4,990 mt			
Clear Deck Space:	213 x 53 ft	65 x 16 m			
Clear Deck Area:	11,300 ft ²	1,050 m ²			
Deck Strength AFT:	2,050 lb/ft²	10 t/m²			
Class Notations:	DNV: +1A1, Clean(Design), COMF(C-3, V-3), DK(+), DYN-POS(AUTR), E0, HL(2.8), Ice(1B), LFL(*), NAUT(OSV(A)), OILREC, SF, SPS, Winterized(Basic)				

Capacities

Deck Cargo:	2,170 lt	2,200 t
Fuel Oil:	283,000 gal	1,070 m ³
Potable Water:	31,300 gal	120 m ³
Fresh Water:	289,000 gal	1,090 m³
Drill/Ballast Water:	442,000 gal	1,670 m³
Bulk Tanks (6 tanks):	12,900 ft³	370 m ³
Liquid Mud (2.8 SG*): *Max Structural Specific Gravity	5,290 bbl	840 m ³
Methanol:	2,080 bbl	330 m ³
Base Oil:	3,370 bbl	540 m³
Brine:	2,280 bbl	360 m ³

TIDEWATER

Find out more

Pg.2 Further Specifications Pg.3 General Arrangement

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Pg.4 Capacity Table Pg.5 DP Capability Plot

Further specifications



Machinery

Diesel Electric Hybrid Vessel		1,360) kWh Battery			
Propulsive/Total HP:	7,070 / 11,500					
Z-Drives:	Yes					
Propellers (2):	SP 35 CRP 2600KW					
Primary Generators (3):	2,810 kw	690 v	60 hz			
Driven by:	WARTSILA W9L26					
Secondary Generators (1):	550 kw	690 v	60 hz			
Driven by:	SCANIA GASI 16-05					
Emergency Generators (1):	120 kw	690 v	60 hz			
Driven by:	NORDHAVN GASI 8					
Bow Thruster (3):	2X FU80LTC2250 TT; 1X AR63LNC1650 DD					
Driven by:	2x 1100K	2x 1100KW & 1x 883KW Electric Motors				
Total Thrust:		51.7 st 47 mt				

Deck Equipment

Anchors (2):	4,050 KG SPEK TYPE
Anchor Chain:	260 m of 50 mm chain per side
Windlass:	2x NDM AW50-50K3
Crane (2):	3 t @ 15 m
Tugger (2):	15 t NDM TW15-1D

Accommodations

No. of Berths:	40
Cabins:	14x1-man & 13x2-man
Certified to Carry:	40
Galley seating:	18
Hospital:	Yes

Registration

Flag: NORWAY	Home Port: SANDNES					
Hull Number: 129	IMO N^o: 9643465					
Year Built: 2013	Call Sign: LDAD					
Builder:	SIMEK A/S					
Tonnage (ITC):	4513 GT 1645 NT					

Performance*

Fuel Consumption Vs Speed						
Maximum:	27 m³/day (300 gph) @ 16.5 knots					
Cruising:	14 m³/day (150 gph) @ 12.5 knots					
Economical:	12.5 m³/day (140 gph) @ 11 knots					
Standby:	2 m³/day (22 gph) @ 0 knots					
Range @ 12.5 Knots:	22,900 nm					
Transfer Rates						
Fuel Oil:	1,100 gpm @ 300 ft	250 m³/h @ 92 m				
Fresh Water:	1,100 gpm @ 300 ft	250 m³/h @ 92 m				
Drill/Ballast Water:	1,100 gpm @ 300 ft	250 m³/h @ 92 m				
Bulk:	35.8 cfm @ 190 ft	61 m³/h @ 57 m				
Liquid Mud:	440 gpm @ 800 ft	100 m³/h @ 240 m				
Base Oil:	330 gpm @ 300 ft	75 m³/h @ 92 m				
Brine:	440 gpm @ 800 ft	100 m³/h @ 240 m				
Methanol:	330 gpm @ 300 ft	75 m³/h @ 92 m				

Nav/Comms Equipment

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Wind Speed Indicators:	2
Doppler Log:	1
Radio:	4 x VHF; 2 x SSB
Sat Com:	INMARSAT C

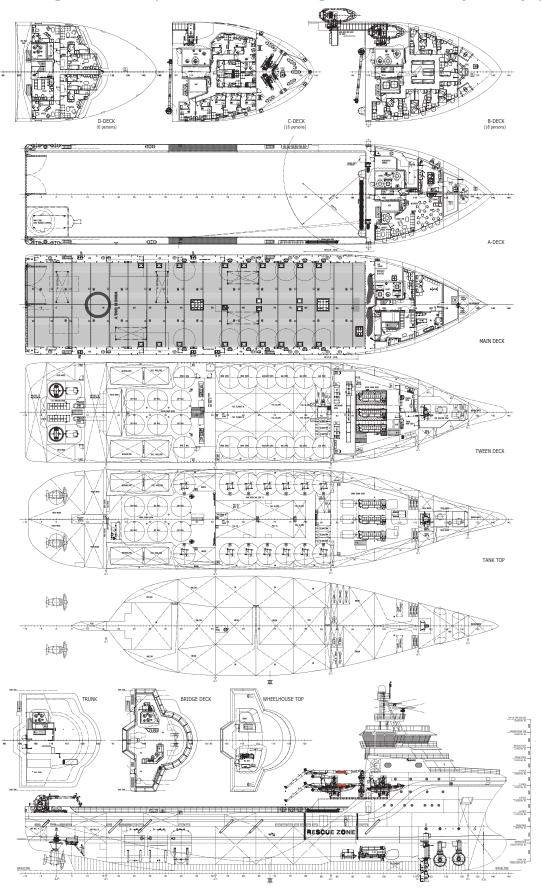
Special Equipment

Dynamic Positioning:	DP-2
Ref. Systems:	$3 \times MRU$; $2 \times DGPS$ $1 \times Microwave-based$; $1 \times Laser-based$
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Zone:	Yes
Rescue Boat:	Maritime Partner AS700 MK TWIN 10M FRC
Reefer Sockets:	15x 230V 32A; 18x 230V 16A
SPS Compliant:	Yes
Misc:	SHOREPOWER CONNECTION: 2 x 350A; ERN 99.99.99.99; ORO CAPACITY: 1962.8 m3; NOFO SOCKETS: 6x 230V 16A, 2x 230V 32A; MSD - 41 PERSONS; ICE & OIL SPILL RADAR; DACON SCOOP

*Approximate values assuming Ideal Conditions

General Arrangement (Current configuration may vary.)





Capacity Table



100C FOREPEAK TK 301P WB/DW DB TK PS 301S WB/DW DB TK SB 330C WB/DW ANTI-ROLL 1 401C WB/DW DB TK C 402C WB/DW DB TK C 420P DW DB/WING TK PS 421P DW DB/WING TK SB 421P DW DB/WING TK SB 421P DW DB/WING TK SB 422P DW DB/WING TK SB 422P DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK SB 500F FW WING TK SB 500F FW WING TK SB 500F FW WING TK SB 510P FW WING TK SB 500F FW WING TK SB 510P F	DW/WB FW FW FW FW FW Ship's FW F	m³ 144.1 68.8 65.2 101.6 58.1 60.0 113.5 113.5 109.8 115.1 116.8 97.4 71.9 69.6 178.6 50.6 45.0 143.6 140.9				144.1 68.8 65.2 101.6 58.1 60.0 113.5 113.5 109.8 115.1 116.8 118.6								
3015 WB/DW DB TK SB 330C WB/DW ANTI-ROLL 1 401C WB/DW DB TK C 420P DW DB/WING TK C 420P DW DB/WING TK PS 420S DW DB/WING TK SB 421P DW DB/WING TK SB 421P DW DB/WING TK SB 422P DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB/WING TK SB 501S WB/W DB/WING TK SB 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 20SP FW WING TK SB 310P FW WING TK SB 310P FW DB/WING TK SB 310P FW DB/WING TK SB 310P FW DB/WING TK SB 310S FW DB/WING TK SB 310S FW WING TK SB 560C FW TANK C 601P FW DB/WING TK SB 601F FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK SB 610S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK SB 410P FO 1 TK SB 410P FO 1 TK SB 411P FO 2 TK SB 412P FO 3 TK SB 610 D VERFLOW TK 610 DAY TK 1	DW/WB TW/WB DW/WB DW/WB DW/WB DW/WB DW/WB SW/WB DW/WB SW/WB SW/WB SW/WB FW	65.2 101.6 58.1 60.0 113.5 113.5 109.8 115.1 116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6				65.2 101.6 58.1 60.0 113.5 113.5 109.8 115.1 116.8								
330C WB/DW ANTI-ROLL 1 401C WB/DW DB TK C 402C WB/DW DB TK C 420P DW DB/WING TK PS 420S DW DB/WING TK PS 420S DW DB/WING TK PS 421S DW DB/WING TK PS 421S DW DB/WING TK PS 421S DW DB/WING TK PS 422S DW DB/WING TK PS 422S DW DB/WING TK PS 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 500S FW WING TK PS 205S FW WING TK PS 300F FW WING TK PS 300F FW WING TK PS 310S FW WING TK PS 310S FW WING TK PS 601S FW WING TK PS 601S FW WING TK PS 610S FW WING TK PS 611S FW TANK PS 601S FW TANK SB 605C FW ATHI-ROLL 2 610P FW DB TK PS 611S FW TANK SB 410P FO 1 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK PS 610 DAY TK 1	DW/WB FW FW FW FW Ship's FW FW	101.6 58.1 60.0 113.5 113.5 109.8 115.1 116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0				101.6 58.1 60.0 113.5 113.5 109.8 115.1 116.8								
401C WB/DW DB TK C 402C WB/DW DB TK C 420P DW DB/WING TK PS 420S DW DB/WING TK SB 421P DW DB/WING TK SB 421P DW DB/WING TK SB 422P DW DB/WING TK SB 422P DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK SB 300F FW BD/WING TK SB 300F FW DB/WING TK SB 310P FW WING TK SB 310P FW WING TK SB 310P FW WING TK SB 601S FW DB/WING TK SB 601S FW TANK C 601P FW TANK C 601P FW TANK SB 601S FW TANK SB	DW/WB FW FW FW FW FW Ship's FW FW FW FW FW FW	58.1 60.0 113.5 113.5 109.8 115.1 116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0				58.1 60.0 113.5 113.5 109.8 115.1 116.8								
402C WB/DW DB TK C 420P DW DB/WING TK PS 420S DW DB/WING TK PS 421P DW DB/WING TK PS 421P DW DB/WING TK PS 421S DW DB/WING TK PS 422S DW DB/WING TK PS 422S DW DB/WING TK PS 422S DW DB/WING TK PS 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW ANTI-ROLL 3 205P FW WING TK PS 300F FW WING TK PS 300F FW DB/WING TK PS 300F FW DB/WING TK PS 310F FW WING TK PS 510S FW WING TK PS 510F FW WING TK PS 510F FW WING TK PS 510F FW DB/WING TK PS 510F FW TANK C 510F FW TANK C 510F FW TANK PS 510F FW TANK SB 510F FW TANK SB 510F FW TANK SB 510F FW DB TK PS 510F FW DB TK PS 510F FW DB TK SB 510F FW TANK SB 510F FW T	DW/WB FW FW FW FW FW Ship's FW FW FW FW FW FW	60.0 113.5 113.5 119.8 115.1 116.8 118.6 97.4 71.9 69.6 69.6 178.6 9.6 178.6				60.0 113.5 113.5 109.8 115.1 116.8								
420P DW DB/WING TK PS 420S DW DB/WING TK SB 421P DW DB/WING TK SB 421B DW DB/WING TK SB 421B DW DB/WING TK SB 422P DW DB/WING TK SB 422P DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK SB 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK SB 300P FW DB/WING TK SB 300P FW DB/WING TK SB 310P FW WING TK SB 310P FW WING TK SB 310P FW WING TK SB 560C FW TANK C 601P FW DB TK SB 605C FW TANK C 601P FW DB TK SB 605C FW TANK SB 605C FW TANK SB 605C FW TANK SB 605C FW TANK SB 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK SB 412P FO 3 TK SB 412P FO 3 TK SB 610 OVERFLOW TK 610 DAY TK 1	DW/WB FW FW FW FW Ship's FW FW FW FW FW FW	113.5 113.5 109.8 115.1 1116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0				113.5 113.5 109.8 115.1 116.8								
420S DW DB/WING TK SB 421P DW DB/WING TK PS 421S DW DB/WING TK PS 422S DW DB/WING TK PS 422S DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 50C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK SB 300P FW DB/WING TK PS 300S FW DB/WING TK PS 310S FW WING TK PS 310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW ANTI-ROLL 2 610P FW DB TK PS 610S FW ANTI-ROLL 2 610P FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 610 DAY TK 1	DW/WB FW FW FW FW Ship's FW FW FW FW FW	113.5 109.8 115.1 116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0				113.5 109.8 115.1 116.8								
421P DW DB/WING TK PS 421S DW DB/WING TK SB 422P DW DB/WING TK SB 422P DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 205S FW WING TK PS 205S FW WING TK PS 205S FW WING TK PS 300F FW DB/WING TK PS 300F FW DB/WING TK PS 310F FW WING TK PS 310F FW WING TK PS 310F FW WING TK PS 601F FW TANK C 601F FW TANK C 601F FW TANK C 601F FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410F FO 2 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412F FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB FW FW FW FW Ship's FW FW FW FW	109.8 115.1 116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0				109.8 115.1 116.8								
421S DW DB/WING TK SB 422P DW DB/WING TK PS 422S DW DB/WING TK PS 422S DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK SB 300P FW DB/WING TK PS 300S FW DB/WING TK PS 310S FW WING TK PS 310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 410P FO 1 TK PS 410P FO 1 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK PS 412S FO 3 TK PS 412S FO 3 TK PS 415 FO 2 TK SB 410P FO 1 TK PS 415 FO 3 TK PS 415 FO 2 TK SB 417 FO DAY TK 1	DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB FW FW FW FW FW Ship's FW FW FW	115.1 116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0				115.1 116.8								1
422P DW DB/WING TK PS 422S DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK PS 300S FW DB/WING TK PS 310S FW DB/WING TK PS 310S FW WING TK SB 310P FW WING TK SB 560C FW TANK C 601P FW WING TK SB 605C FW TANK C 610P FW DB T ANK SB 605C FW TANK SB 605C FW TANK SB 605C FW TANK SB 410P FO 1 TK PS 410S FO 1 TK PS 411S FO 2 TK PS 411S FO 2 TK PS 412P FO 3 TK PS 412F FO 3 TK PS 412F FO 3 TK PS 412F FO 3 TK PS 415F O OVERFLOW TK FO DAY TK 1	DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB FW FW FW FW Ship's FW FW FW	116.8 118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0				116.8								
422S DW DB/WING TK SB 501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 2055 FW WING TK SB 300F FW WING TK SB 300F FW DB/WING TK SB 310P FW WING TK SB 310F FW WING TK SB 510F FW WING TK SB 601F FW TANK C 601P FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK SB 410P FO 1 TK SB 410P FO 1 TK SB 411P FO 2 TK SB 412P FO 3 TK SB 412P FO 3 TK SB 612 FW TANK SB 613 FW TANK SB 6142F FO 3 TK SB 615 FW TANK SB 615 FW TANK SB 610 FW TANK SB	DW/WB DW/WB DW/WB DW/WB DW/WB DW/WB FW FW FW FW Ship's FW FW FW	118.6 97.4 71.9 69.6 69.6 178.6 50.6 45.0												
501C DW DB TANK 500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK PS 205S FW WING TK PS 300F FW DB/WING TK PS 300F FW DB/WING TK PS 310F FW WING TK PS 310F FW WING TK PS 310F FW WING TK PS 601F FW TANK PS 601F	DW/WB DW/WB DW/WB DW/WB DW/WB FW FW FW FW Ship's FW FW FW	97.4 71.9 69.6 69.6 178.6 50.6 45.0												
500C WB/DW DB TK C 510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK PS 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK SB 300P FW DB/WING TK PS 300S FW DB/WING TK SB 310P FW WING TK SB 310P FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK SB 411P FO 2 TK SB 412P FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	DW/WB DW/WB DW/WB DW/WB FW FW FW FW Ship's FW FW FW	71.9 69.6 69.6 178.6 50.6 45.0												
510P WB/DW DB/WING TK PS 510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205P FW WING TK PS 205P FW WING TK PS 300P FW DB/WING TK PS 300P FW DB/WING TK PS 310P FW WING TK PS 310P FW WING TK PS 510P FW WING TK PS 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 601S FW TANK SB 610S FW AWN SB 610F FW DB TK PS 610F FW DB TK SB 410P FO 1 TK PS 411S FO 1 TK SB 411P FO 2 TK SB 412P FO 3 TK SB 412P FO 3 TK SB 610 CVERFLOW TK FO DAY TK 1	DW/WB DW/WB DW/WB FW FW FW FW Ship's FW FW FW	69.6 69.6 178.6 50.6 45.0 143.6				97.4								
510S WB/DW DB/WING TK SB 620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK SB 300P FW DB/WING TK SB 300P FW DB/WING TK SB 310P FW WING TK SB 310P FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK SB 411P FO 2 TK SB 412P FO 3 TK SB 412P FO 3 TK SB 610 OVERFLOW TK FO DAY TK 1	DW/WB DW/WB FW FW FW FW Ship's FW Ship's FW FW	69.6 178.6 50.6 45.0 143.6				71.9								
620C WB/DW ANTI-ROLL 3 205P FW WING TK PS 205S FW WING TK SB 300P FW DB/WING TK SB 300S FW DB/WING TK SB 310S FW WING TK SB 310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK SB 412P FO 3 TK SB 412P FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	DW/WB FW FW FW Ship's FW Ship's FW FW	178.6 50.6 45.0 143.6				69.6								
205P FW WING TK PS 205S FW WING TK SB 300P FW DB/WING TK PS 300S FW DB/WING TK SB 310P FW WING TK PS 310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW FW FW Ship's FW Ship's FW FW	50.6 45.0 143.6				69.6 178.6								
2055 FW WING TK SB 300P FW DB/WING TK PS 300S FW DB/WING TK SB 310P FW WING TK PS 310P FW WING TK PS 310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW FW Ship's FW Ship's FW FW	45.0 143.6				170.0		50.6						
300P FW DB/WING TK PS 300S FW DB/WING TK SB 310P FW WING TK PS 310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK SB 411P FO 2 TK SB 412P FO 3 TK SB 412P FO 3 TK SB 610 FW	FW FW Ship's FW Ship's FW FW	143.6						45.0						
300S FW DB/WING TK SB 310P FW WING TK PS 310S FW WING TK SB 560C FW TANK C 601P FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW Ship's FW Ship's FW FW													
310P FW WING TK PS 310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 412P FO 3 TK PS 412P FO 3 TK PS 412P FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	Ship's FW Ship's FW FW	140.9						143.6 140.9						
310S FW WING TK SB 560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	Ship's FW FW	50.5					50.5	140.5						
560C FW TANK C 601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW	67.9					67.9							
601P FW TANK PS 601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1		84.7					67.9	84.7						
601S FW TANK SB 605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK SB 411P FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1 FO DAY TK 2		63.0						63.0						
605C FW ANTI-ROLL 2 610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW	63.0						63.0						
610P FW DB TK PS 610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW	246.2						246.2						
610S FW DB TK SB 410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 4119 FO 2 TK SB 4119 FO 3 TK PS 412P FO 3 TK PS 412P FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW	120.3						120.3						
410P FO 1 TK PS 410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FW	137.7						137.7						
410S FO 1 TK SB 411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FO/ORO	97.5		97.5				10717						
411P FO 2 TK PS 411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1	FO/ORO	97.5		97.5										
411S FO 2 TK SB 412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1 FO DAY TK 2	FO/ORO	209.8		209.8										
412P FO 3 TK PS 412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1 FO DAY TK 2	FO/ORO	209.8		209.8										
412S FO 3 TK SB FO OVERFLOW TK FO DAY TK 1 FO DAY TK 2	FO/BO	224.6	224.6	224.6										
FO OVERFLOW TK FO DAY TK 1 FO DAY TK 2	FO/BO	212.2	212.2	212.2										
FO DAY TK 2	FO	29.1		29.1										
	FO	22.6		22.6										
FO SETTLING TK	FO	24.9		24.9										
	FO	18.4		18.4										
FO DAY TK 3	FO	24.2		24.2										
520P BASE OIL TK PS	ВО	49.3	49.3											
520S BASE OIL TK SB	ВО	49.3	49.3											
431P MUD TK 1 PS	LM/ORO	72.1								72.1				
431S MUD TK 1 SB	LM/ORO	72.1								72.1				
432P MUD TK 2 PS	LM/ORO	83.9								83.9				
432S MUD TK 2 SB	LM/ORO	83.9								83.9				
433P MUD TK 3 PS	LM/ORO	87.7								87.7				
433S MUD TK 3 SB	LM/ORO	87.7								87.7				
434P MUD TK 4 PS	LM/ORO	88.5								88.5				
434S MUD TK 4 SB	LM/ORO	88.5								88.5				
435P MUD TK 5 PS LI	.M/ORO/SLOP	88.5								88.5				
	.M/ORO/SLOP	88.5								88.5				
436P BRINE TK 1 PS	BR/ORO	88.5							88.5					
436S BRINE TK 1 SB	BR/ORO	88.5							88.5					
530P BRINE TK 2 PS	BR	92.6							92.6					
530S BRINE TK 2 SB	BR	92.6							92.6					
	METH/ORO/SP	83.8									83.8			
	IETH/ORO/SP	83.8									83.8			
	METH/ORO	81.3									81.3			
	METH/ORO	81.3			EQ. 4						81.3			
	DRY BULK	59.4			59.4									
	DRY BULK	59.3			59.3									
	DRY BULK	61.6 61.6			61.6 61.6									
		61.6												
	DRY BULK				61.6									
211C LO BOW THRUSTERS	LO LO	61.6 3.9			61.6							3.9		
349S LO HARBOR GEN	LO	1.0										1.0		
445P LO MAIN ENGINES	LO	1.0										1.0		
445P LO MAIN ENGINES 446P LO MAIN ENGINES	LO	13.4										10.7		
611P LO PROP THRUSTERS	LO	7.3										7.3		
OTTE EN FROP INNOSIERS	-0	1.3										7.3		
		lumo rm ³ 1	E05.0	1 170 F	36F 2									
	Total Va	ranne [m] I	40 S.M. 7			1 672 2	119.4	1.005.0	362.2	8/14 2	330.4	36.2	0.0	0.0
*Capacities shown are for lead vess	Total Vo							1,095.0 1,095.0		841.2 841.2	330.1 330.1	36.2 36.2	0.0	0.0

^{*}Capacities shown are for lead vessel. Actual capacities may vary sligh
*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.

DP Capability Plot





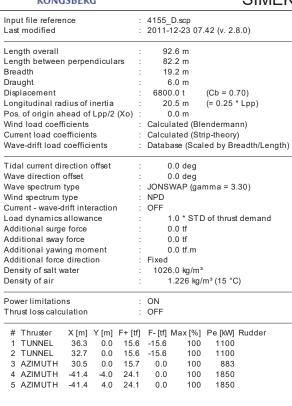
DP Capability Plot SIMEK BN129

Case number

Optimum use of all thrusters Case description T1-T5

Thrusters active

Rudders active



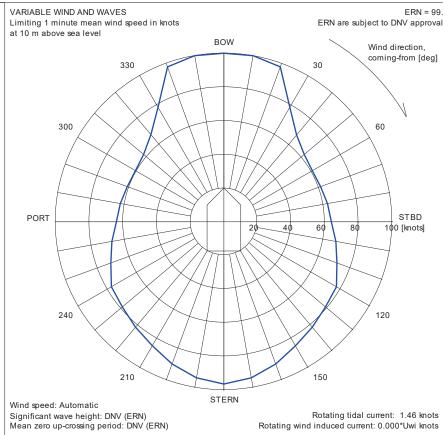


Figure 10: DP capability envelope for case 1.