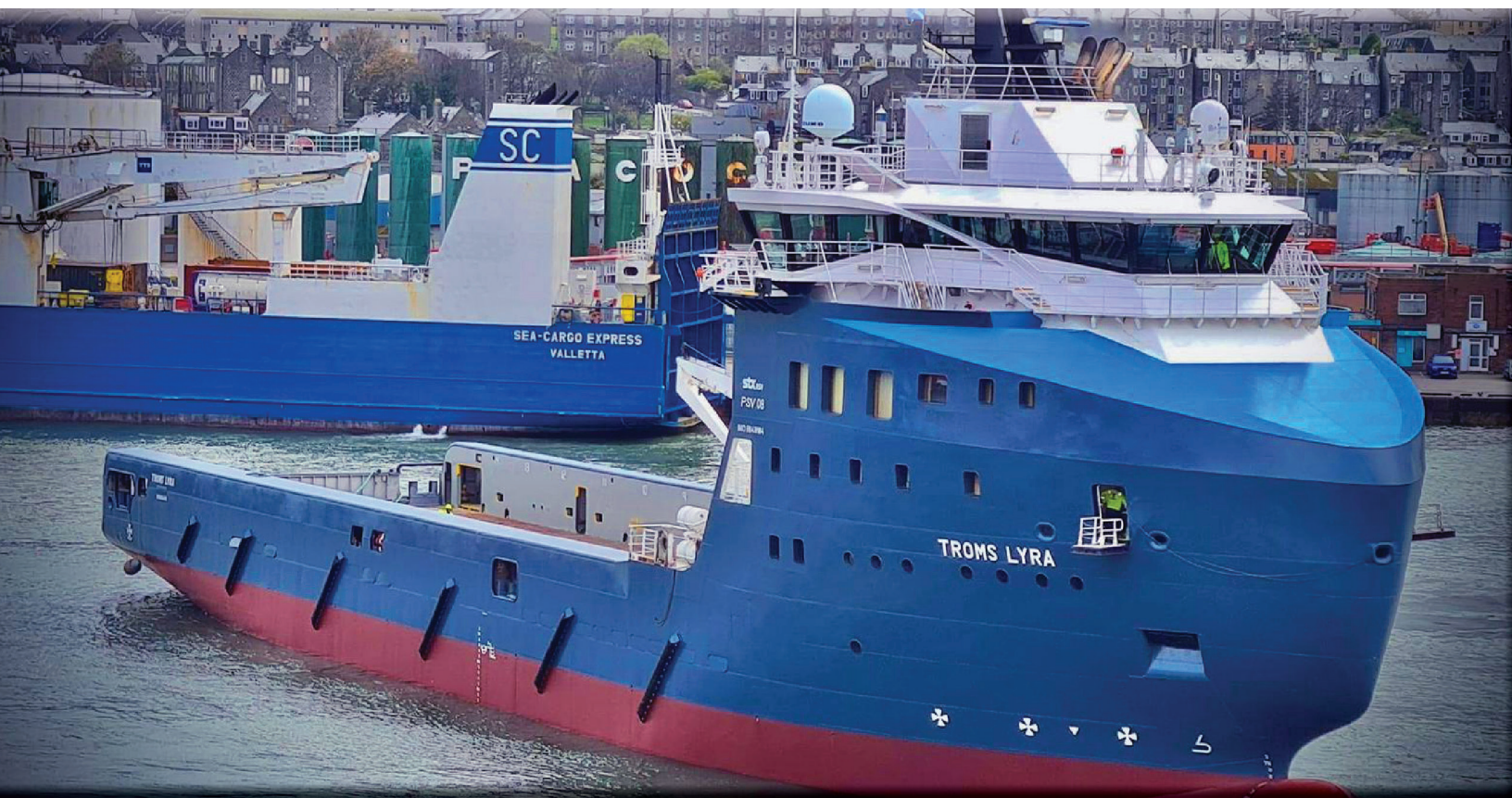


# TROMS LYRA



## PSV 08 CD PLATFORM SUPPLY VESSEL

### Vessel Characteristics

Length, Overall:	268 ft	81.7 m
Beam:	59.1 ft	18 m
Depth:	25.6 ft	7.8 m
Maximum Draft:	21.3 ft	6.5 m
Light Draft:	10.5 ft	3.2 m
Minimum Height:	88.9 ft	27.1 m
Freeboard:	4.3 ft	1.3 m
Displacement:	6,340 lt	6,440 mt
Deadweight:	3,830 lt	3,890 mt
Clear Deck Space:	190 x 49 ft	58 x 15 m
Clear Deck Area:	9,310 ft <sup>2</sup>	860 m <sup>2</sup>
Deck Strength FWD:	1,024 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, CLEAN(DESIGN), COMF(V-3), DK(+), DYNPOS(AUTR), EO, HL(2.8), LFL(*), NAUT(OSV(A)), SF	

### Capacities

Deck Cargo:	1,870 lt	1,900 t
Fuel Oil:	253,000 gal	960 m <sup>3</sup>
Potable Water:	36,000 gal	140 m <sup>3</sup>
Fresh Water:	173,000 gal	660 m <sup>3</sup>
Drill/Ballast Water:	353,000 gal	1,340 m <sup>3</sup>
Bulk Tanks (4 tanks):	8,860 ft <sup>3</sup>	250 m <sup>3</sup>
Liquid Mud (2.8 SG*):	8,430 bbl	1,340 m <sup>3</sup>
*Max Structural Specific Gravity		
Methanol:	630 bbl	99.8 m <sup>3</sup>
Base Oil:	1,970 bbl	310 m <sup>3</sup>
Fire Fighting Foam:	480 gal	1.8 m <sup>3</sup>

## TIDEWATER

Find out more

[tdw.com](http://tdw.com)

Pg.2 Further Specifications  
Pg.3 General Arrangement

Pg.4 Capacity Table  
Pg.5 DP Capability Plot

**NOTICE:** The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

LAST UPDATE: 11/21/2023

# TROMS LYRA

## Further specifications



### Machinery

Diesel Electric Vessel			
Propulsive/Total HP:	5,150 / 7,180		
Z-Drives:	Yes		
Propellers (2):	Steerprop SP-25 CRP 1900KW EA		
Primary Generators (3):	1,700 kw	690 v	60 hz
Driven by:	Caterpillar 3512C		
Secondary Generators (1):	500 kw	690 v	60 hz
Driven by:	Caterpillar C18		
Emergency Generators (1):	160 kw	690 v	60 hz
Driven by:	Caterpillar C6.6		
Bow Thruster (3):	Brunvoll FU-74-LTC-2000		
Driven by:	880kW Electric Motor		
Total Thrust:	44.2 st	40.1 mt	

### Deck Equipment

Anchors (2):	3300KG STOCKLESS BOWER
Anchor Chain:	250 m of 45.7 mm chain per side
Windlass:	NDM AW 46-k3
Crane (1):	3 t @ 12 m
Aux. Crane (1):	3 t @ 11.9 m
Capstans (2):	10 t NDM
Tugger (2):	10 t NDM-TW1MD

### Accommodations

No. of Berths:	24
Cabins:	12x1-man & 6x2-man
Certified to Carry:	24
Galley seating:	15
Hospital:	Yes

### Registration

Flag: ISLE OF MAN	Home Port: DOUGLAS
Hull Number: 756	IMO N <sup>o</sup> : 9649184
Year Built: 2013	Call Sign: 2ILO2
Builder:	STX BREVIK
Tonnage (ITC):	3409 GT 1418 NT

### Performance\*

Fuel Consumption Vs Speed		
Maximum:	20.7 m³/day (230 gph) @ 15.5 knots	
Cruising:	10.5 m³/day (120 gph) @ 11 knots	
Economical:	6 m³/day (66 gph) @ 10 knots	
Standby:	2.5 m³/day (27.5 gph) @ 0 knots	
Range @ 11 Knots:	29,700 nm	
Transfer Rates		
Fuel Oil:	660 gpm @ 300 ft	150 m³/h @ 92 m
Fresh Water:	660 gpm @ 330 ft	150 m³/h @ 100 m
Drill/Ballast Water:	660 gpm @ 300 ft	150 m³/h @ 92 m
Bulk:	37 cfm @ 190 ft	62.8 m³/h @ 57 m
Liquid Mud:	440 gpm @ 840 ft	100 m³/h @ 250 m
Base Oil:	440 gpm @ 300 ft	100 m³/h @ 92 m
Brine:	440 gpm @ 730 ft	100 m³/h @ 220 m
Methanol:	330 gpm @ 300 ft	75 m³/h @ 92 m

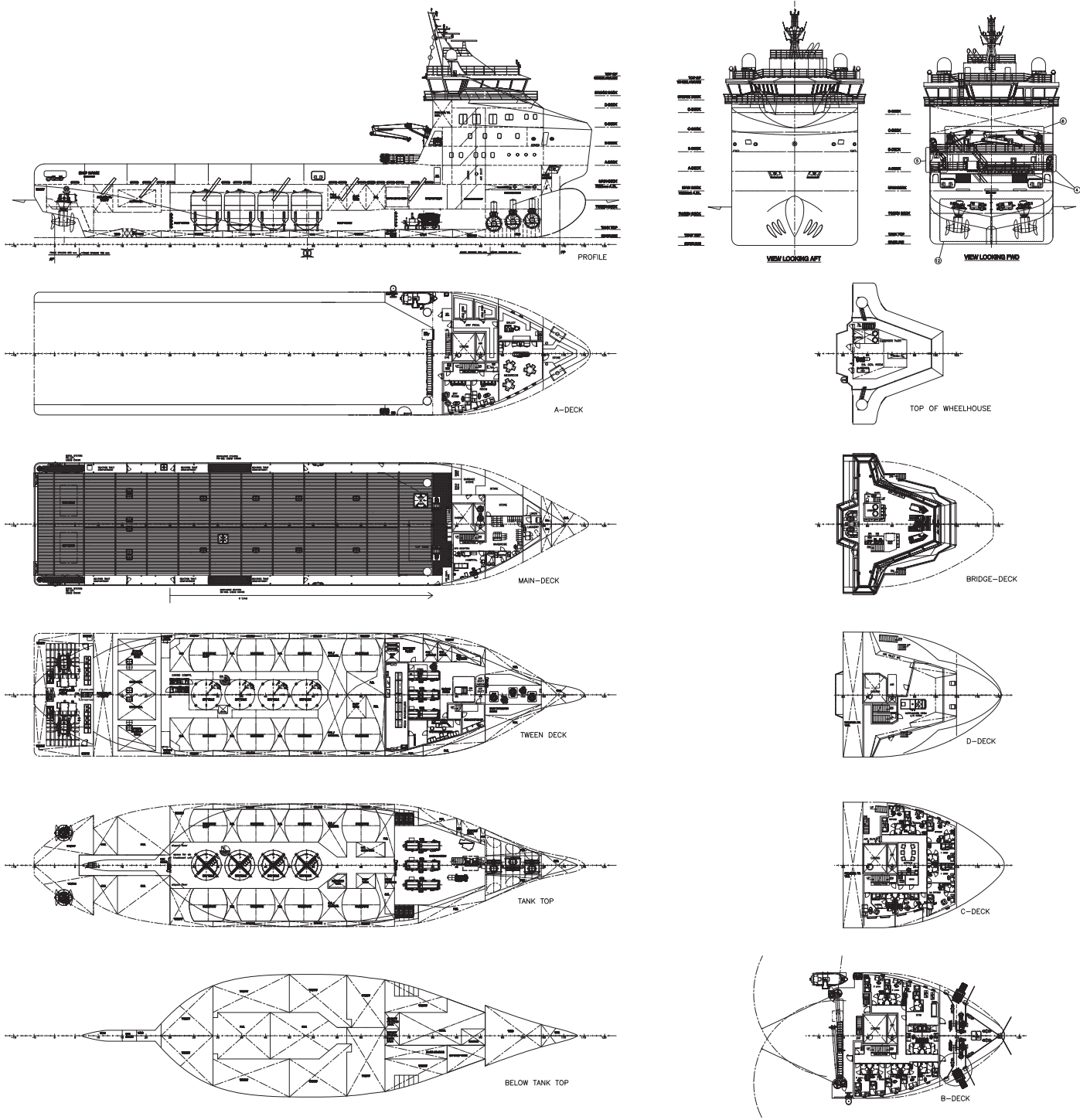
### Nav/Comms Equipment

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

### Special Equipment

Dynamic Positioning:	DP-2
Ref. Systems:	3 x MRU; 2 x DGPS 1 x Microwave-based
Mud Circulation System/ Mud Mixers:	Yes/Yes
Tank Cleaning:	Yes
Rescue Boat:	GJ 5.0 GRP
Fuel Monitoring:	GREEN PILOT
Misc:	ERN - 99,99,99,99; MSD - 24 Persons

\*Approximate values assuming Ideal Conditions





# TROMS LYRA

## Capacity Table



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.
01 WB FP TK	DW/WB	99.6				99.6								
04 WB DB TK SB	DW/WB	25.8				25.8								
05 WB DB TK PS	DW/WB	25.8				25.8								
09 WB DB TK PS	DW/WB	43.0				43.0								
10 WB DB TK SB	DW/WB	56.8				56.8								
11 WB DB TK PS	DW/WB	59.5				59.5								
12 WB DB TK SB	DW/WB	59.5				59.5								
13 WB DB TK PS	DW/WB	67.2				67.2								
14 WB DB TK SB	DW/WB	67.2				67.2								
15 WB DB TK PS	DW/WB	58.8				58.8								
16 WB DB TK SB	DW/WB	58.2				58.2								
21 WB WG TK PS	DW/WB	54.6				54.6								
28 WB WG TK SB	DW/WB	35.9				35.9								
30 WB WG TK SB	DW/WB	42.0				42.0								
31 WB WG TK. PS	DW/WB	35.9				35.9								
32 WB WG TK SB	DW/WB	54.4				54.4								
33 WB WG TK PS	DW/WB	42.0				42.0								
34 WB WG TK SB	DW/WB	24.2				24.2								
35 WB WG TK PS	DW/WB	54.4				54.4								
37 WB WG TK PS	DW/WB	24.2				24.2								
38 WB AP TK SB	DW/WB	75.6				75.6								
41 WB AP TK PS	DW/WB	75.6				75.6								
70 STAB TK	DW/WB/FW	189.3				189.3		189.3						
72 STAB TK	DW/WB	197.6				197.6								
78 CD	DW/WB	309.0				309.0								
20 FW WG TK PS	FW	30.8						30.8						
22 FW WG TK SB	FW	101.7						101.7						
24 FW DB TK C	FW	62.4						62.4						
36 FW WG TK SB	FW	84.4						84.4						
39 FW WG TK PS	FW	84.4						84.4						
76 FW WG TK SB	Ship's FW	68.2					68.2							
77 FW WG TK PS	Ship's FW	68.2					68.2							
80 FW WG TK SB	FW	18.0						18.0						
85 FW WG TK PS	FW	14.9						14.9						
100 FW DB TK C	FW	53.8						53.8						
102 FW WG TK PS	FW	8.5						8.5						
103 FW WG TK SB	FW	8.5						8.5						
105 Water Mist Tk	FW	28.6						28.6						
03 FO Service Tk 3	FO	9.4		9.4										
40 FO TK 5 SB	FO	87.0		87.0										
43 FO TK 5 PS	FO	87.0		87.0										
46 FO TK 3 SB	FO	70.3		70.3										
48 FO TK 2 SB	FO/BO	148.7	148.7	148.7										
49 FO TK 3 PS	FO	70.3		70.3										
51 FO TK 2 SB	FO/BO	164.5	164.5	164.5										
54 FO TK 1 SB	FO	86.8		86.8										
55 FO Overflow TK	FO	27.1		27.1										
56 FO TK 4 SB	FO	58.8		58.8										
59 FO TK 1 PS	FO	122.3		122.3										
61 FO TK 4 PS	FO	62.6		62.6										
71 FO Service Tk 1	FO	9.4		9.4										
73 FO Service Tk 2	FO	11.1		11.1										
75 FO Settling Tk	FO	17.0		17.0										
42 LM TK	LM/BR	162.2								162.2				
44 LM TK	LM/BR	160.3								160.3				
45 LM TK	LM/BR	162.2								162.2				
47 LM TK	LM/BR	160.3								160.3				
50 LM TK	LM/BR	160.7								160.7				
53 LM TK	LM/BR	160.7								160.7				
58 METH TK PS	METH	51.8									51.8			
60 METH TK SB	METH	48.1									48.1			
62 SPROD. SB	SP/LM	47.3								47.3				
63 SPROD. SB	SP/LM	47.3								47.3				
81 LM TK PS	LM/BR/SLOP	139.7								139.7				
82 LM TK SB	LM/BR	139.7								139.7				
23 Lube Oil	LO	4.4										4.4		
27 Lube Oil	LO	7.4										7.4		
66 CEM	Dry Bulk	62.7			62.7									
67 CEM	Dry Bulk	62.7			62.7									
68 CEM	Dry Bulk	62.7			62.7									
69 CEM	Dry Bulk	62.7			62.7									
Foam Tank	FOAM	1.8											1.8	
Total Volume [m <sup>3</sup> ]			313.2	1,032.3	250.8	1,836.1	136.4	685.3	0.0	1,340.4	99.9	11.8	1.8	0.0
Spec Sheet Total Volume [m <sup>3</sup> ]			313.2	958.3	250.8	1,337.8	136.4	656.7	0.0	1,340.4	99.9	11.8	1.8	0.0

\*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.



Ship: NOD-734 (imported), PSV 108, BN 756  
Run : all intact

