



## KL ARENDALFJORD

IMO No: 9312119

Call Sign: 5BMG2

Design: UT 755 L

Built: 2004 / Brevik Construction AS

# TECHNICAL DATA

## GENERAL

Name	KL ARENDALFJORD
Design	UT 755 L
Built by	Brevik Construction AS
Yard No	31
Built	2004
Ex. Name	OLYMPIC PROVIDER
IMO No	9312119
Call Sign	5BMG2
MMSI	209665000
Flag	Cyprus
Port of Registry	Limassol

## CLASS

DNV-GL ✕ 1A1, SF, E0, DYNPOS-AUT,  
CLEAN, DK(+), HL(2.5), TMON

## DIMENSION

LOA	72.0m
LPP	66.8m
Breadth	16.0m
Depth Main Deck	7.0m
Draught (Summer)	5.82m
Height (Keel to Antenna)	32.0m
Deadweight (Summer)	3,295 T
Displacement (Summer)	4,962 T
GRT	2,152 T
NRT	1,072 T

## DECK CAPACITY

Deck Area	680 m2 (52.3m x 13.0m)
Max Payload	5 T/m2
Max Deck Cargo Weight	1,600 T
Cargo Rail Height	2.6 m
Reefer Container Sockets	6 x 220V / 10 x 440V

## CARGO PUMPS

Fuel Oil	1 x Centrifugal Pump, 2-speed 200m3/h @90m / 120m3/h @22m
Fresh Water	1 x Centrifugal Pump, 2-speed 200m3/h @90m / 120m3/h @22m
Mud	2 x Rotary displacement pump 75m3/h @180m Frequency drive
Brine	1 x Rotary displacement pump 75m3/h @180m 1-speed
Base Oil	1 x Centrifugal Pump, 1-speed 150m3/h @90m
Ballast/Drill Water	1 x Centrifugal Pump, 2-speed 200m3/h @90m / 120m3/h @22m
Dry Bulk	2 x 25.6m3/h @5.6bar (BHS Compressor 23m3/min, 5.6bar)

## MACHINERY & PROPULSION

System	Direct Drive Diesel
Main Engines	2 x Rolls-Royce Bergen KRMB-9, 2,005kw / 825rpm
Main Gear	2 x Rolls-Royce Marine Type 600 AGSC-KP500 ND
Aux. Generators	2 x Nogva Scania DI 12 45M 285kw Stamford Generator Type 434F, 440V /250kw
Shaft Generators	2 x Stamford Type UCM734-H2 440V / 1,280kw
Emergency Generator	1 x Nogva John Deere 4045 TFM-50 Stamford Generator Type UCF274F 48kw
Main Propeller	2 x Controllable pitch Propellers Rolls-Royce, diam 2,900mm, 4 blades
Bow Tunnel Thrusters	2 x Rolls-Royce Marine 150TV 590kw
Stem Tunnel Thruster	1 x Rolls-Royce Marine 150TV 590kw

## PERFORMANCE

Max Speed	14.0 kts 23.0 m3/day
Economical Speed	1000 kts 8.5 m3/day
DP	5 - 8 m3/day
Stand-by	3 - 5 m3/day
In Port	1.0 m3/day

Figures are Avarage and Not Guaranteed.

## DECK MACHINERY

Tugger Winches	2 x 8T Port/Starboard Forward
Mooring Winches	2 x 10T Port/Starboard Aft
Mooring Winches / Windlass	2 x 16.5T Port/Starboard Forward
Deck Crane	1 x Knuckle beam SWL 3T@16m

## DYNAMIC POSITIONING SYSTEM

Sytem	KONGSBERG SDP 11 (IMO DP I)
ERN	82.82.66
Reference Systems	
1 x DGPS	Kongsberg Seatex DPS 116
1 x DGPS/DGNSS	Kongsberg Seatex DPS 232
1 x Fanbeam	MDL Laser MK4.2

## ACCOMMODATION

Total	18 Persons
Cabins	10 x single, 2 x 2men, 1 x 4men

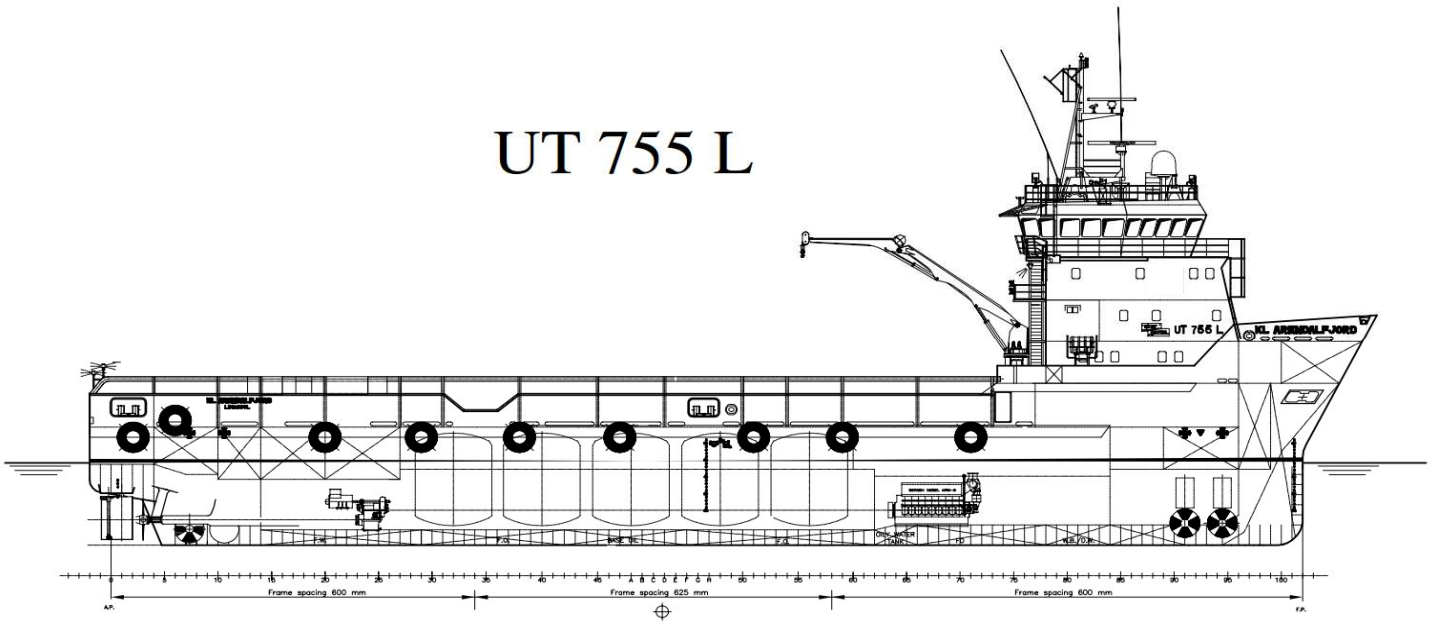
# TANK CAPACITIES

TANK NO.	TANK ID	CONTENTS	VOLUME 98%NET (m3)	WEIGHT 98%NET (MT)							
				WATER BALLAST (WB)	DRILL WATER (DW)	FRESH WATER (FW)	FUEL OIL (FO)	BASE OIL (BO)	MUD	BRINE (BRI)	CEMENT (CEM)
<b>S.G. (MT/m3)</b>				<b>1.025</b>	<b>1.000</b>	<b>1.000</b>	<b>0.900</b>	<b>0.830</b>	<b>2.500</b>	<b>2.500</b>	<b>2.400</b>
1	FOREPEAK TK	WB/DW	106.0	108.7	106.0						
DIA	FOREPEAK TK 2	WB/DW	66.8	68.5	66.8						
2	DB/WING TK 1 SB	FW	123.5			123.5					
3	DB/WING TK 1 PS	FW	110.3			110.3					
4	DB/WING TK 2 SB	WB/DW	69.5	71.2	69.5						
5	DB/WING TK 2 PS	WB/DW	50.7	52.0	50.7						
6	DB/WING TK 3 SB	FO	161.3				145.2				
7	DB/WING TK 3 PS	FO	149.1				134.2				
8	DB/WING TK 4 SB	FO	170.5				153.5				
9	DB/WING TK 4 PS	FO	170.5				153.5				
10	DB/WING TK 5 SB	BO	104.1					86.4			
11	DB/WING TK 5 PS	BO	104.1					86.4			
12	DB/WING TK 6 SB	FO	138.6				124.7				
13	DB/WING TK 6 PS	FO	138.6				124.7				
14	WING TK 7 SB	FW	68.0			68.0					
15	WING TK 7 PS	FW	68.0			68.0					
16	WING TK 8 SB	FW	34.1			34.1					
17	WING TK 8 PS	FW	34.1			34.1					
18	DB TK 7 CENTER	FW	22.9			22.9					
19	TK 1 SB	MUD/BRI/WB/DW	99.3	101.8	99.3					248.3	
20	TK 1 PS	MUD/BRI/WB/DW	99.3	101.8	99.3					248.3	
21	TK 2 SB	MUD/BRI/WB/DW	99.2	101.7	99.2					248.0	
21A	TK 2 PS	MUD/BRI	99.2							248.0	
22	TK 3 SB	MUD/BRI/WB/DW	99.2	101.7	99.2					248.0	
22A	TK 3 PS	MUD	99.2						248.0		
23	TK 4 SB	MUD	99.2						248.0		
24	TK 4 PS	MUD	99.2						248.0		
25	TK 5 SB	MUD	99.2						248.0		
26	TK 5 PS	MUD	99.2						248.0		
27	STAB TK 1	FW/WB/DW	202.1	207.2	202.1	202.1					
27A	STAB TK 2	FW/WB/DW	173.2	177.5	173.2	173.2					
28	STAB TK 3	WB/DW	115.0	117.9	115.0						
29	STAB TK 4	WB/DW	170.3	174.6	170.3						
44	CEMENT TK 1	CEM	64.1								153.8
45	CEMENT TK 2	CEM	64.1								153.8
45A	MUD TK 3 CENTER	MUD	64.1						160.3		
46	CEMENT TK 4	CEM	64.1								153.8
47	CEMENT TK 5	CEM	64.1								153.8
<b>TOTAL WIGHT (MT, 98%NET)</b>				<b>1,384.4</b>	<b>1,350.6</b>	<b>836.2</b>	<b>835.7</b>	<b>172.8</b>	<b>1,400.3</b>	<b>1,240.5</b>	<b>615.4</b>
<b>TOTAL VOLUME (m3, 98%NET)</b>				<b>1,350.6</b>	<b>1,350.6</b>	<b>836.2</b>	<b>928.6</b>	<b>208.2</b>	<b>560.1</b>	<b>496.2</b>	<b>256.4</b>

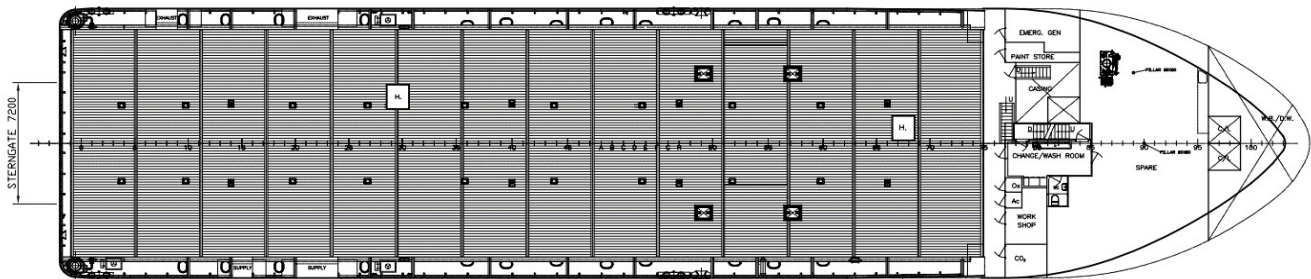
2 grades of Cement (Dry Bulk) can be loaded with segregation. (2 x tanks + 2 x tanks)

# ARRANGEMENT

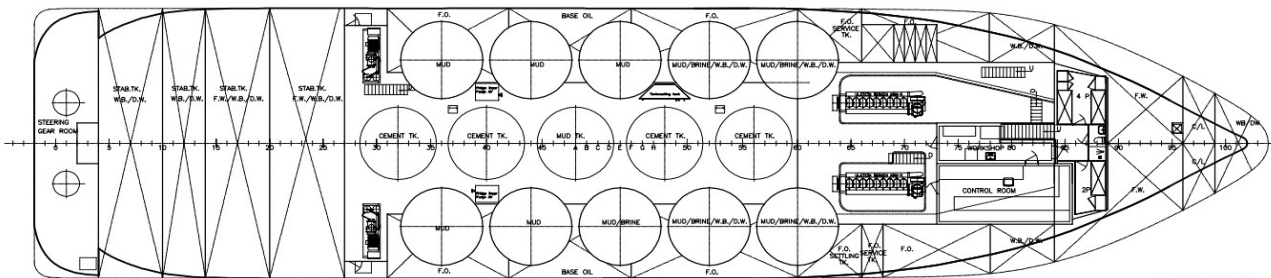
## UT 755 L



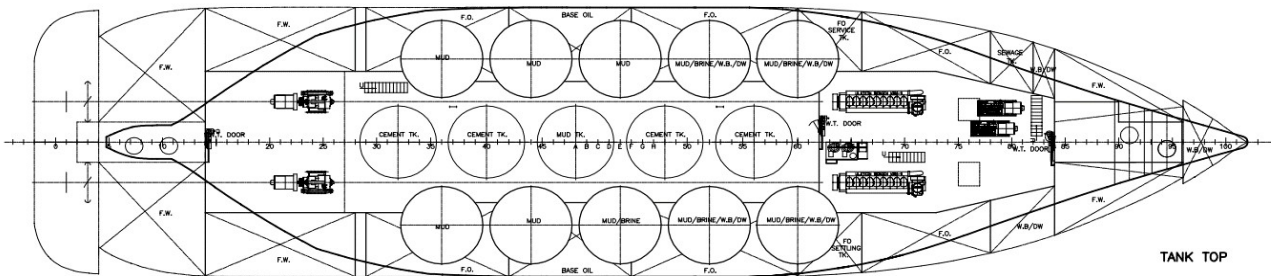
PROFILE



MAIN DECK



TWEEN DECK



TANK TOP