



MV "Dina Merkur" Platform Supply Vessel



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MV "DINA MERKUR"
UT 755LC- DP 2 - Platform Supply Vessel



Owners

Myklebusthaug Offshore AS, N-5953 Fønnes, Norway

Built

Simek AS, Norway Yard no 111, 2006

Classification

DNV +1A1, HL + (2.8), DK+, SF, EO, Clean, AUTR, TMON, Comfort V3

Dimensions

LOA	73,60 m
Breadth (moulded)	16,00 m
Depth (mould to sh.dk)	7.00 m
Draft (max)	5.80 m
GRT	2 192
NRT	1 030
Deadweight	3 278 t
Displacement	4 997 t

Machinery

Main Engines	RR Bergen Diesel C25 2 x 2320kW (6300 bhp)
Bow Thrusters	Rolls Royce 2 x 590kW
Stern Thrusters	Rolls Royce 2 x 590kW
Rudders	2 x Ulstein High Lift

Deck Machinery

Capstans	2 x 8 m
Deck Crane	1 x 3 m @ 16 m
Tugger Winch	2 x 10 m

Cargo Capacities

Deck Area	51x13.50 m (680 m2)
Deck Load	1 600 m
Deck strength	5 mt/m2
Fuel Oil*	825 m3
Potable Water	822 m3
Drill Water	1092 m3
Liquid Mud	993 m3/6240 bbls
Base oil	202 m3/1272 bbls
Brine	396 m3/2496 bbls
Dry Bulk (tanks):	320 m3/11280 cuft (5)

Triple purpose tanks mud, brine, drill water with complete product segregation. All mud and brine tanks fitted with hot-water washing system.

Discharge Rates

Fuel	0-200 m3/hr @ 90 m
Pot Water	20/100/200 m3/hr @ 90 m
Drill Water	75/150 m3/hr @ 90 m
Liquid Mud	2 x 0-75 m3/hr @ 90 m
Base Oil	150 m3/hr @ 90 m
Brine	75 m3/hr @ 90 m
Dry Bulk	2 x 23m3 /min @ 5.6 bar
Couplings	4"/5" Avery Hardoll, Weco

Bulk Connection Locations

Fuel oil	Aft/mid port, mid stb
Po water	Aft/mid port, mid stb
Drill water	Aft/mid port, mid stb
Dry bulk	Aft port/stb
Liquid Mud	Af/mid port aft/mid stb
Brine	Aft/mid port, mid stbd

Speed & Consumption *

Max speed	15,80 knots
Consumption	6,4 t at 10 knots
	7,7 t at 12 knots
	11 t at 13,5 knots
	20 t at 15 knots
DP operations	60 Hz 6,1 t
	50 Hz 3,9 t

*Consumption of MGO/24 hours in Sea-state 2. Fuel to comply with ISO fuel standard 8217:2010 DMA, max Sulphur 0.1 %

Manoeuvring Equipment

Joystick	Rolls Royce
DP	Kongsberg DP 21
References	Radius 90 degrees (2 off) DGPS

Communication Equipment

GMDSS	Sea Area 3
SSB Radio	1 x Furuno FS1570
Radio Terminals	2 x Sailor VHF/DSC
UHF	4 x Motorola
VHF handsets	3 x GMDSS
VHF	1 x Furuno Simplex 1 x Sailor RT 2048
Inmarsat Fleet 77	1 x Nera
Sat C Station	2 x Furuno Felcom 15
VSat	Fitted
EPIRB	1 x Jotron
SART	2 x Jotron
GSM	1 with PaBx

Navigation Equipment

Radar	1x10 cm, 1x 3 cm Furuno (Arpa)
Sat.Navigator	Furuno
Navtex	Furuno
Echo Sounder	1
Gyro	Anschutz
Autopilot	Anschutz
Doppler log	Furuno
Echo Sounder	Furuno
Electronic Charts	Fitted
AIS	Furuno

Accommodation

Crew	12 x 1
Passengers	1 x 4

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Tankplan

#	Tank	Volume - 100 %	Drillwater/ Ballast 1,025	Pot Water 1,00	Fuel Oil 0,9	Brine 2,80	MUD 2,80	Base Oil 0,83	Dry Bulk 2,40
1	Forepeak	133,5	136,8						
2	DB W 1 SB	128,0		128,0					
3	DB W 1 PS	113,2		113,2					
4	DB/W 2 SB	62,4	64,0						
5	DB/W 2 PS	45,4	46,5						
6	DB/W 3 SB	119,7			107,7				
7	DB/W 3 PS	140,4			126,4				
8	DB/W 4 SB	147,1			132,4				
9	DB/W 4 PS	147,1			132,4				
10	DB 5 SB	47,0			42,3				
11	DB 5 PS	49,2			44,3				
12	DB/W 6 SB	86,6			77,9				
13	DB/W 6 PS	86,6			77,9				
14	W 7 SB	59,0		59,0					
15	W 7 PS	59,0		59,0					
16	W 8 SB	33,4		33,4					
17	W 8 PS	33,4		33,4					
18	T 8 C	22,1		22,1					
19	T 1 PS	99,1	101,6			277,5	277,5		
20	T 1 SB	99,1	101,6			277,5	277,5		
21	T 2 SB	99,3	101,8			278,0	278,0		
22	T 2 PS	99,3	101,8			278,0	278,0		
23	T 4 PS	99,3					278,0		
24	T 4 SB	99,3					278,0		
25	T 5 PS	99,3					278,0		
26	T 5 SB	99,3					278,0		
27	STAB 1	202,1	207,2	202,1					
28	STAB 3	109,9	112,6						
29	STAB 4	163,3	167,4						
30	FO Service	41,4			37,3				
31	FO Service	41,4			37,3				
32	FO Settling	22,7			20,4				
34	STAB 2	173,2	177,5	173,2					
44	Cement 1	63,9							153,4
45	Cement 2	63,9							153,4
46	Cement 3	63,9							153,4
47	Cement 4	63,9							153,4
48	Cement 5	63,9							153,4
57	WT 5 SB	101,1						83,9	
58	WT 5 PS	101,1						83,9	
59	FO Overflow	44,6			40,1				
61	T 3 SB	99,3					278,0		
62	T 3 SB	99,3					278,0		
	Total Weight	3826,0	1318,8	823,4	876,4	1111,0	2779,3	167,8	766,8
	Total Volum m3		1286,6	823,4	973,8	396,8	992,6	202,2	319,5
				Total Volum Bbls		2496	6243	1272	
						Total Volum Cuft			11283

Disclaimer:

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