



M.V. HIGHLAND EAGLE

UT755L - 5,450 BHP PLATFORM SUPPLY/ROV SUPPORT VESSEL

REGISTRATION

Owner	GulfMark UK Ltd
Year Built	2003
Builder	Brattvaag Skipsverft, Norway
Flag	UK
Classification	DNV +1A1, Supply Vessel, SF, EO, Dynpos AUTR

MAIN CHARACTERISTICS

LOA	72m
Breadth (moulded)	16m
Depth (mould to sh.dk)	7 m
Draft (max)	5.9 m
GRT	2,244 T
NRT	936 T
Deadweight	3,200 T

MACHINERY

Main Engines	2 x 2,725 BHP
Shaft Alternators	2 x 1,690 KVA
Thrusters Bow	1 x 800 BHP
Thruster Azimuth	1 x 1,000 BHP
Thrusters Stern	2 x 800 BHP
Rudders	2 x High Lift
Propellers	2 x CPP
Capstans	2 x 8 T
Tugger Winch	2 x 10T

DYNAMIC POSITIONING SYSTEM (CLASS II)

Kongsberg Simrad SDP 21 (DP II)
2 x DPC 11 Controller Unit
"Green" DP Software module installed
RRM Joystick

REFERENCES

HiPAP acoustic system
DGPS
Light weight Taut Wire (Mk 12)
Fan beam laser
1 x SPT 331 Transponder beacon
2 x RPT 316 RT Transponders beacon

SURVEY ROOMS

6 m x 3.5 m survey room (main deck)
5.5 m x 4 m survey office (A deck)
19" racks and 220v power
Telemetry / video / data link to bridge and Client cabins

EXTRA FEATURES FOR ROV OPERATIONS

Moon Pool (4.35 x 3.8 m) passively stabilised
Main deck aft reinforced for 150 T "A" frame
Main deck power supplies (2 x 440v / 600 A)
Survey tube (0.5 m clear hole)
Survey pole (projects up to 4.0m below hull)
Spare 14" gate valve (PS opposite HiPAP for 2nd Gantry and pole system)
Removal cargo rails P&S for ROV launch (8.275m each side in 2 sections)

CRANES

Deck Crane 1 x 5T @ 10m
(Max 65 m of 19 mm wire)
Aft deck strengthened for 400 T /M Crane, flush with deck, with power supply

NAVIGATION & COMMUNICATION EQUIPMENT

1 Furuno 10CM ARPA RADAR
1 Furuno 3CM RADAR, Model 2115
1 Furuno Satellite Navigator GP 31
1 Jotron EPIRB
2 Jotron 9GHz Radar transponder
3 Navico SRH 150 VHF GMDSS
4 Motorola GP 900 portable UHF
2 GSM Cellular phones
3 Anschutz gyro compass
1 Anschutz digital autopilot
1 Furuno echo sounder FE-700
1 Furuno Doppler speed log DS80
2 Windobserver 11 wind indicator
1 Furuno MF/HF SSB Radio station
1 Furuno DSC terminal DSC 6A
2 Thrane & Thrane SAT C
1 Furuno SAT B FELCOM 81
1 Furuno Navtex receiver NX-500
2 Sailor Compact VHF RT4722 with DSC
1 Sailor RT 2048 simplex VHF

DISCHARGE RATES

Fuel	200 m ³ /hr	@ 90 m hd
Pot Water	200 m ³ /hr	@ 90 m hd
Drill Water	150 m ³ /hr	@ 90 m hd
Oil Based Mud	75 m ³ /hr	@ 90 m hd
Base Oil	150 m ³ /hr	@ 90 m hd
Brine	75 m ³ /hr	@ 90 m hd
Cement	80 T/hr	@ 90 m hd
Barytes	60 T/hr	@ 90 m hd
Bentonite	100 T/hr	@ 90 m hd

CARGO CAPACITY

Deck Area	640 m ²	
Deck Load	1,500 T	
Fuel Oil	916.8 m ³	@ 100%
Potable Water	796.3 m ³	@ 100%
Drill Water	1,152.4 m ³	@ 100%
Oil Based Mud*	4,839 bbls (769.3 m ³)	@ 100%
Base Oil	1,306 bbls (208 m ³)	@ 100%
Brine*	4,839 bbls (769.3 m ³)	@ 100%
Dry Bulk	9,000 cuft (256 m ³)	@ 100%

*Mud/Brine tanks -
8 Dual purpose tanks (4839 bbls)
8 mud or 6 mud / 2 brine, 4 mud / 4 brine etc. with complete product segregation

ACCOMMODATION

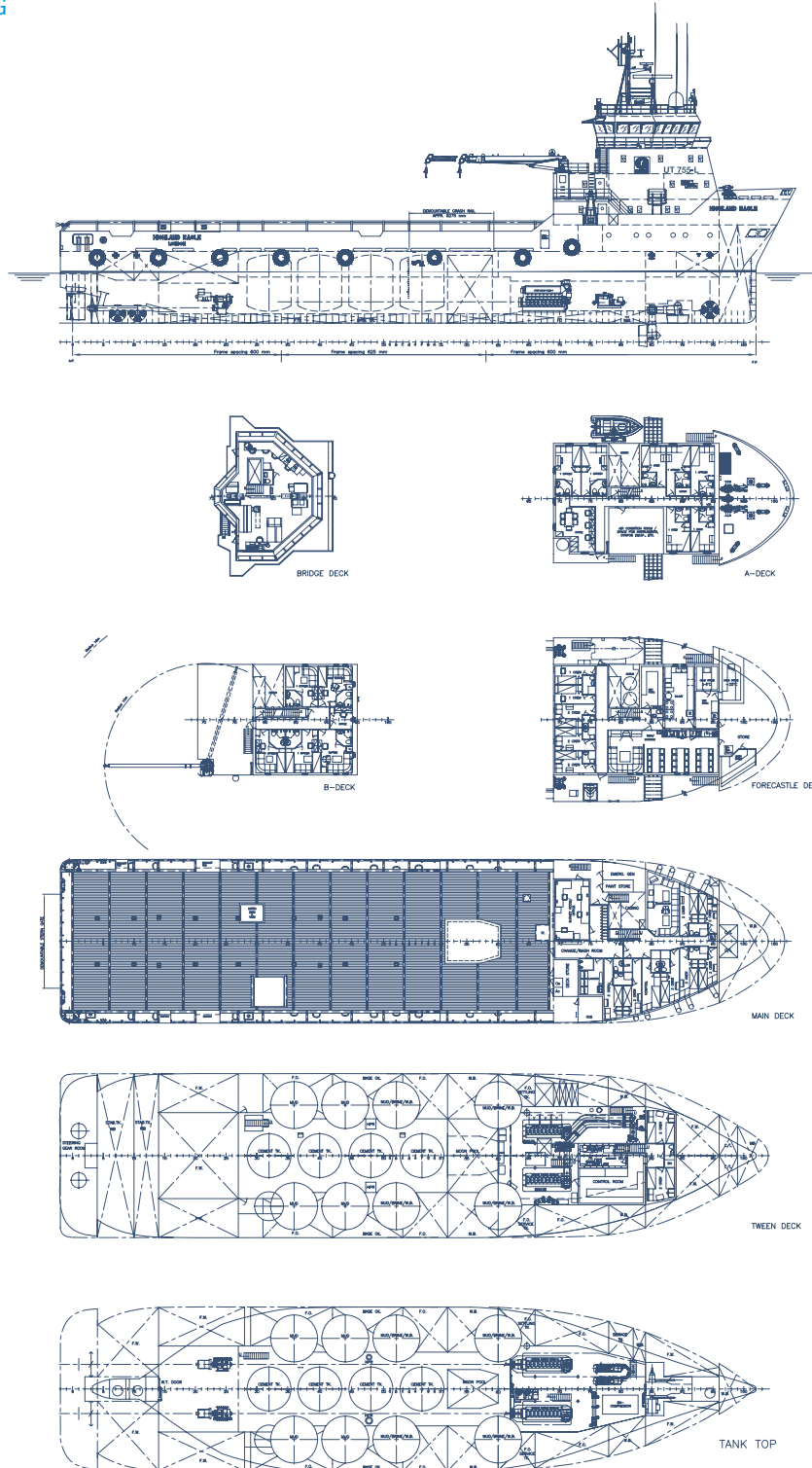
14 x 1 Man
12 x 2 Man



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GENERAL ARRANGEMENT DRAWING





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TANK CAPACITIES

TANK	CUBIC METRES			BARRELS		
	FUEL OIL	FRESH WATER	DRILL WATER	OIL BASED MUD	BRINE	BASE OIL
FUEL (8)	174.1 151.0 115.4 115.4 138.8 138.8 41.7 41.7					
FRESH WATER (8)		103.4 110.7 144.8 149.6 34.1 34.1 22.5 197				
DRILL WATER (11)			106 69.5 50.7 128.6 128.6 96.6 96.6 96.8 96.8 113.3 168.8			
OBM (8)				607.6 607.6 607.6 607.6 607.6 607.6 607.6 585.6		
BRINE (8)					607.6 607.6 607.6 607.6 607.6 607.6 607.6 585.6	
BASE OIL (2)						652.9 652.9
TOTAL	916.8	796.3	1,152.4	4,839	4,839	1,306