



# 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 <sup>3</sup> /hr	@ 90 m hd
Pot Water	200 m <sup>3</sup> /hr	@ 90 m hd
Drill Water	150 m <sup>3</sup> /hr	@ 90 m hd
Oil Based Mud	75 m <sup>3</sup> /hr	@ 90 m hd
Base Oil	150 m <sup>3</sup> /hr	@ 90 m hd
Brine	75 m <sup>3</sup> /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 <sup>2</sup>	
Deck Load	1,500 T	
Fuel Oil	916.8 m <sup>3</sup>	@ 100%
Potable Water	796.3 m <sup>3</sup>	@ 100%
Drill Water	1,152.4 m <sup>3</sup>	@ 100%
Oil Based Mud*	4,839 bbls (769.3 m <sup>3</sup> )	@ 100%
Base Oil	1,306 bbls (208 m <sup>3</sup> )	@ 100%
Brine*	4,839 bbls (769.3 m <sup>3</sup> )	@ 100%
Dry Bulk	9,000 cuft (256 m <sup>3</sup> )	@ 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

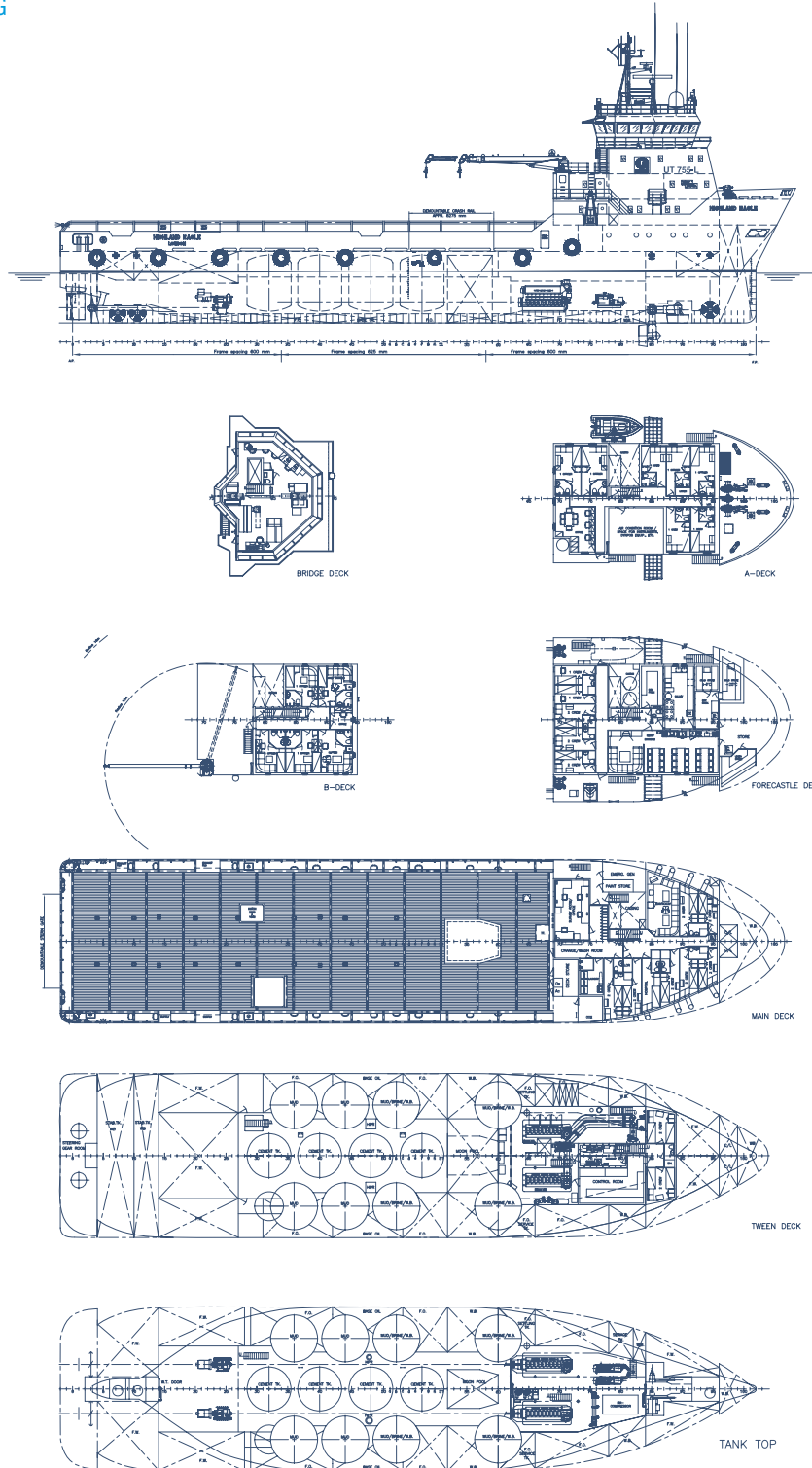
14 x 1 Man  
12 x 2 Man



# M.V. HIGHLAND EAGLE

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

## GENERAL ARRANGEMENT DRAWING





## M.V. HIGHLAND EAGLE

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

### 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
<b>TOTAL</b>	<b>916.8</b>	<b>796.3</b>	<b>1,152.4</b>	<b>4,839</b>	<b>4,839</b>	<b>1,306</b>