



# HIGHLAND CHIEFTAIN

MMC879 CD PSV DP 2, DIESEL ELECTRIC, PLATFORM SUPPLY VESSEL

## REGISTRATION

Owner	GulfMark UK Ltd
Year Built	2013
Builder	Remontowa, Poland
Flag	UK
Classification	ABS +A1 (E) OFFSHORE SUPPORT VESSEL, +AMS, +ACCU, +DPS-2, OIL RECOVERY CAPABILITY CLASS 2, FIRE FIGHTING VESSEL CLASS 1, UWILD, GP, ENVIRO, SPS

## MAIN CHARACTERISTICS

Length Overall	261 ft	(79.45 m)
Breadth (moulded)	55 ft	(16.80 m)
Depth (moulded)	24 ft	(7.40 m)
Draught (max)	20 ft	(6.00 m)
GT	3,260	
NT	1,381	

## CAPACITIES

Deadweight	4000 T
Cargo Deck Area	193 ft x 47 ft = 9,106 ft <sup>2</sup> (58.78 x 14.4 m = 846m <sup>2</sup> )
Deck Load	2000 T
Fuel Oil Cargo	259,681 gal (983 m <sup>3</sup> )
Potable Water	258,888 gal (980 m <sup>3</sup> )
Drill Water	424,260 gal (1606 m <sup>3</sup> )
Oil Based Mud	7308 bbls
Base Oil	2016 bbls
Brine	3276 bbls
Methanol / Xylene	51,249 gal (194 m <sup>3</sup> )
Dry Bulk	10,610 ft <sup>3</sup> in 5 tanks

## CARGO DISCHARGE

Fuel Oil	150 m <sup>3</sup> /hr @ 90 m hd
Pot Water	150 m <sup>3</sup> /hr @ 90 m hd
Oil Based Mud	4 x 75 m <sup>3</sup> /hr @ 14bar
Base Oil	100 m <sup>3</sup> /hr @ 90 m hd
Brine	4 x 75 m <sup>3</sup> /hr @ 14bar
Cement	80 T/hr @ 90 m hd
Barytes	60 T/hr @ 90 m hd
Bentonite	100 T/hr @ 90 m hd
Methanol	2 x 75 m <sup>3</sup> /hr @ 90 m hd
Drill Water	150 m <sup>3</sup> /hr @ 90 m hd

## PERFORMANCE

11 knots	@ Approx. 11 T / day
14.5 knots	@ Approx. 20 T / day
DP	@ Approx. 5-10 T / day

## DYNAMIC POSITIONING SYSTEM (CLASS II)

L3 Platinum DP System	1 x Radscan
References	3 x DGPS receiver

## MACHINERY

Diesel Electric Generating Power	9,598 BHP
Propulsive BHP	5,362 BHP
Main Generators	4 x CAT 1790 KW
Emergency Gen	1 x CAT 350 KW
Thrusters Bow	2 x 1200 BHP(Tnl)
Thrusters Stern	N/A – D.E. (Azimuth)
Rudders	N/A – D.E. (Azimuth)
Propellers	2 x FPP Azimuth
Capstans	2 x 8T
Deck Crane	2 x 3T @ 10m
Tugger Winch	2 x 10T

## MANOEUVRING EQUIPMENT

2 x Rotating variable speed Stern Azimuth propulsion units (Diesel electric)

## TANK WASHING SYSTEM

Fixed tank washing system in all mud tanks  
Hot / Cold wash with / without chemicals

## NAVIGATION AND COMMUNICATION

1 x L3 Radarpilot 10CM ARPA RADAR  
1 x L3 Radarpilot 3CM ARPA RADAR  
3 x C-Nav 100G DGPS inbuilt Navigator  
3 x Sailor SP3520 GMDSS VHF's  
4 x Motorola GP 340 portable UHF exrated  
1 x GSM/GPRS Cellular phone  
3 x TSS Meridian Gyro Compasses  
1 x L3 Trackpilot autopilot  
1 x L3 ECDISpilot  
1 x Caproc Sat Communication system  
1 x SAM 4620 echo sounder  
1 x SAM 4682 Doppler speed log  
1 x SAM 3410 AIS system  
1 x SAM RT6310 MF/HF SSB radio station  
1 x SAM DSC terminal  
2 x SAM 6110E Inmarsat C  
1 x Sailor FBB150 Fleetbroadband Satellite  
1 x SAM 2918 Navtex receiver  
2 x Debeg RT622 VHF - built in DSC  
1 x Debeg RT6210 simplex VHF  
1 x SAM 6110 SSAS  
1 x SAM LRIT software

## ENVIRONMENTAL

ABS 'ENVIRO' Class notation  
Double Hull with no hydrocarbon products on outer shell.  
Green Passport

## ACCOMMODATION

26 persons	8 x 1 Man cabins
	9 x 2 Man cabins



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## TANK CAPACITIES

TANK	CUBIC METRES				BARRELS		
	FUEL OIL	FRESH WATER	METHANOL	DRILL WATER	OIL BASED MUD	BRINE	BASE OIL
CARGO FUEL (14)	138.8 84.2 109.9 155.8 168.0 110.3 45.9 35.7 52.9 2 x 14.8 2 x 29.7 25.9						
FRESH WATER (7+1)		2 x 160.3 64.5 65.5 94.7 157.8 158.5 118.5					
METHANOL (2)			2 x 97				
DRILL WATER (16+1)				2 x 46.2 2 x 130.7 2 x 136.8 132.3 137.0 115.3 111.3 116.2 71.4 83.4 16.0 18.6 58.3 118.5			
OBM (8)					6 x 1008 2 x 630		
BRINE (4)						2 x 1008 2 x 630	
BASE OIL (2)							2 x 1008
<b>TOTAL</b>	<b>983</b>	<b>980</b>	<b>194</b>	<b>1606</b>	<b>7308</b>	<b>3276</b>	<b>2016</b>

Dark Blue denotes primary function, Light Blue denotes secondary / tertiary function

These particulars should be taken as indicative and do not constitute a warranty