



M.V. HIGHLAND CITADEL

UT755L - 5,450 BHP PLATFORM SUPPLY VESSEL

REGISTRATION

Owner	GulfMark UK Ltd
Year Built	2003
Builder	Brattvaag Skipsverft, Norway
Flag	UK
Classification	DNV +1A1 Supply Vessel SF EO, DPS-2

MAIN CHARACTERISTICS

LOA	72 m
Breadth (moulded)	16 m
Depth (mould to sh.dk)	7 m
Draft (max)	5.9 m
GRT	2,161 T
NRT	1,073T
Deadweight	3,350 T

CARGO CAPACITY

Deck Area	680 m ²	
Deck Load	1,600 T	
Fuel Oil	1,031.8 m ³	@ 100%
Potable Water	841 m ³	@ 100%
Drill Water	1,348 m ³	@ 100%
Oil Based Mud	6,145 bbbls	@ 100%*
Base Oil	1,282 bbbls	@ 100%
Brine	6,145 bbbls	@ 100%*
Dry Bulk	11,250 cuft	@ 100%

*Mud/Brine tanks - 10 Dual purpose tanks - 10 mud or 6 mud / 4 brine, 4 mud / 6 brine etc. with complete product segregation

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

MACHINERY

Main Engines	2 x 2,725 BHP
Shaft Generators	2 x 1600 kVA
Generators	2 x 310 kVA
Emergency Gen.	1 x 60 kVA
Thrusters Bow	2 x 790 BHP (Tunnel)
Thruster Stern	1 x 790 BHP (Tunnel)
Rudders	2 x RRM High Lift
Propellers	2 x CPP
Capstans	2 x 8 T
Deck Crane	1 x 5T @ 10m or 3T @ 16m
Tugger Winch	2 x 10T

COMMUNICATION & NAVIGATION EQUIPMENT

1 x Furuno 10CM ARPA RADAR 2135S
 1 x Furuno 3CM RADAR, Model 2115
 1 x Furuno Satellite Navigator GP 80
 1 x Jotron EPIRB
 2 x Jotron 9GHz Radar transponder
 3 x Furuno FM 2721 VHF GMDSS
 4 x Motorola GP 900 portable UHF
 2 x GSM Cellular phone
 1 x Anchutz gyro compass - SR 180 Mk 2
 1 x Sperry digital autopilot
 1 x Kockums Sonic signal unit
 1 x Furuno echo sounder FE-700
 1 x Furuno Doppler speed log DS80
 1 x Wind indicator DEIF 879
 1 x Furuno MF/HF SSB Radio station
 1 x Furuno DSC terminal DSC 60
 2 x Furuno Felcom 15 - SAT C
 1 x Furuno Felcom 82B - SAT B
 1 x Furuno Navtex receiver NX-500
 2 x Furuno FM-8700 VHF/DSC Duplex
 1 x Globe Wireless (Transmitter & Modem)

MANOEUVRING EQUIPMENT

Kongsberg KPOS DP2 with 1 x Radius and 2 x DGPS
 1 x Rolls Royce Marine Joystick

ACCOMMODATION

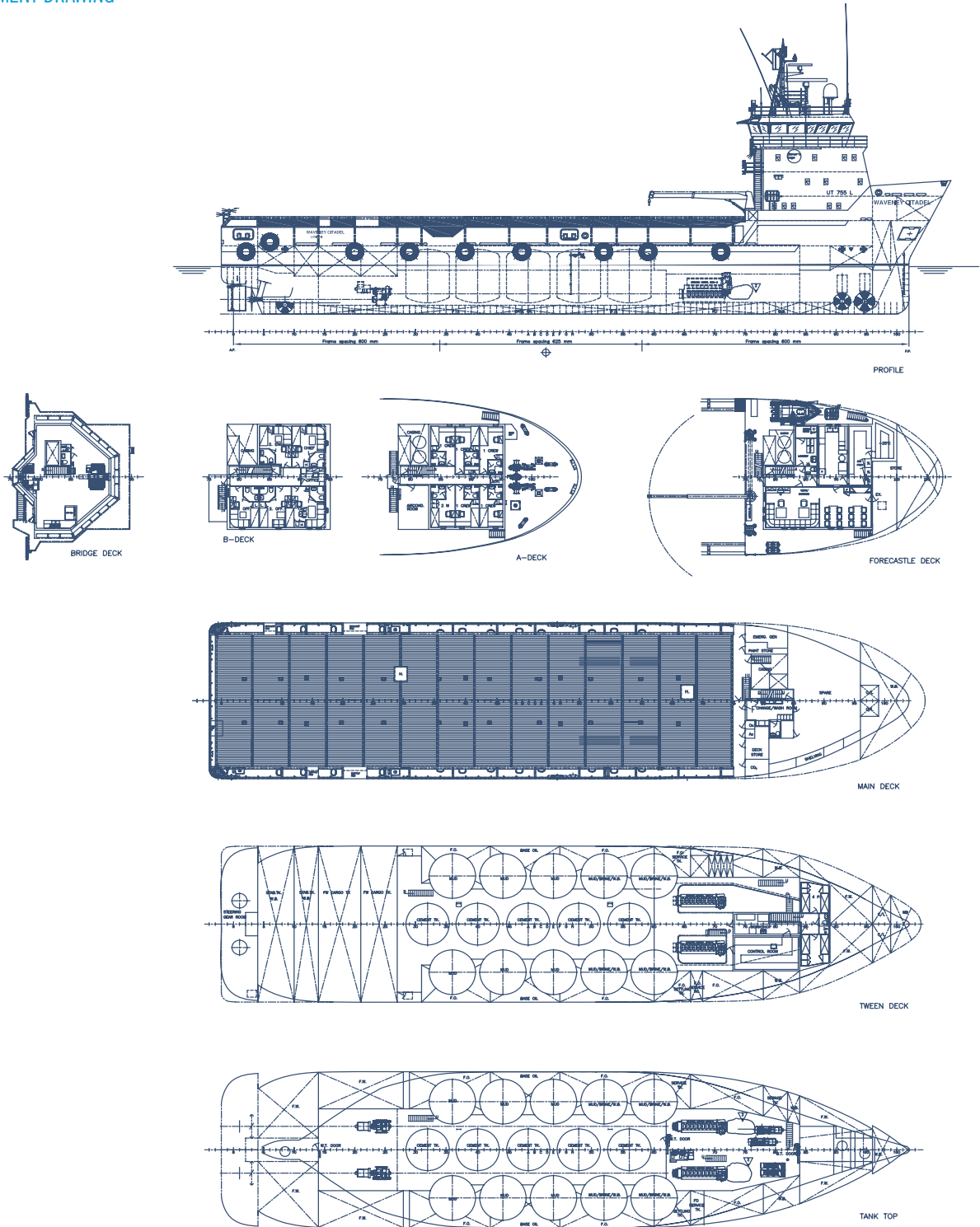
10 x 1 Man
 1 x 2 Man
 2 x 4 Man



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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 (10)	163.3 150.9 170.4 170.4 138.6 138.6 41.7 41.7 5.5 10.8					
FRESH WATER (9)		128.4 114.6 68.0 53.4 39.4 39.4 22.5 202.1 173.2				
DRILL WATER (12)			120.3 66.8 69.5 50.7 97.7 97.7 97.7 97.7 202.1 173.2 115.0 159.6			
OBM (10)				614.5 614.5 614.5 614.5 614.5 614.5 614.5 614.5 614.5 614.5		
BRINE (10)					614.5 614.5 614.5 614.5 614.5 614.5 614.5 614.5 614.5	
BASE OIL (2)						641 641
TOTAL	1,031.8	841	1,348	6,145	6,145	1,282