



BOURBON GULF 101

**DP 1 AHTS | 75 Metric Ton bollard Pull
| 150 Metric Ton Line Pull Winch**

DOCUMENTATION

Classification	BV. Class 1 XHull, XMach, Tug, Supply Vessel, Unrestricted navigation, Fire Fighting Ship I Water spray, DYNAPOS AM/AT (Class 1) XAUT-UMS. Optional: Special Service/Stand by Rescue Vessel.
Year Built	2007
Keel Laid Year	2006
Place of Build	Yangzhou/ Dayang Shipyard - China
Vessel Type	AHTS
Port of Registry	Kingstown
Flag	St Vincent & the Grenadines
Official No.	10149
Call Sign	J8B3676
IMO No.	9372717

MAIN PARTICULARS

Length Overall	64.80 m
Length BP	58.70 m
Breadth Moulded	16.00 m
Depth Moulded	5.80 m
Draft (max)	4.90 m
Draft (operational)	4.90 m
Bollard Pull	75 T
Brake Horsepower	5,380 BHP
GRT / NT	1,966/590
Lightship Weight	1930.69 t
Deadweight	1652.76 T
Summer Freeboard	912 mm

MACHINERY

Type / Model of Main Engine	MAK 6M25
Auxiliary Engines	CATERPILLAR 3408, BHP 536 , RPM 1800
Engines Max RPM	750
Total Horsepower (BHP)	5,380x 1,980 kW, (total: 3,960 KW = 5,380 HP
Types of Generators	Shaft generators - 2x 880 KW 1,100 KVA at 750 rpm, AC 3Ph 440V 60 Hz
Capacity of Generator	Auxiliary generators - 2x 370 KW, 462 KVA at 1,800 rpm, AC 3Ph 440V 60 Hz
No. of Generator required for normal operation	2 nos
Emergency Generator Capacity	CAT 3056T 1 x 99 KW, 123.8 KVA at 1,800 rpm, AC 3Ph 440V 60 Hz.
Model of Bow Thruster	FU-63-LTC-1550
Type / Capacity of Bow Thruster	BRUNVOLL 2 x 500 KW electrically driven with CPP Tunnel
Propellers	2 Type CPP, dia: 2,900 mm in nozzles
Main Propulsion Type	CPP DOUBLE ENGINE/MAK 6M25
Propulsion	CPP-BERG Propulsion Type.710HX/4
Gearbox	2 x REINTJES Clutch Set/ Type LAF 2346
Main Alternator	2 x CAT SR4, 440V, 606 AMPS, 462 KVA Synchronous Alternator
Azimuth Stern Drive	NA
Transverse Thruster	N/A
Rudders	2 high lift flap type
Steering Gear	2 Nos JASTRAM JQ041281 – 31

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

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TOWING & ANCHOR HANDLING

Crane	14M X 1.7 t @ 3.0 m-1240 m radius
Anchor Handling / Towing Winch	1 electro-hyd high press winch of 2 declutchable drums in waterfall arrangement each equipped: Drum cap:1,500 M X Dia. 56MM SWR @ 10 LAYERS st wire rope, Rated Pull:150 ton X 0-6 M/MIN- 1ST SPEED
Tugger Winch	2x 10 t at 25m/min
Winch Type	1 Electro-hydraulic high-pressure winch
Windlass	1 combined mooring & windlass winch, 12 t SWL at 14 m/min
Warping Drum	2x 5 t at 12 t X 14m/min
Bow Anchors	YES
Anchors	2 X HALL ANCHOR (2.1 Tons)
Anchor Chain	38 mm of Common stud Chain/ Grade U3 (a)- Length 275 m
Chains	2 X 275 m (10 lentgh)
Chain Chaser	N/A
Grapnel Anchor	N/A
Towing Pins	1 pair of vertical/retractable type, 200 t SWL
Shark Jaws	Karmfork 2 of 250 t SWL
Stern Roller	1x 250 mt SWL, Dia: 1,500 mm, Length: 4,000 mm
Spare Tow Wire	56 mm x 1000 m
Capstans	2x 5 t at 15m/min.
Pneumatic Bulk Handling System	2 Screw air compressors Aerzen VMX 337R / 110, Air flow capacity 2 x 11.5 to 28.3 m³/min at 4 to 13 bar
Storage Reels	1 electro-hydraulic unit with 1 drum
Line Pull	12 ton x 25 m/min (1st Layer) @ dia 56mm SWR
Wire Rope	1,500 m of 56 mm steel wire rope
Cable Lifter	N/A
Rated Pull	12 ton x 25 m/min (1st Layer) @ dia 56 mm SWR
Brake Holding Load	15 ton 1 st layer.
Drum Capacity	1,500 m of 56 mm steel wire rope.
Brake Capacity	225 t 1 st layer
Winch Wire Capacity	56 mm x 1500 m
Upper / Lower Drum Cap (Tow / AH)	56 mm x 1500 m @ 10 layer
Stall Pull	150 t x 0-6 m/min 1 st speed 73.5 t x 0-12 m/min 2nd speed 32.t t x 0-24 m/min 3rd speed
Rope Reels	Auto spooling device for AH Drum

CARGO DECK

Deck Strength	5t/m2
Deck Cargo Tonnage	800 tons 0.9 m above deck
Clear Deck Area	430 m2
Deck Length	33.4 m
Deck Width	12.1m / 13.1m

DELIVERY RATES

Fuel Oil	613.4 m3 – 1 x 120 m³/h at 7 bar
Fresh Water	448.44 m3 – 1 x 120 m³/h at 7 bar
Drill Water/ Ballast	459.8 M3 – 1 x 120 m³/h at 7 bar
Liquid Mud	395.3 m3 – 1 x 75 m³/h at 7 bar
Brine / Ballast	395.3 m3 – 1 x 75 m³/h at 7 bar
Dry Bulk / Cement	174.4 m3 – 4 tanks-sg 2.5-2 products, 2 Screw air compressors Aerzen VMX 337R / 110 , Air flow capacity 2 x 11.5 to 28.3 m³/min at 4 to 13 bar

CAPACITY

Fuel Oil	613.4 m3 – 1 x 120 m³/h at 7 bar
Fresh Water	448.44 m3 – 1 x 120 m³/h at 7 bar
Drill /Ballast Water	7 TK=459.8 m3 (100%)
Liquid Mud	395.3 m3 – 1 x 75 m³/h at 7 bar
Brine/Ballast	N/A (Same as Liquid Mud)
Cement Tank	174.4 m3 – 4 tanks-sg 2.5-2 products
Dispersant	19.8 m3
Lube Oil	14.3 m3 (100%)
Dirty Oil	10.49 m3
Hydraulic Oil	9.3 m3
Liquid Safra Oil	N/A
Bilge Holding Sewage Tank	BILGE TK=10.5m3 & SEWAGE 6.7 m3
Foam / Detergent	19.2 m3

PERFORMANCE

Max Speed	13 knots	(31.2 m3/day)
Service Speed	12 knots	(24/day)
Economic Speed	09 knots	(19.68/day)

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SAFETY EQUIPMENT

Fifi Class (Yes or No)	YES
Life Rafts	5 Nos
Rescue Boat	FRC
Life Buoys	8 nos (2 mob, 2 + light & Line, 4 + Line))
Life Jackets	33 Nos
Work Vest	PFD 10 Nos
Rescue Scoop	2 Scramble net onboard
Scrambling Nets	2 Nos
Overside Rescue Zones	2 Nos
DC Davits	Pedestal Crane 14 m x SWL 1.7 t
FRC Davit	1 No
Monitor Control	1 No (Bridge Fwd)
Fire Monitors	2 Nos (with Remote)
Range	120 m From Bow/ 50m at 70m distance
Pump Capacity	2,400 m³/h
Emergency Fire Pump	1 NOS
Fire Monitors	2 Nos (Fixed)
Portable Fire Extinguishers	11 x CO2 / 1 x Foam / 44 x DCP
Fire Station	1 No
Spray Boom	2 Nos
Oil Dispersant	1 Tank @ 19.8 m3
Searchlights	3 Nos (1 Fwd + 2 Aft)
Night Vision Equipment	2 Binocular + CCTV
Fire Fighting	2,400 m³/h

ACCOMMODATIONS

Total Accommodation	28 persons
Total No. of Passenger (For Charterer's Use)	12 persons
Single Rooms	6
Double Rooms	5
Others	3x 4 men cabins
Hospital	1

*All cabins are fully air-conditioned, complying with ILO 92, IMO Resolution A468 (XII)

ELECTRONICS & CONTROLS

Radar	
Radar 2	2 Nos (1 No X band & 1 No S band)
Gyro Compass	1 No (For Nav Equipment's)
Magnetic Compass	1 No
GPS	2 No
AIS	1 No
Echo Sounder	1 No
Doppler Current Meter	1 No
Auto Pilot	1 No
SSB/ MF-HF	1 No
VHF	2 Nos
NAVTEX Receiver	1 No
GMDSS	1 No
Handheld VHF	3 nos
Rig Move Radio	N/A
Aviation Radio	N/A
INMARSAT C	1 No
EPIRB	1 No
SART	2 Nos
Speed Log	1 No
Public Address System	1 No
X – band TM radar	1 No
ECDIS	1 No
Gyrocompass	1 No (For DP)
PA System	1 No
Anemometer	1 No
Weather Fax	1 No
Wind Indicator	2 Nos

DP SYSTEM

DP 1

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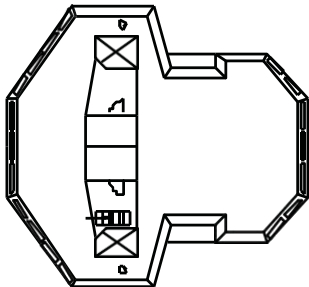
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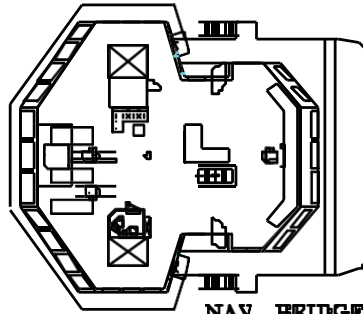
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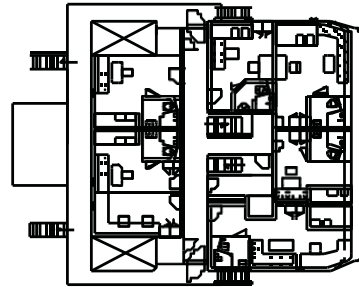
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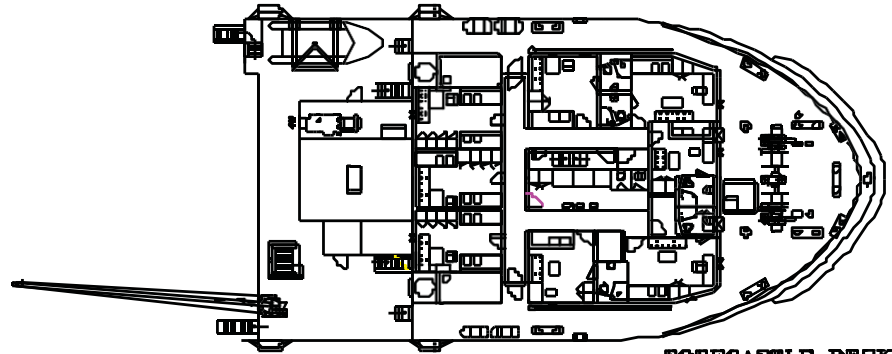
WHEELHOUSE TOP



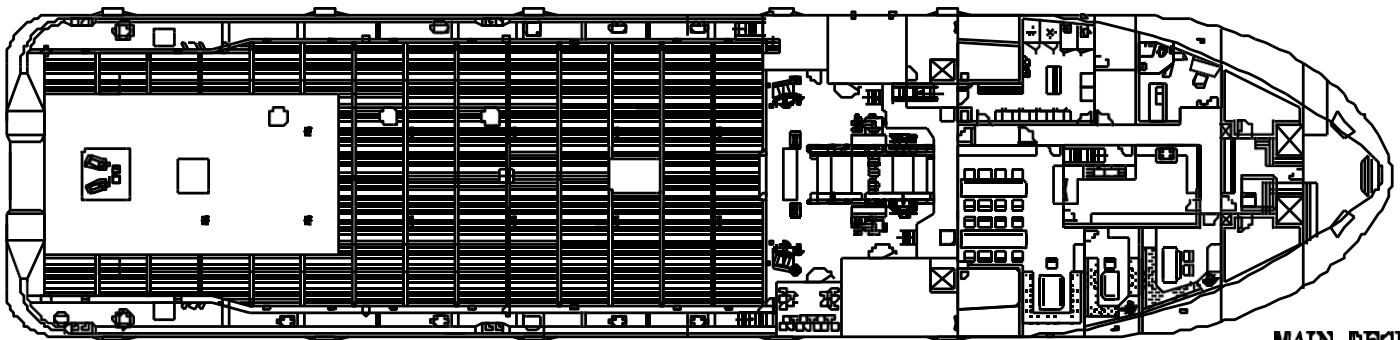
NAV. BRIDGE DECK



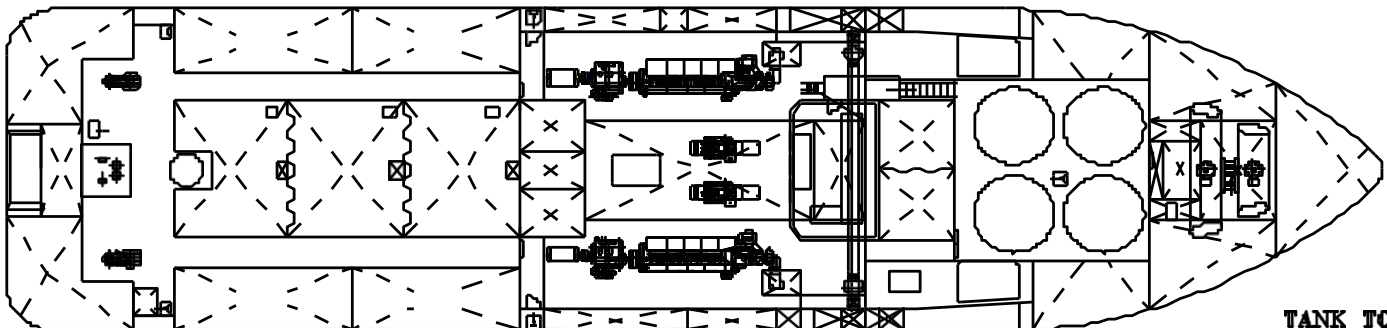
UPPER DECK



FORECASTLE DECK



MAIN DECK



TANK TOP

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