



## **Vessel Specification and Data**

**MV "African Spirit"**

**UT 706 - Design PSV**

<b>Registry Information</b>	
<b>Vessel Name</b>	MV AFRICAN SPIRIT
<b>Vessel Call sign</b>	5OGM
<b>IMO No.</b>	8111001
<b>Ship Owner</b>	G.O.S.L NIGERIA LIMITED
<b>Operator</b>	G.O.S.L NIGERIA LIMITED
<b>Port of registry</b>	LAGOS
<b>Building year</b>	1983
<b>Yard</b>	Molde Verft, Hjelseth (180)
<b>Register</b>	NIGERIA
<b>Flag</b>	NIGERIAN
<b>V-Sat</b>	+234 (0) 8139841387
<b>V-Sat</b>	+234 (0) 8139841380
<b>Whats App</b>	+234 (0) 8160889422
<b>GSM Mobile Nigerian</b>	+234 (0) 8160889422
<b>E- Mail</b>	<a href="mailto:African.spirit@goslng.com">African.spirit@goslng.com</a> <a href="mailto:africanspirit7@gmail.com">africanspirit7@gmail.com</a>
<b>CCTV system</b>	5 cameras around ship
<b>Satellite TV</b>	Installed in every cabin
<b>Number of Crew and Nationality</b>	9 Nigerian (optional Captain and Chief Engineer Expats)

<b>Classification Information</b>	
<b>Classification society</b>	I.N.S.B
<b>Type of vessel</b>	UTILITY VSL / PSV
<b>Class Notation:</b>	H/M -100- A-E UTILITY UMS
<b>Planned Maintenance system</b>	PRE MASTER PRO

<b>Vessel Measurements</b>	
<b>Length overall</b>	69,08 m
<b>Length between PP:</b>	63,61 m
<b>Breadth, Molded</b>	17,55 m
<b>Depth, Molded</b>	7,30 m
<b>Draft, Summer</b>	5,019 m
<b>Freebaord, Summer</b>	2,68 m
<b>Draft, Minimum</b>	3,70 m

<b>Tonnage</b>	
<b>GT</b>	2169
<b>NT</b>	650
<b>Deadweight 3,5 M</b>	1060 tons
<b>Deadweight 4,5 M</b>	2020 tons
<b>Deadweight 5 M</b>	2512 tons
<b>Displacement</b>	3981 tons
<b>Light Ship</b>	1482,2 tons

<b>Propulsion/Positioning</b>	
<b>Main Engines</b>	2 x 3060 BHP Bergen diesel, total 6,120 BHP (4500KW)
<b>Generators</b>	2 x 1570 kVA (PTO shaft generators)
<b>Generators</b>	2 x 244 kW Cummins 440v/60 Hz
<b>Propellers</b>	2 x Controllable pitch, 2500 med mer. diameter
<b>Rudders</b>	2 x Spade
<b>Thrusters</b>	2 x 800 BHP Ulstein RR forward
	2 x 800 BHP, Ulstein RR aft
<b>Joystick</b>	RR Poscon
<b>Speed/Consumption</b>	
<b>Stand-by</b>	Abt. 4 ton
<b>Service speed</b>	Abt. 6 knots on abt. 11 ton
<b>Full speed</b>	Abt. 11 knots on abt. 23 ton

<b>Cargo &amp; Discharge Capacity</b>	
<b>Deck area total</b>	630 m <sup>2</sup> 42 meters x 15 meters
<b>Deck cargo capacity</b>	2200 tons max
<b>Fuel Oil</b>	914 m <sup>3</sup>

<b>Cargo &amp; Discharge Capacity</b>	
<b>Potable/drill Water</b>	650 m3 (drill water 340 m3)
<b>Brine</b>	250 m3 S.G. 1.8
<b>Mud</b>	344 m3 S.G. 1.8
<b>Base Oil</b>	198 m3 S.G. 1.8
<b>Ester</b>	198 m3
<b>Oil Recovery</b>	1040 m3
<b>Dry Bulk</b>	378 m3 in 8 tanks
<b>Fuel Oil</b>	0 - 250 m3 / hour at 9 bar Flow Meter with print-out facility
<b>Potable Water</b>	0 - 250 m3 / hour at <b>9 bar</b>
<b>Drill Water</b>	2 x 170 m3 / hour at <b>6 bar</b>
<b>Brine</b>	1 x 100 m3 / hour at <b>9 bar</b>
<b>Base Oil</b>	1 x 160 m3 / hour at <b>9 bar</b>
<b>Dry Bulk</b>	2 x 20 m3 / hour at <b>80 psi</b>
<b>Mud</b>	2 x 50 m3 / hour at <b>9 bar</b>

<b>Cargo Transfer Connections</b>	
<b>Couplings, Lines</b>	Weco 4", Weco 5" and Avery Hardoll 4" – Several reducers available on board

<b>Deck Capacities</b>		
<b>Fire monitors</b>	2 x 1.500	m3/hours
<b>Vertical length</b>	70	m (min.)
<b>Horizontal length</b>	100	m (min.)
<b>Deck timber shelter</b>	5	tons/m2
<b>Rails</b>	2,6	meters high
<b>Tugger winch</b>	2 x 10	tons pull
<b>Deck cranes</b>	1 x 20	t/m Hydralift/Sealand (SWL 2,2 t at 9 m)
<b>Windlass</b>	1x	Brattvaag anchor windlass
<b>Anchors</b>	2x	Anchors plus 1 spare each of 2100 kg
<b>Capstans</b>	2x	8,5 ton
<b>FRC - Optional</b>	2x	Optional
<b>Rescue boat</b>	1x	Fassmer 6 persons, min 6knots diesel outboard engine
<b>Sea Rescue</b>	1x	Rescue Scoop Crane operated

<b>Deck Capacities</b>		
<b>Rescue Areas</b>	2x	Rescue Zones Mid ship + 2 x Drop Zones forward and aft

<b>Accommodation</b>	
<b>Total capacity</b>	35 beds (33 beds + 2 hospital beds)
<b>Cabins</b>	<p><b>Boat Deck:</b>  1 x man Captain cabin  1 x man Chief Engineer cabin</p> <p><b>Forecastle Deck:</b>  2 x men Hospital (this may only be used by persons being hospitalized)  1 man Motorman cabin (this cabin has engine room call alarm installed)  1 man Second Engineer (this cabin has engine room call alarm installed)  1 man Electrician cabin  2 men Cook (cabin (this cabin is for two Cooks if required during the project)  1 man cabin Second Officer  1 man cabin Chief Mate  1 man cabin Client</p> <p><b>Shelter Deck:</b>  7 men cabin for project personnel</p> <p><b>Main Deck:</b>  2 men cabin Rating Crew  2 men cabin Rating Crew  2 men cabin Rating Crew  2 men cabin  2 men cabin  2 men cabin  2 men cabin  2 men cabin  2 men cabin</p>
<b>Office Space</b>	20' Office Container fitted on deck fully furnished and air-conditioned

<b>Rolling Tanks</b>	
<b>Anti Rolling System</b>	2 x Ulstein Anti rolling tanks



<b>Position Reference System</b>	
<b>Reference System</b>	GPS  (Optional - USBL Pole – installed as “over the side” on STB)

<b>Personnel Transfer</b>	
<b>Personnel Transfer</b>	Surfer/Boat Landing on STB

<b>Navigation Equipment</b>	
<b>Radars</b>	1 x Furuno FR2117-BB
<b>Wind sensor</b>	1 x Kelvin Huges / JRC
	1 X MK – 878 Malling Kontrol
<b>Echo Sounder</b>	1 x Elac LAZ 5000
<b>Gyrocompass</b>	1 X Simrad GC - 80
<b>Autopilot</b>	1 X Robertson AP- 9 MK- 3
<b>Doppler Log</b>	1 X JRC JLN 203
<b>GPS</b>	1 X Furuno GP-90
<b>AIS</b>	1 X Furuno GP-150
	1 X JRC JHS-182

<b>Communication Equipment</b>	
<b>Radio Station</b>	GMDSS - area A1 + A2 + A3 Sailor Compact GMDSS Radio Station, incl HF/MF/Inmar Sat C
<b>Telex</b>	Inmarsat C and Radio HF/MF - telex/DSC
<b>Telephone</b>	Optional Satellite Telephone NERA
<b>VHF</b>	1 X Sailor DSC RM - 2042
	1 X Sailor DSC RT - 5022
	1 X Sailor RT - 2048
<b>UHF</b>	2 x installed on bridge
	2 x movable installed in ECR
<b>VHF Portable (GMDSS)</b>	3 X Jotron Tron VHF + spare batteries + 4 Motorola UHF
VHF Portable (Non - GMDSS)	3 X ICOM
<b>SART</b>	2 X Jotron Radar transponder 9 GHz
<b>EPIRB</b>	1 x Tron 45 SX Cospas - Sarsat
<b>Internet</b>	Satellite internet available onboard + connection of offline containers and offices on deck + WI FI