

## AL-SAFLIYA

REGISTRATION AND BARGE DATA		NAVIGATION EQUIPMENT	
Year built	2015	Radar (JRC) X-BAND + S-BAND	2
Flage	Republic of Liberia	ECDIS (JRC)	2
Port of Registry	Monrovia	Echo Sounder (SKIPPER)	1
Registered Vessel Name	AL-SAFLIYA	Wind speed indicator	1
Registered Owner	Gulf Driling International	Portable wind speed indicator	1
Builder	NAKILAT - KEPPEL OFFSHORE & MARINE LTD	Navtex Receiver	1
Registration no.	DO2612774	GPS	1
Official No.	16599	Radio faxsimile reciever	1
MMSI NO.	636016599	Auto pilot	1
Class	ABS	VDR (DANELEC MARINE)	1
Barge is certified to operate in area	A1, A2, A3	Gyro compass (YOKOGAWA)	1
HULL NO.	NKOM H 101	Magnitic compass (LILLEY & GILLIE)	1
CALL LETTERS	D5GX8	Off course alarm unit	1
IMO NO.	9760794	Speed log (SKIPPER)	1
ABS ID	YY255697	AIS (KODEN)	1
Type	Bennet & associates, L.L.L. V-909 class lift boat	Speed log	1
Load line displacement	8901 T	BNWAS	1
NT	2170 T		
GT	7235 T		
DIMENSIONS		SAFETY AND FIRE EQUIPMENT	
Length Overall	61m (not including helideck)	Life Boats	2 x 150 Persons enclosed watercraft life boats
Breadth Molded	38m (not including life boats)	Life Rafts	8 x 39 persons each = 312 persons
Hull depth Molded	7m	FRC	1
Load line draft	4.35m	Fire / General Alarm	1
		Fire Extinguishers	
MACHINERY		WINCHES & MOORING SYSTEM	
Main Propulsion	3 x 630 kWt (CAT MTA 215)	Life Jackets	150
Bow thrusters	1 x 450 kWt (CAT MTT 113)	Heli deck fixed foam system	1
Estimated Av. Cruising Speed	4.5 knots	Sprinkler system	1
DP system	1	Galley fire fighting system	Wet chemical
Diesel oil purifier	2	CO2 System	Main Engin room
Emergency Generator	1 X 600 kw		Engine control room
Hot water heater	3		Emergency generator room
Chiller unit	2		Paint store
Main Engine Generators	4 X 1500 kw 3512CHD CAT LA4752	Gas detection system	1
Air compressors	2	Fire detection system	1
Submersible Pumps	3 Raw Water Hose Reel with Submersible Pumps	CCTV system (6 camiras)	1
TANK CAPACITIES		LEGS & JACKING SYSTEM	
Jetting Pump	HP Leg Jetting Pump	Winches	2
Fire / GS Pump (175m³/h)	2	Anchors	2
Emergency Fire Pump (175m³/h)	1		
Main Sewage Treatment Unit	1 Hamworthy ST 20-C	Leg Construction	
Oily Water Separator	1	Normal Projection of leg below Hull during transit	460 mm
Water Maker	3	Leg Length	100 m
IAS work station	1	Amount of Useable Leg below Hull including pads	80.74 m
UV striliser	2	Minimum projection of leg below hull for shallow water transit	0.00 mm
Trash compactor	1	Jacking speed	3ft - 6 ft
		Allowable jacking variable load	1256.8 T
Fuel Oil	485.4 m³	Preload limit per leg	2589 T
Fresh water	640.6 m³	Weight of the legs including pads	2396 T
Ballast	1248 m³	Jacking system	National Oilwell Varco BLM D20V Electric Rack and Pinion Jacking System
Diesel Oil Day Tank and Service Tank	61.6 m³	Depth of pads	1.55 m
Emergency Generator Fuel Tank	3.93 m³	Usable leg below hull	80.74 m
Lube Oil Tank	2.93 m³	Size of pads	8 m X 12 m
Wast Oil Tank STBD	49.1 m³	Center of FWD legs to centerline of aft legs	31.00 m
Oily Bilge Tank Port	49.1 m³	Center of port legs to centerline of STBD legs	30.00 m
Sludge Tank	9.8 m³	Max. Recommended Operating water depth	65.00 m
Leg Pads	394.8 m²		
Grey Water Holding Tank	20.6 m³		
CRANES		Design Deck Loading	
		Open deck area	m²
		Design deck loading Forecastle	460 kg/m²
(1) TTS NMF Crane type LEC 200020, Leg Encircling Crane (port side)	Main hoist capacity (onboard lift) 200 mt	Design deck loading Main deck F0/F10	460 kg/m²
	Main hoist outreach 9.0 to 55.0 m	Design deck loading Main deck F10 / F 30	5000 kg/m²
	Auxiliary hoist capacity (onboard lift) 15 mt	Design deck loading Main deck cargo rack F 10 / F 30 (0.0 m to 10.85m off CL, load applied directly to frames only)	7500 kg/m²
	Auxiliary hoist outreach 10.5 to 59.3 m		
(1) TTS NMF Crane type OC 50014, pedestal crane	Main hoist capacity 50 mt	Design deck loading Macinary spaces	920 kg/m²
	Main hoist outreach 8.5 to 41.1 m	Design deck loading Macine shop	920 kg/m²
	Auxiliary hoist capacity 5 mt	Design deck loading Store room	920 kg/m²
	Auxiliary hoist outreach 9.5 to 43.2 m	Design deck loading Quarter deck	460 kg/m²
		Design deck loading House top	460 kg/m²
		Design deck loading Heli port	24 kg/m²

## AL-SAFLIYA

COMMUNICATION		HELIDECK	
GMDSS station	1	Dimension	22.2m diameter
SSB	1	Load Capacity	9298 Kg
VSP (VINGTOR)	1	Heli deck type	Sikorsky S-61N
VHF DSC	1	ACCOMMODATION	
MF / HF	1	Capacity	132 Persons
Portable GMDSS VHF	6	One man cabin: 8	8 X 1 = 8 Beds
VHF AM air band emergency transceiver	1	Two men cabins: 18	18 x 2 = 36 Beds
Fleet Broad band (Tel. - Fax - Data)	1	Four men cabins : 22	22 X 4 = 88 Beds
Intercom system with paging facility	1	Sickbay	1 X 2 bed
WI FI Internet	Available	Prayer Room	1
Areo band station	1	Mess Rooms:	1
MF/HF DSC	1	Recreation rooms:	2
SSAS	1	Smoking room	1
Auto telephone system	1	Working smoking room	1
Portable hand held VHF		Working recreation room	1
EPIRB	2	Air Condition	All Accommodation is fully air conditioned
		Offices	11
SART	5	Meeting Rooms	2