

**INTERTANKO Standard Gas Form – LPG**

<b>1.</b>	<b>GENERAL INFORMATION</b>		
1.1	Vessel's name (IMO number):	Js Jaguar (9578024)	
1.2	Flag/Port of Registry:	Singapore/Singapore	
1.3	Date delivered/Builder:	Sep 21, 2012/Sinopacific Offshore & Engineering, Nantong, China	
1.4	Hull Type:	Double Hull	
1.5	Call sign/MMSI:	9V9996/566679000	
1.6	Vessel's contact details (satcom/email):	Tel: +870 773187692 / +47 23673671 Email: js@jaguar.evergasships.com	
<b>Classification</b>			
1.7	Classification society:	Bureau Veritas	
1.8	Class notation:	BV HULL MACH Liquefied Gas Carrier; FLS tanker Unrestricted Navigation AUT-UMS, SYS-NEQ, MON-SHAFT, BWE, CLEANSHIP, INWATERSURVEY	
1.9	Previous Classification Society (if applicable) / Date of Classification Society Change	Det Norske Veritas	Jul 06, 2016
1.10	EEDI Rating:	2	
1.11	Does the ship have a Condition Assessment Programme (CAP) rating? What is the latest CAP rating (if applicable)	No,	
<b>Ownership and Operation / QI</b>			
1.12	Registered owner - Full style:	Marina Mars Shipping Pte Ltd 8 Marina Boulevard, #26-00 Marina Bay Financial Centre Tower 1, Singapore 018981 Singapore	
1.13	Technical operator - Full style:	Evergas Ship Management Pte. Ltd. 21 Ubi Road 1 #06-01 Singapore 408724 Singapore Tel: +65 69041939 Fax: +65 66920067 Telex: N/A Email: marine@evergas.net Web: www.evergas.net Company IMO#: 5881733	
1.14	Commercial operator - Full style:	Evergas Kalvebod Brygge 39-41, Copenhagen 1560-DK Denmark Tel: +45 3997 0350/7 Fax: Not Applicable Telex: Not Applicable Email: operation@evergas.net Web: www.evergas.net	
1.15	Qualified Individual - Full style:	O'Brien's Response Management 818 Town and Country Blvd., Suite 200 Houston, TX 77024 USA Tel: +1-281-606-4818 (24 Fax: +1-203-857-0428 Email: commandcenter@wittobriens.com Web: www.witobriens.com	
<b>Insurance</b>			
1.16	P & I Club - Full Style:	The Britannia Steam Ship Insurance Association Limited Regis House, 45 King William Str., London EC4R 9AN, UK Tel: +44 20 7407 3588 Fax: +44 20 7403 3942 Web: www.britanniapandi.com	
<b>Dimensions</b>			
1.17	Type of vessel (Fully ref / semi ref / pressurized):	Pressurized	
1.18	Length overall (LOA):	99.90 Metres	
1.19	Extreme breadth (Beam):	17.40 Metres	
1.20	Distance bow to bridge:	80.00 Metres	
1.21	Parallel body distances	Lightship	Normal Ballast Summer Dwt

Parallel body length:	31.90 Metres	42.00 Metres	47.00 Metres
Aft to mid-point manifold:	26.30 Metres	30.20 Metres	33.30 Metres
Forward to mid-point manifold:	5.60 Metres	11.80 Metres	13.70 Metres

<b>Tonnages</b>			
1.22	Gross Tonnage:		5,036.00
1.23	Net Tonnage:		1,511.00
1.24	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):	5,558.71	4,447.42

<b>Loadline Information</b>					
1.25	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	4.65 Metres	7.06 Metres	4,986.00 Metric Tonnes	8,422.00 Metric Tonnes
	Winter:	4.65 Metres	7.06 Metres	4,986.00 Metric Tonnes	8,422.00 Metric Tonnes
	Tropical:	4.65 Metres	7.06 Metres	4,986.00 Metric Tonnes	8,422.00 Metric Tonnes
	Normal Ballast Condition:	6.50 Metres	5.20 Metres	2,390.00 Metric Tonnes	5,820.00 Metric Tonnes
1.26	FWA/TPC at summer draft:			145.00 Millimetres	14.50 Metric Tonnes
1.27	Does vessel have multiple SDWT? If so, please enter Maximum deadweight (mt)	No			

<b>2. DEADWEIGHTS</b>					
*All cargoes listed are as per Certificate of Fitness					
	Cargo	Draft Fore' (m)	Draft Aft' (m)	Draft Mean (m)	Corresponding Deadweight (mt)
2.1	Full Cargo (PROPANE) (98%)	(82.59%) - 6.50	(82.59%) - 6.80	(82.59%) - 6.65	(82.59%) - 4446
2.2	Full Cargo (N-BUTANE) (98%)	(87.79%) - 6.97	(87.79%) - 6.97	(87.79%) - 6.97	(87.79%) - 4857
2.3	Full Cargo (BUTADIENE) (98%)	(87.70%) - 6.75	(87.70%) - 7.03	(87.70%) - 6.89	(87.70%) - 4760
2.4	Full Cargo (PROPYLENE) (98%)	(82.10%) - 6.61	(82.10%) - 6.81	(82.10%) - 6.71	(82.10%) - 4488
2.5	Full Cargo (VINYL CHLORIDE MONOMER) (98%)	(87.16%) - 6.25	(87.16%) - 7.86	(87.16%) - 7.06	(87.16%) - 5096
2.6	Full Cargo (VINYL CHLORIDE MONOMER) (98%)	(70%) - 6.26	(70%) - 7.45	(70%) - 6.86	(70%) - 4772
2.7	Full Cargo (ISOPRENE) (98%)	(90.07%) - 6.70	(90.07%) - 7.12	(90.07%) - 6.91	(90.07%) - 4798
2.8	Full Cargo () (98%)				
2.9	Full Cargo () (98%)				
2.10	Full Cargo () (98%)				
2.11	Full Cargo (Vinyl Chloride Monomer) (70%)				

<b>3. CARGO TANK CAPACITIES</b>											
*All cargoes listed are as per Certificate of Fitness											
		Density	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5	Tank 6	Tank 7	Tank 8	Total
3.1	Cubic Metre @ 100%	-	1,790.20 Cu. Metres	3,250.07 Cu. Metres							5040.27 Cu. Metres
3.2	Cubic Metre @ 98%	-	1754.400 Cu. Metres	3185.070 Cu. Metres	Cu. Metres	Cu. Metres	Cu. Metres	Cu. Metres	Cu. Metres	Cu. Metres	4,939.47 Cu. Metres
3.3	Cargo 1	0.5075 @ 15 Degrees Celsius	1476.160	2683.598							4159.758
3.4	Cargo 2	0.584 @ 15 Degrees Celsius	1569.102	2852.563							4421.665
3.5	Cargo 3	0.627 @ 15 Degrees Celsius	1567.493	2849.639							4417.132
3.6	Cargo 4	0.5235 @ 15 Degrees Celsius	1467.402	2667.677							4135.079
3.7	Cargo 5	0.923 @ 15 Degrees Celsius	1557.842	2832.093							4389.935
3.8	Cargo 6	0.923 @ 15	1251.135	2274.511							3525.646

		Degrees Celsius									
3.9	Cargo 7	0.686 @ 15 Degrees Celsius	1608.602	2924.371							4532.973
3.10	Cargo 8										
3.11	Cargo 9										
3.12	Cargo 10										
3.13	Vinyl Chloride Monomer (VCM)										
3.14	Additional Comments										

<b>4.</b>	<b>DECK MACHINERY</b>										
	<b>Mooring</b>										
4.1	Number Of Mooring Winches:					Forecastle: 2 Main deck fwd: 0 Main deck aft: 0 Poop deck: 2					
4.2	Mooring lines on drum (Number/Length / Diameter)					None					
4.3	Mooring Lines (Material)					Not Applicable					
4.4	Number of Mooring lines onboard:					16					
4.5	Mooring ropes on drum (Number/Length / Diameter)					Forecastle: 4 / 220 Metres / 44 Millimetres Poop: 4 / 220 Metres / 44 Millimetres					
4.6	Mooring ropes (Material)					Forecastle: MIXED POLYOLEFINS (B5 YARN) AND HT PES Fwd main deck: Not Applicable Aft main deck: Not Applicable Poop: MIXED POLYOLEFINS (B5 YARN) AND HT PES					
4.7	Number of Mooring ropes onboard:					16					
4.8	Ship design minimum breaking load (mt):					47.60 Metric Tonnes					
4.9	Winch Brake holding Capacity (mt):					20.5 Metric Tonnes					
	<b>Lifting Equipment</b>										
4.10	Number of Cranes:					1					
4.11	SWL Of Cranes(mt):					2.00 Metric Tonnes					

<b>5.</b>	<b>MACHINERY AND PROPULSION</b>										
	Engines	No	Power (KW)	Make/Type							
5.1	Main Engine:	1	3,000 Kilowatt	MAN 6L32/40							
5.2	Auxiliary Engine:	3	425 Kilowatt	AB Volvo Penta D16 MG							
5.3	Main Engine - Type of fuel used:	IFO 180									
5.4	Auxiliary Engine - Type of fuel used:	LSMGO									
	<b>Propulsion</b>										
5.5	Propeller number and type:					Single, Controllable					
5.6	Bow Thruster Power (if fitted)					Yes					
	<b>Bunkers</b>										
5.7	Capacity of bunker tanks:					Fuel Oil: 556.64 Cu. Metres Diesel Oil: 0 Cu. Metres Gas Oil: 131.31 Cu. Metres					
5.8	Ballast Tank Capacity (100%)					1,929.40 Cu. Metres					

<b>6.</b>	<b>CARGO HANDLING</b>										
6.1	Discharging General										
	Number of Cargo tanks: 3										
6.2	Cargo Pumps	Type	No. per tank	Run simultaneously at full capacity	Rate per pump (m3 per hour)						

		Deepwell	1	3	200.00 Cu. Metres/Hour
6.3	Number and Capacity of Booster Pumps				,
6.4	Max loading rate for homogenous cargo (without vapour return):			450 Cu. Metres/Hour	
6.5	Max loading rate for homogenous cargo per manifold (without vapour return):			450 Cu. Metres/Hour	
<b>Unpumpables</b>					
6.6	Total Unpumpables				
<b>Transport and Carriage Conditions</b>					
6.7	What is the minimum/maximum permissible tank pressure?			-0.30 Kp/Sq. Centimetre	18.60 Kp/Sq. Centimetre
6.8	What is the minimum/maximum permissible tank temperature?			-10.00 Degrees Celsius	45.00 Degrees Celsius
6.9	Does the vessel have a cargo heater? If yes, state capacity of cargo heater			Yes If yes: Max Capacity: 200 Cu. Metres/Hour Min Capacity: 50 Cu. Metres/Hour	
6.10	Number and capacity of Vapouriser			0 <u>Capacity per unit:</u> Ammonia: Nitrogen: Propane:	
6.11	Number and capacity of Cargo Deck Tanks			<u>Capacities:</u> Propane: Butane: Ammonia:	
6.12	IS ESD shore connection available? If yes, state type of connection			Yes , If yes: Pneumatic: No Electrical: Yes Fiber Optic: No	
6.13	Maximum number of grades that can be loaded/carried/discharged simultaneously with complete segregation			2	
6.14	No. of products that can be conditioned by the reliquefaction plant simultaneously			0	

<b>7.</b>	<b>INERT GAS</b>				
	<b>Main IG Plant</b>				
7.1	Inert gas system fitted:			Yes	
7.2	Inert Gas Capacity:			200.00 Cu. Metres/Hour	
7.3	Inert Gas – Lowest dew point achievable				
	<b>Nitrogen</b>				
7.4	N2 Plant fitted:			Yes	
7.5	N2 Generating Plant – Lowest dew point achievable			-50.00 Degrees Celsius	

<b>8.</b>	<b>RELIQUEFACTION PLANT</b>				
8.1	Coolant Type:				
8.2	Manufacturer/type of compressors:			Kohler & Horter (piston compressor)	Other
8.3	Number and capacity of compressors:			1	400.00 Cu. Metres/Hour (per unit)
8.4	Are compressors oil free?:			Yes	
	<b>Plant Design Conditions</b>				
8.5	Design temperature conditions - Air				
8.6	Design temperature conditions - Sea				

<b>9.</b>	<b>MANIFOLD</b>				
9.1	Type of manifold valve:			Globe	
9.2	Manifold layout (Fwd to Aft):			L1 - V1 - V2 - L2	

9.3	Do manifold arrangements comply with SIGTTO standards?	Yes				
9.4	Liquid manifold size:	8/300 lbs/sq in				
9.5	Vapour manifold size:	4/300 lbs/sq in				
9.6	Are local pressure gauges fitted outboard of the manifold valve:	Yes				
9.7	<b>Pipe Flange</b>					
	Pipe Flanges	<b>Pipe Flange letter</b>	<b>Duty</b>	<b>Rating (bar)</b>	<b>Size</b>	<b>Raised/Flat face</b>
		C	Cargo	25.00	150.00	Flat face
		E	Vapour	25.00	100.00	Flat face
		F	Cargo	25.00	150.00	Flat face
		D	Vapour	25.00	100.00	Flat face
	<b>Dimensions</b>					
9.8	Bow to center manifold (BCM)/Stern to center manifold (SCM):	44.90 Metres			54.95 Metres	
9.9	Distance manifold to ship side:	3,100.00 Millimetres				
9.10	Height above uppermost continuous deck:	1,700.00 Millimetres				
9.11	Height of the manifold connections above the waterline at light condition:	8.20 Metres				
9.12	Height of the manifold connections above the waterline at loaded condition:	6.34 Metres				
9.13	Reducers:	No.	Flange Rating	Size	Length	
	ANSI Class 300:	7	25.00 bar	200.00 Millimetres	360.00 Millimetres	
	ANSI Class 300 to 150:	10	25.00 bar	300.00 Millimetres	340.00 Millimetres	
	ANSI Class 150:	0				

<b>10.</b>	<b>SHIP TO SHIP TRANSFER</b>				
10.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquefied Gas, as applicable)?	Yes			

Revised 2019 ([INTERTANKO/Q88.com](http://www.intertanko.com))

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