

INTERTANKO Standard Gas Form - LNG

1.	GENERAL INFORMATION	
1.1	Vessel's name (IMO number):	Js Ineos Independence (9744960)
1.2	Flag/Port of Registry:	Malta/Valletta
1.3	Date delivered/Builder:	Mar 15, 2017/Nantong Sinopacific Offshore & Engineering Co. Ltd.
1.4	Hull Type:	Double Bottom
1.5	Call sign/MMSI:	9HA4327/249652000
1.6	Vessel's contact details (satcom/email):	Tel: +47 2240 7728 Email: Js.Independence@Skyfile.Com
Classification		
1.7	Classification society:	Bureau Veritas
1.8	Class notation:	BV I, +HULL, +MACH, Liquefied Gas Carrier, Type 2G - Dualfuel, Unrestricted Navigation,CPS (WBT), +VeriSTAR - HULL DFL 25 Years, +AUT-UMS, +SYS-NEQ, MON-SHAFT, GREEN PASSPORT, CLEAN SHIP, INWATERSURVEY
1.9	Previous Classification Society (if applicable) / Date of Classification Society Change:	Not Applicable
1.10	EEDI Rating:	8.38
1.11	Does the ship have a Condition Assessment Programme (CAP) rating? What is the latest CAP rating (if applicable):	No,
Ownership and Operation / QI		
1.12	Registered owner - Full style:	Xiangtong International Ship Lease Co., Ltd. 1/F. Far East Consortium Building 121 Des Voeux Road Central, Hong Kong China Tel: +86 21 5355 9858 Fax: +86 21 6278 3326 Telex: N/A Email: fang_xz@bankcomm.com Web: N/A
1.13	Technical operator - Full style:	Evergas Ship Management Pte Ltd 21 Ubi Road 1, #06-01, Singapore 408724 Singapore Tel: +65 6904 1939 Fax: +65 6692 0067 Telex: N/A Email: marine@evergas.net Web: www.evergas.net Company IMO#: 5881733
1.14	Commercial operator - Full style:	Evergas Management A/S Kalvebod Brygge 39-41 1560 Copenhagen Denmark Tel: +45 3997 0372 Fax: N/A Telex: N/A Email: operation@evergas.net Web: www.evergas.net
1.15	Qualified Individual - Full style:	O'Brien's Response Management, L.L.C 818 Town and Country Blvd., Suite 200 Houston, TX 77024 USA Tel: +1-281-606-4818 Fax: Not Applicable Telex: Not Applicable Email: commandcenter@wittobriens.com Web: www.wittobriens.com
Insurance		
1.16	P & I Club - Full Style:	GARDGard P. & I. (Bermuda) Ltd. Norwegian Branch Kittelsbukveien 31 4836 Arendal NorwayTel: +47 90 52 41 00Fax: +47 37 02 48 10Telex: N/AEmail: companymail@gard.noWeb: www.gard.no

Dimensions					
1.17	Length overall (LOA):			180.30 Metres	
1.18	Extreme breadth (Beam):			26.60 Metres	
1.19	Moulded depth:			17.80 Metres	
1.20	Distance bow to bridge:			142.80 Metres	
1.21	Distances	Lightship	Normal Ballast	Summer Dwt	
	Parallel body length:	47.90 Metres	63.20 Metres	83.20 Metres	
	Vapour centreline to aft:	24.10 Metres	30.30 Metres	43.30 Metres	
	Vapour centreline to forward:	23.80 Metres	32.90 Metres	39.90 Metres	
Tonnages					
1.22	Gross Tonnage:			22,887.00	
1.23	Net Tonnage:			6,866.00	
1.24	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):		24,966.94	21,589.49	
Loadline Information					
1.25	Loadline	Summer	Winter	Tropical	Ballast
	Freeboard (m):	5.41 Metres	5.61 Metres	5.22 Metres	8.30 Metres (8.30 mtrs measured at freeboard deck (aft lower deck) level. 11.30 mtrs measured amidship.)
	Draft (m):	9.40 Metres	9.20 Metres	9.60 Metres	6.50 Metres (Draft Aft: 7.15; Mid: 6.50; Fwd: 5.85 mtrs)
	Deadweight (m):	20,917.90 Metric Tonnes	20,096.30 Metric Tonnes	21,743.90 Metric Tonnes	9,681.00 Metric Tonnes
	Displacement (m):	32,087.90 Metric Tonnes	31,040.70 Metric Tonnes	32,913.90 Metric Tonnes	20,851.00 Metric Tonnes
1.26	FWA/TPC at summer draft:			186.00 Millimetres	41.90 Metric Tonnes
1.27	Design Draft:				9.40
1.28	What is the max height of mast above waterline (air draft):			37.10 Metres	
1.29	Does vessel have multiple SDWT? If so, please enter Maximum deadweight (mt):			Yes	

2. CARGO TANKS		
2.1	Type of Cargo Tank:	Independent
2.2	If Independent then Type:	C
2.3	Type of Cargo tank Containment System:	Type C
Design Tank Pressure		
2.4	What is the minimum design tank pressure?:	-0.25 bar
2.5	What is the maximum design tank pressure?:	4.50 bar
2.6	What is the minimum design tank temperature?:	-163.00 Degrees Celsius
2.7	What is the maximum design tank temperature?:	45 Degrees Celsius
Transport and Carriage Conditions		
2.8	Material of construction of cargo piping system:	Stainless Steel
2.9	What is the design natural boil-off rate for fully laden condition by percentage of:	
Loading Operations		
2.10	Maximum loading rate with vapour return (m3 per hour):	2,100.00 Cu. Metres/Hour
2.11	Maximum loading rate without vapour return (m3 per hour):	2,100.00 Cu. Metres/Hour

3. CARGO TANK CAPACITIES	
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3.1	Cargo Tank Capacities	Tank number	Capacity (100%) (m3)	Temp (m3)	Max capacity (m3)	Lower slosh (m3)	Upper slosh (m3)	
		1	8188.96	20.00	8073.12	0.00	0.00	
		2	9687.06	20.00	9556.25	0.00	0.00	
		3	9677.99	20.00	9547.27	0.00	0.00	
3.2	Total Capacity of all tanks (100%) at reference temperature:	27,554.00 Cu. Metres						

4.	DECK MACHINERY	
	Mooring	
4.1	Number Of Mooring Winches:	Forecastle: 2 Main deck fwd: 1 Main deck aft: 1 Poop deck: 2
4.2	Mooring lines on drum (Number/Length / Diameter):	None
4.3	Mooring Lines (Material):	
4.4	Mooring ropes on drum (Number/Length / Diameter)	Forecastle: 4 / 220.00 Metres / 64.00 Millimetres Fwd main deck: 2 / 220.00 Metres / 64.00 Millimetres Aft main deck: 2 / 220.00 Metres / 64.00 Millimetres Poop: 4 / 220.00 Metres / 64.00 Millimetres
4.5	Mooring ropes (Material)	Forecastle: Polyester/PPL Mix Fwd main deck: Polyester/PPL Mix Aft main deck: Polyester Poop: Polyester
4.6	Ship design minimum breaking load (mt):	229.50 Metric Tonnes
	Lifting Equipment	
4.7	Number of Cranes:	1
4.8	SWL Of Cranes(mt):	2.00 Metric Tonnes

5.	CARGO MACHINERY	
	Main Cargo Pumps	
5.1	Number of main cargo pumps per tank:	1
5.2	Type of main cargo pumps:	Deepwell
5.3	Main cargo pumps Rated Flow:	350.00 Cu. Metres/Hour
	Stripping/Spray Pumps	
5.4	Type of stripping/spray cargo pumps:	Not Applicable
5.5	Number of stripping/spray cargo pumps per tank:	0
5.6	Stripping/spray pumps Rated Flow:	
	Emergency Cargo Pumps	
5.7	Type of emergency pumps:	Not Applicable
5.8	Location of emergency pump:	
5.9	Emergency cargo pump Rated Flow:	
	ESD System	
5.10	IS ESD shore connection available? If yes, state type of connection	Yes , If yes: Pneumatic: No Electrical: Yes Fiber Optic: Yes
	Cargo Control Room	
5.11	Is ship fitted with a Cargo Control Room (CCR)?:	Yes

5.12	Can tank innage/ullage be read from the CCR?:	Yes
5.13	Type of Remote Gauging System:	Radar GL-100
5.14	Type of Local Gauging System:	Float FTLG 807
Gas Compressors – High Duty		
5.15	Number of High Duty compressors:	2
5.16	Type of High Duty Compressors:	Burckhardt 3K140-3D_1
5.17	Capacity of High Duty Compressors:	1,050.00 Cu. Metres/Hour
Gas Compressors – Low Duty		
5.18	Number of Low Duty compressor:	0
5.19	Type of Low Duty Compressors:	
5.20	Capacity of Low Duty Compressors:	
Vaporiser		
5.21	Number of Vaporisers:	2
5.22	Vaporiser Maximum heat exchange capacity:	500.00 Kilowatt
Reliquefaction		
5.23	Can reliquefaction plant be operated concurrent with loading?:	Yes
5.24	Capacity of reliquefaction plant:	0 Kg/Cu. Metre
5.25	Capacity of GCU (if fitted):	BOG: Freeflow:

6	INERT GAS	
	Main IG Plant	
6.1	Type of Inert gas system fitted:	Not Applicable
6.2	Inert Gas Capacity:	
6.3	Inert Gas – Lowest dew point achievable:	
	Nitrogen	
6.4	Type of N2 Plant fitted:	PSA Plant
6.5	Capacity of N2 System:	1,000.00 Cu. Metres/Hour
6.6	N2 Generating Plant – Lowest dew point achievable:	-50.00 Degrees Celsius

7.	MANIFOLD					
7.1	Distance bow to vapour line (m):	96.40 Metres				
7.2	Distance stern to vapour line (m):	83.90 Metres				
7.3	Distance of presentation flange from ship side (m):	4,125.00 Millimetres				
7.4	Height above main deck (m):	2,150.00 Millimetres				
7.5	Height above ballast waterline (m):	13,470.00 Millimetres				
7.6	Height above laden waterline (m):	10,560.00 Millimetres				
7.7	Are local pressure gauges fitted outboard of the manifold valves?:	Yes				
7.8	Do manifold arrangements comply with SIGTTO standards?:	Yes				
7.9	Type of Manifold Valve:	Butterfly				
	Reducers					
7.10	Description of ANSI Class 150 reducers carried onboard	Number	From - Diameter (mm)	To - Diameter (mm)	Flange rating (bar)	Length (mm)
		2	300.00	150.00	25.00	600.00
		2	300.00	250.00	25.00	600.00
		2	200.00	100.00	25.00	600.00
		2	200.00	150.00	25.00	600.00
		2	300.00	200.00	25.00	600.00
		2	300.00	350.00	25.00	600.00
		2	300.00	300.00	25.00	600.00

		2	300.00	400.00	25.00	600.00
		2	200.00	300.00	25.00	600.00
		2	200.00	200.00	25.00	600.00
		2	200.00	250.00	25.00	600.00

8.	PROPULSION			
8.1	Engines	No	Capacity	Make/Type
	Main engine:	2	5,850 Kilowatt	Wartsila 6L50DF
	Aux engine:	2	1,110 Kilowatt	Wartsila 6L20 DF
8.2	What type of fuel is used for main propulsion/generating plant:		Dual Fuel (HFO / MDO / LNG / Ethane) / Dual Fuel (HFO / MDO / LNG)	
8.3	Propeller number and type:		Single, Controllable	
8.4	What is brake horse power of bow thruster (if fitted):		No	
8.5	Capacity of bunker tanks:		Fuel Oil: 1,261.20 Cu. Metres Diesel Oil: 491.70 Cu. Metres Gas Oil: 442.80 Cu. Metres	
8.6	Ballast Tank Total Capacity:		8,505 Cu. Metres	

9.	SHIP TO SHIP TRANSFER	
9.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquified Gas, as applicable)?	Yes

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

Form completed on <http://www.q88.com/integration.aspx> Please email support@q88.com an updated copy if this is not the latest version.