

**INTERTANKO Standard Gas Form - LNG**

<b>1. GENERAL INFORMATION</b>		
1.1	Vessel's name (IMO number):	Js Ineos Ingenuity (9685437)
1.2	Flag/Port of Registry:	Denmark/DRAGOR
1.3	Date delivered/Builder:	Jul 23, 2015/Nantong Sinopacific Ofshore & EngineeringCo. Ltd.
1.4	Hull Type:	Double Hull
1.5	Call sign/MMSI:	OWHX2/219 000 034
1.6	Vessel's contact details (satcom/email):	Tel: 870 773 922 331 Email: Js.Ingenuity@SkyFile.com
<b>Classification</b>		
1.7	Classification society:	Bureau Veritas
1.8	Class notation:	I +Hull +Mach, Liquefied gas carrier type 2G - dualfuel, Unrestricted navigation, CPS(WBT), +VeriSTAR-HULL DFL, +AUT-UMS (SS), +SYS-NEQ (SS), MON-SHAFT, GREEN PASSPORT, CLEANSHIP, INWATERSURVEY
1.9	Previous Classification Society (if applicable) / Date of Classification Society Change:	Not Applicable
1.10	EEDI Rating:	8.327
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:	SPDBFL NO. SEVEN (SHANGHAI) SHIP LEASING COMPANY LIMITED Room A-522, 188 Yesheng Road, China (Shanghai) Pilot Free Trade Zone, Shanghai, China 6110396 China Tel: +86 213 3566693 Fax: +86 213 3566667 Telex: N/A Email: huangzw@spdbfl.com.cn
1.13	Technical operator - Full style:	Evergas Ship management Pte. Ltd. 21Ubi Road 1, #06-01, Singapore 408724 Singapore Singapore Tel: +65 6904 1939 Fax: +65 6692 0067 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
<b>Insurance</b>		
1.16	P & I Club - Full Style:	BRITANNIAREgis House, 45 King William Street, London EC4R 9AN, UKTel: +44(0)20 7407 3588Fax: +44(0)20 7403 3942Web: britanniapandi.com
<b>Dimensions</b>		

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	
<b>Tonnages</b>					
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	
<b>Loadline Information</b>					
1.25	Loadline	Summer	Winter	Tropical	Ballast
	Freeboard (m):	5.412 Metres	5.608 Metres	5.216 Metres	8.30 Metres
	Draft (m):	9.40 Metres	9.204 Metres	9.596 Metres	6.51 Metres
	Deadweight (m):	20,896.50 Metric Tonnes	20,074.90 Metric Tonnes	21,722.50 Metric Tonnes	9,659.60 Metric Tonnes
	Displacement (m):	32,087.90 Metric Tonnes	31,266.30 Metric Tonnes	32,913.90 Metric Tonnes	20,851.00 Metric Tonnes
1.26	FWA/TPC at summer draft:			191.00 Millimetres	42.03 Metric Tonnes
1.27	Design Draft:				
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			

<b>2.</b>	<b>CARGO TANKS</b>				
2.1	Type of Cargo Tank:	INDEPENDENT			
2.2	If Independent then Type:	TYPE C			
2.3	Type of Cargo tank Containment System:	TYPE C			
	<b>Design Tank Pressure</b>				
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			
	<b>Transport and Carriage Conditions</b>				
2.8	Material of construction of cargo piping system:	SS			
2.9	What is the design natural boil-off rate for fully laden condition by percentage of:				
	<b>Loading Operations</b>				
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			

<b>3.</b>	<b>CARGO TANK CAPACITIES</b>						
3.1	Cargo Tank Capacities	<b>Tank number</b>	<b>Capacity (100%) (m3)</b>	<b>Temp (m3)</b>	<b>Max capacity (m3)</b>	<b>Lower slosh (m3)</b>	<b>Upper slosh (m3)</b>
		1	8195.62	20.00	8031.70	0.00	0.00
		2	9684.73	20.00	9491.04	0.00	0.00
		3	9690.84	20.00	9497.02	0.00	0.00
3.2	Total Capacity of all tanks (100%) at reference temperature:	27,571.18 Cu. Metres					

<b>4.</b>	<b>DECK MACHINERY</b>	
	<b>Mooring</b>	
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 / 52.00 Millimetres Fwd main deck: 2 / 220.00 Metres / 52.00 Millimetres Aft main deck: 2 / 220.00 Metres / 52.00 Millimetres Poop: 4 / 220.00 Metres / 52.00 Millimetres
4.5	Mooring ropes (Material)	PTL & PMF
4.6	Ship design minimum breaking load (mt):	
	<b>Lifting Equipment</b>	
4.7	Number of Cranes:	1
4.8	SWL Of Cranes(mt):	2.00 Metric Tonnes

<b>5.</b>	<b>CARGO MACHINERY</b>	
	<b>Main Cargo Pumps</b>	
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
	<b>Stripping/Spray Pumps</b>	
5.4	Type of stripping/spray cargo pumps:	N/A
5.5	Number of stripping/spray cargo pumps per tank:	0
5.6	Stripping/spray pumps Rated Flow:	
	<b>Emergency Cargo Pumps</b>	
5.7	Type of emergency pumps:	NA
5.8	Location of emergency pump:	
5.9	Emergency cargo pump Rated Flow:	
	<b>ESD System</b>	
5.10	IS ESD shore connection available? If yes, state type of connection	Yes , If yes: Pneumatic: No Electrical: Yes Fiber Optic: Yes
	<b>Cargo Control Room</b>	
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
	<b>Gas Compressors – High Duty</b>	
5.15	Number of High Duty compressors:	0
5.16	Type of High Duty Compressors:	
5.17	Capacity of High Duty Compressors:	
	<b>Gas Compressors – Low Duty</b>	
5.18	Number of Low Duty compressor:	0
5.19	Type of Low Duty Compressors:	
5.20	Capacity of Low Duty Compressors:	
	<b>Vaporiser</b>	

5.21	Number of Vaporisers:	2
5.22	Vaporiser Maximum heat exchange capacity:	500.00 Kilowatt
<b>Reliquefaction</b>		
5.23	Can reliquefaction plant be operated concurrent with loading?:	Yes
5.24	Capacity of reliquefaction plant:	
5.25	Capacity of GCU (if fitted):	BOG: Freeflow:

<b>6</b>	<b>INERT GAS</b>	
	<b>Main IG Plant</b>	
6.1	Type of Inert gas system fitted:	
6.2	Inert Gas Capacity:	
6.3	Inert Gas – Lowest dew point achievable:	
	<b>Nitrogen</b>	
6.4	Type of N2 Plant fitted:	PSA
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

<b>7.</b>	<b>MANIFOLD</b>					
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):	13,440.00 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				
	<b>Reducers</b>					
7.10	Description of ANSI Class 150 reducers carried onboard	<b>Number</b>	<b>From - Diameter (mm)</b>	<b>To - Diameter (mm)</b>	<b>Flange rating (bar)</b>	<b>Length (mm)</b>
		1	300	150	25	600
		1	200	250	25	600
		2	200	300	25	600
		1	300	200	25	600
		1	300	250	25	600
		1	300	300	25	600
		1	300	350	25	600
		1	300	400	25	600
		1	200	100	25	600
		1	200	150	25	600
		1	200	200	25	600

<b>8.</b>	<b>PROPULSION</b>			
8.1	<b>Engines</b>	No	Capacity	Make/Type
	Main engine:	2	5,850 Kilowatt	Wartsila 6L50DF Tire II
	Aux engine:	2	1,110 Kilowatt	Wartsila 6L20DF
8.2	What type of fuel is used for main propulsion/generating plant:	DUAL FUEL (HFO/MDO/GAS) / DUAL FUEL (HFO/MDO/GAS)		
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:	8,504.90 Cu. Metres

<b>9.</b>	<b>SHIP TO SHIP TRANSFER</b>	
9.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquified Gas, as applicable)?	No

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

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