

1. VESSEL DESCRIPTION	
1.1	Date updated: 31-Dec-2017
1.2	Vessel's name (IMO number): GAS SPIRIT I (7411569)
1.3	Vessel's previous name(s) and date(s) of change: BERGE SPIRIT 29.08.2007; GOLAR FROST 09.03.1989
1.4	Date delivered / Builder (where built): 11 MARCH 1980 / WARTSILA/ TURKU SHIPYARD / FINLAND
1.5	Flag / Port of Registry: PANAMA
1.6	Call sign / MMSI: 3EMT8 / 355 778 000
1.7	Vessel's contact details (satcom/fax/email etc.): F33 TEL – +870764859817 / 18; FBB TEL - +870773238455 F33 FAX - +870764859819 Email: <a href="mailto:master@gasspiriti.amosconnect.com">master@gasspiriti.amosconnect.com</a>
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC): Gas Carrier
1.9	Type of hull: Single Hull, Double Bottom, SBT
<b>Classification</b>	
1.10	Classification society: KOREAN REGISTER
1.11	Class notation: KRS1: LIQUEFIED GAS CARRIER 2G 1A 0.25bar, -50C, 0.69SG(GC) CLEAN1 IWS LG LI KRS 2: PMS BWE
1.12	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details: N/A
1.13	If classification society changed, name of previous and date of change: GERMANISCHER LLOYD; 20 JUNE 2013
1.14	IMO type, if applicable: 2G
1.15	Does the vessel have ice class? If yes, state what level: N/A
1.16	Date / place of last dry-dock: 10 Sept 2013 / SUEZ, EGYPT
1.17	Date next dry dock due / next annual survey due: JUNE 2018 N/A
1.18	Date of last special survey / next special survey due: JUNE 2013 JUNE 2018
1.19	If ship has Condition Assessment Program (CAP), what is the latest overall rating: N/A
1.20	Does the vessel have a statement of compliance issued under the provisions of the Condition Assessment Scheme (CAS): If yes, what is the expiry date? N/A
<b>Dimensions</b>	
1.21	Length overall (LOA): 224.75 m
1.22	Length between perpendiculars (LBP): 215.60 m
1.23	Extreme breadth (Beam): 34.20 m
1.24	Moulded depth: 21.60 m
1.25	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable: 53.60 m
1.26	Bow to center manifold (BCM) / Stern to center manifold (SCM): BCM 116.40 m SCM 108.20 m
1.27	Distance bridge front to center of manifold: 59.9 m
1.28	Parallel body distances
	Lightship Normal Ballast Summer Dwt
	Forward to mid-point manifold: 48.00 m 56.20 m 60.10 m
	Aft to mid-point manifold: 28.80 m 35.80 m 46.20 m
	Parallel body length: 76.80 m 92.00 m 106.30 m
1.29	FWA/TPC at summer draft: 290 mm 64.90 MT
1.30	Constant (excluding fresh water): 1300 MT
1.31	What is the company guidelines for Under Keel Clearance (UKC) for this vessel? Deep Sea: Double Deepest Draft Shallow Water: Not be less than 10% Draft Minimum value 50cm
1.32	What is the max height of mast above waterline (air draft)
	Lightship: Full Mast Collapsed Mast
	Normal ballast: 49.68 m
	At loaded summer deadweight: 46.35 m
	40.58 m
<b>Tonnages</b>	
1.33	Net Tonnage: 18807 RT

1.34	Gross Tonnage / Reduced Gross Tonnage (if applicable):	44076 RT	
1.35	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	SCGT 46599.52	SCNT 41069.28
1.36	Panama Canal Net Tonnage (PCNT):		N/A
<b>Ownership and Operation</b>			
1.37	Registered owner - Full style:	URANUS MARITIME S.A. 80 Broad Street Monrovia, Liberia	
1.38	Technical operator - Full style:	Benelux Overseas Inc. 48 Possidonos Avenue 166 75 Glyfada, Athens, Greece Tel: +30-210-8980446 Fax: +30-210-9681270 Email: <a href="mailto:Benelux@otenet.gr">Benelux@otenet.gr</a>	
1.39	Commercial operator - Full style:	A.M.P.T.C. 9-th Floor Giza Street Tower, Cairo Egypt +20235701311 / +20235707666 +20235701178 <a href="mailto:Amptc.cairo@amptc.net">Amptc.cairo@amptc.net</a>	
1.40	Disponent owner - Full style:	N/A	

2.	CERTIFICATION	Issued	Last Annual	Expires
2.1	Safety Equipment Certificate (SEC):	12 May 2015	02 Sep 2017	28 Jun 2018
2.2	Safety Radio Certificate (SRC):	10 Sep 2013	02 Sep 2017	28 Jun 2018
2.3	Safety Construction Certificate (SCC):	10 Sep 2013	02 Sep 2017	28 Jun 2018
2.4	International Loadline Certificate (ILC):	10 Sep 2013	02 Sep 2017	28 Jun 2018
2.5	International Oil Pollution Prevention Certificate (IOPPC):	10 Sep 2013	02 Sep 2017	28 Jun 2018
2.6	ISM Safety Management Certificate (SMC):	22 Mar 2016	22 Ma 2016	03 Mar 2018
2.7	Document of Compliance (DOC):	29 Sep 2016		28 Sep 2021
2.8	USCG Certificate of Compliance (COC):	N/A	N/A	N/A
2.9	Civil Liability Convention (CLC) 1992 Certificate:	N/A	N/A	N/A
2.10	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	20 Feb 2017	N/A	20 Feb 2018
2.11	Ship Sanitation Control (SSCC)/Ship Sanitation Control Exemption (SSCE) Certificate:	06 Jul 2017	N/A	05 Jan 2018
2.12	U.S. Certificate of Financial Responsibility (COFR):	N/A	N/A	N/A
2.13	Certificate of Class (COC):	18 Nov 2013	02 Sept 2017	28 Jun 2018
2.14	International Sewage Pollution Prevention Certificate (ISPPC):	10 Sep 2013	N/A	28 Jun 2018
2.15	Certificate of Fitness (COF):	10 Sep 2013	02 Sept 2017	28 Jun 2018
2.16	International Energy Efficiency Certificate (IEEC):	20 Jun 2013	N/A	N/A
2.17	International Ship Security Certificate (ISSC):	17 Jan 2014	23 Mar 2016	11 Feb 2018
2.18	International Air Pollution Prevention Certificate (IAPPC):	10 Sep 2013	02 Sept 2017	28 Jun 2018
2.19	Maritime Labour Certificate (MLC):	01 Oct 2013	29 Dec 2015	21 Jul 2018

<b>Documentation</b>				
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:		Yes	
2.21	Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?		Yes	
2.22	Is the ITF Special Agreement on board (if applicable)?		N/A	
2.23	ITF Blue Card expiry date:		N/A	

3.	CREW	
3.1	Nationality of Master:	Ukrainian
3.2	Number and Nationality of Officers:	2 Filipino, 1 Ukrainian, 1 Serbian, 1 Syrian, 3 Montenegro
3.3	Number and Nationality of Crew:	14 Filipino, 2 Montenegro

3.4	What is the common working language onboard:	ENGLISH
3.5	Do officers speak and understand English?	YES
3.6	If Officers/Crew employed by a Manning Agency - Full style:	<p>1. SEA SERVICE SHIPPING COMPANY S.A. VIA LUGANETTO 3 – CH-6962 VIGANELLO LUGANO TEL: +4191976 13 60 FAX: +41919761365 E-MAIL: Crew@seaservice.ch</p> <p>2. Marimar Shipping Agency Corp. 1055 Unit 3 Metropolitan Townhomes, Metropolitan Ave., San Antonio Village Makati City, Philippines 1203, Tel.: +63-2897-6364/65 Fax : +63-2896-8720</p>

<b>4.</b>	<b>FOR USA CALLS</b>	
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter?	N/A
4.2	Qualified individual (QI) - Full style:	N/A
4.3	Oil Spill Response Organization (OSRO) - Full style:	N/A

<b>5.</b>	<b>CARGO AND BALLAST HANDLING</b>				
<b>Double Hull Vessels</b>					
5.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:				Yes, Solid
<b>Loadline Information</b>					
5.2	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	7.622 M	13.02 M	55,173 MT	75,473 MT
	Winter:	7.893 M	12.75 M	53,418 MT	73,718 MT
	Tropical:	7.351 M	13.29 M	56,938 MT	77,238 MT
	Lightship:	17.723 M	3.92 M	N/A	20,300 MT
	Normal Ballast Condition:	14.392 M	7.25 M	19,694 M	39,994 MT
5.3	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:				N/A
<b>Cargo Tank Capacities</b>					
5.4	Number of cargo tanks and total cubic capacity (98%):			4	74,171
5.5	Capacity (98%) of each natural segregation with double valve (specify tanks):			TK 1: 16,209 m <sup>3</sup> ; TK 2: 19,524 m <sup>3</sup> ; TK 3: 19,525 m <sup>3</sup> ; TK 4: 18,913 m <sup>3</sup>	
5.6	Number of slop tanks and total cubic capacity (98%):			N/A	
5.7	Specify segregations which slops tanks belong to and their capacity with double valve:			N/A	
5.8	Residual/Retention oil tank(s) capacity (98%), if applicable:			N/A	
5.9	Does vessel have Segregated Ballast Tanks (SBT) or Clean Ballast Tanks (CBT):			SBT	
<b>SBT Vessels</b>					
5.10	What is total SBT capacity and percentage of SDWT vessel can maintain?			19 334.4 m <sup>3</sup>	44 %
5.11	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:			YES	
<b>Cargo Handling and Pumping Systems</b>					
5.12	How many grades/products can vessel load/discharge with double valve segregation:				2
5.13	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:				NO
5.14	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Cargo Pumps:	8	Centrifugal	525 m <sup>3</sup>	112 mlc
	Cargo Eductors:	N/A			
	Stripping:	N/A			
	Ballast Pumps:	2	Centrifugal	800 m <sup>3</sup>	120 mlc
	Ballast Eductors:	1		60 m <sup>3</sup>	
5.15	Max loading rate for homogenous cargo per manifold connection:				2,100 m <sup>3</sup> /Hr
5.16	Max loading rate for homogenous cargo loaded simultaneously through all manifolds:				4,200 m <sup>3</sup> /Hr

5.17	How many cargo pumps can be run simultaneously at full capacity:				8
<b>Cargo Control Room</b>					
5.18	Is ship fitted with a Cargo Control Room (CCR)?				Yes
5.19	Can tank innage / ullage be read from the CCR?				Yes
<b>Gauging and Sampling</b>					
5.20	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?				YES
5.21	What type of fixed closed tank gauging system is fitted:				Floating
5.22	Number of portable gauging units (example- MMC) on board:				N/A
5.23	Are overfill (high) alarms fitted? If Yes, indicate whether to all tanks or partial:				YES; ALL
5.24	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:				N/A
5.25	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:				YES, NK
<b>Vapor Emission Control System (VECS)</b>					
5.26	Is a Vapour Emission Control System (VECS) fitted?				YES
5.27	Number/size of VECS manifolds (per side):				2 / 254 mm
5.28	Number / size / type of VECS reducers:				N/A
<b>Venting</b>					
5.29	State what type of venting system is fitted:				HIGH VELOCITY
<b>Cargo Manifolds and Reducers</b>					
5.30	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?				YES
5.31	Total number / size of cargo manifold connections on each side:				2 / 355.6 Millimeters
5.32	What type of valves are fitted at manifold:				BUTTERFLY VALVE
5.33	What is the material/rating of the manifold:				LOW TEMP STEEL
5.34	Does the vessel have a Common Line Manifold connection? If yes, describe:				N/A
5.35	Distance between cargo manifold centers:				6880 mm
5.36	Distance ships rail to manifold:				2500 mm
5.37	Distance manifold to ships side:				3500 mm
5.38	Top of rail to center of manifold:				450 mm
5.39	Distance main deck to center of manifold:				1350 mm
5.40	Spill tank grating to center of manifold:				750 mm
5.41	Manifold height above the waterline in normal ballast / at SDWT condition:	15.95 m		10.20 m	
5.42	Number / size / type of reducers:				8"X300-6"X300=1; 8"X150-6"300=1; 10"X150-8"X150=2; 12"X150-8"300=1; 12"X150-10"X150=4; 14"X150-8"150=4; 14"150-10"150=3; 14"150-12"150=4; 14"X150-16"X150=2 (DUTY ANSI)
5.43	Is vessel fitted with a stern manifold? If yes, state size:				N/A
<b>Heating</b>					
5.44	Cargo / slop tanks fitted with a cargo heating system?	Type	Coiled	Material	
	Cargo Tanks:	N/A			
	Slop Tanks:	N/A			
5.45	Maximum temperature cargo can be loaded / maintained:				
5.46	Minimum temperature cargo can be loaded / maintained:				
<b>Coating / Anodes</b>					
5.47	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	N/A			
	Ballast tanks:	N/A			
	Slop tanks:	N/A			
<b>6. INERT GAS AND CRUDE OIL WASHING</b>					
6.1	Is a Crude Oil Washing (COW) installation fitted / operational?				N/A
6.2	Is an Inert Gas System (IGS) fitted / operational?				YES, YES
6.3	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:				IG Generator

<b>7. MOORING</b>						
7.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	36 mm	Galvanized Steel	200 m	76 MT
	Main deck fwd:	2	36 mm	Galvanized Steel	200 m	76 MT
	Main deck aft:	2	36 mm	Galvanized Steel	200 m	76 MT
	Poop deck:	4	36 mm	Galvanized Steel	200 m	76 MT
7.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	60 mm	ESTALON	11 m	104.1 MT
	Main deck fwd:	2	60 mm	ESTALON	11 m	104.1 MT
	Main deck aft:	2	60 mm	ESTALON	11 m	104.1 MT
	Poop deck:	4	60 mm	ESTALON	11 m	104.1 MT
7.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:		N/A			
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
7.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	64 mm	ESTALON	220 m	74.6 MT
	Main deck fwd:	N/A				
	Main deck aft:	N/A				
	Poop deck:	4	64 mm	ESTALON	220 m	74.6 MT
7.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double	Hydraulic Electric	45.21 MT	
	Main deck fwd:	1	Double	Hydraulic Electric	45.51 MT	
	Main deck aft:	1	Double	Hydraulic Electric	45.54 MT	
	Poop deck:	2	Double	Hydraulic Electric	46.03 MT	
7.6	Bits, closed chocks/fairleads		No. Bits	SWL Bits	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		6	46 MT	10	64 MT
	Main deck fwd:		4	46 MT	6	64 MT
	Main deck aft:		4	46 MT	6	64 MT
	Poop deck:		5	46 MT	10	64 MT
<b>Anchors/Emergency Towing System</b>						
7.7	Number of shackles on port / starboard cable:				12/12	
7.8	Type / SWL of Emergency Towing system forward:				TOWING CHAIN	200 MT
7.9	Type / SWL of Emergency Towing system aft:				FIBRE ETS 4000	200 MT
<b>Escort Tug</b>						
7.10	What is size / SWL of closed chock and/or fairleads of enclosed type on stern:					64 MT
7.11	What is SWL of bollard on poop deck suitable for escort tug:					46 MT
<b>Bow/Stern Thruster</b>						
7.12	What is brake horse power of bow thruster (if fitted):				N/A	
7.13	What is brake horse power of stern thruster (if fitted):				N/A	
<b>Single Point Mooring (SPM) Equipment</b>						
7.14	Does the vessel meet the recommendations in the latest edition of OCIMF 'Recommendations for Equipment Employed in the Bow Mooring of Conventional Tankers at Single Point Moorings (SPM)'?				YES	
7.15	If fitted, how many chain stoppers:				1	
7.16	State type / SWL of chain stopper(s):				OCIMF 54 (TONGUE TYPE)	100 MT
7.17	What is the maximum size chain diameter the bow stopper(s) can handle:				54 mm	
7.18	Distance between the bow fairlead and chain stopper/bracket:				2500 mm	
7.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:				YES	
<b>Lifting Equipment</b>						

7.20	Derrick / Crane description (Number, SWL and location):	Derrick / 2 / SWL 5.0T /MIDSHIP Port & STBD
7.21	What is maximum outreach of cranes / derricks outboard of the ship's side:	8.50 m
<b>Ship To Ship Transfer (STS) / Helicopter Operations</b>		
7.22	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquefied Gas, as applicable)?	YES
7.23	Can the ship comply with the ICS Helicopter Guidelines? If Yes, state whether winching or landing area provided and diameter of the circle provided:	YES, Winching

<b>8.</b>	<b>MISCELLANEOUS</b>			
<b>Engine</b>				
8.1	Speed		Maximum	Economic
	Ballast speed:		15.0 Kts	14.0 Kts
	Laden speed:		14.5 Kts	13.7 Kts
8.2	What type of fuel is used for main propulsion / generating plant:		IFO 380 cSt ISO 8217	MGO 2.5 cSt (DMB)
8.3	Type / Capacity of bunker tanks:		HFO 4,710 M3 / MGO 680 M3	
8.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Fixed Pitch Propeller	
8.5	Engines	No	Capacity	Make/Type
	Main engine:	1	17,247 kW	SULZER / 7RND 90M
	Aux engine:	4	1,050 kW	WARTSILA 824TS
	Power packs:	6	200 kW	NORWINCH / MF 200
	Boilers:	1	3000 KG/M/ 9 BarG	AALBORG / AQ2
<b>Emissions</b>				
8.6	Main engine IMO NOx emission standard:		5,0574 x10 <sup>5</sup> KG/CM/SEC <sup>2</sup>	
8.7	Energy Efficiency Design Index (EEDI) rating number:		N/A (Exempted)	
<b>Insurance</b>				
8.8	P & I Club - Full Style:	WEST OF ENGLAND Insurance Services (Luxemburg) S.A. BP 841,33 Boulevard Prince Henri, L-1724 Luxembourg, G.D.Luxemburg Tel: +3524700671; Fax: +352225253 E.Mail <a href="mailto:mail@westpandi.com">mail@westpandi.com</a>		
8.9	P & I Club pollution liability coverage / expiration date: 1,000,000.00 USD		B 53912	20-Feb-2018
8.10	Hull & Machinery insured by - Full Style:	TALBOT(Leading Underwriter) 60 Threadneedle Street, London EC2R 8HP United Kingdom Phone: +44 207 550 3500		
8.11	Hull & Machinery insured value / expiration date:		10,000,000 USD	18-Dec-2018
<b>Recent Operational History</b>				
8.12	Date and place of last Port State Control inspection:	02.09.2017 Neapolis, Greece		
8.13	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No		
8.14	Has vessel been involved in a pollution, grounding, serious casualty or collision incident during the past 12 months? If yes, full description:	No		
8.15	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	Propane and Butane AMPTC Bethioua – OPL Alexandria Bethioua – OPL Alexandria Bethioua – OPL Alexandria		
8.16	Date/place of last STS operation:	30-Dec-2017 / OPL Alexandria		
<b>Vetting</b>				
8.17	Date of last SIRE inspection:	N/A		
8.18	Date of last CDI inspection:	N/A		
8.19	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: <i>* "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.</i>	N/A		
<b>Additional Information</b>				

8.20	Additional information relating to features of the ship or operational characteristics:	N/A
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