

<b>1.</b>	<b>GENERAL INFORMATION</b>		
1.1	Date updated:	Jun 07, 2018	
1.2	Vessel's name (IMO number):	PGC Eirini (9800178)	
1.3	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.4	Date delivered/Builder (where built):	Mar 05, 2018/Kyokuyo Shipyard - Shimonoseki, Japan	
1.5	Flag/Port of Registry:	Malta/Valletta	
1.6	Call sign/MMSI:	9HA4714/248586000	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: 424858610 Fax: Email: pgceirini@infinityfleet.net	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Gas	
1.9	Type of hull:	Double Side	

**Ownership and Operation**

1.10	Registered owner - Full style:	Eirini Maritime Ltd AJELTAKE ROAD, AJELTAKE ISLAND MAJURO Marshall Islands Marshall Islands Tel: +302106912010 Fax: +302106912272 Telex: 215433 Email: paradise@paradisenet.gr	
1.11	Technical operator - Full style:	Paradise Navigation SA 4-6 Solomou str. 3rd Floor, 15451 Psychiko Greece Greece Tel: +302106912010 Fax: +302106912272 Email: paradise@paradisenet.gr Company IMO#: 0027898	
1.12	Commercial operator - Full style:	+302106753602 Via Varese 25G, Sarrono Italy Italy Tel: +390296700267 Fax: +390296704282 Email: gasmare@gasmare.it	
1.13	Disponent owner - Full style:		

**Insurance**

1.14	P & I Club - Full Style:	Gard AS	
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US\$	Feb 20, 2019
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Gard AS	
1.17	Hull & Machinery insured value/expiration date:	28,000,000 US\$	Dec 31, 2018

**Classification**

1.18	Classification society:	Nippon Kaiji Kyokai	
1.19	Class notation:	Liquefied Gas Carrier Type 2G, Performance Standard to Protective Coatings for dedicated Seawater Ballast Tanks in All Type of Ships and Double-side Skin Spaces of Bulk Carrier,( Noise Code ), (IWS) (PSCM), (IHM) CHG, MPP,LSA,RCF,AFS,BWM	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding	No	

	memorandums or class recommendations? If yes, give details:		
1.21	If classification society changed, name of previous and date of change:	, Not Applicable	
1.22	Does the vessel have ice class? If yes, state what level:	No,	
1.23	Date/place of last dry-dock:	Mar 05, 2018/Shimonoseki - Japan	
1.24	Date next dry dock due/next annual survey due:	Mar 05, 2023	Mar 05, 2019
1.25	Date of last special survey/next special survey due:	Mar 05, 2018	Mar 05, 2023
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:	No,	

#### Dimensions

1.27	Length overall (LOA):		117.03 Metres	
1.28	Length between perpendiculars (LBP):		110.00 Metres	
1.29	Extreme breadth (Beam):		19.20 Metres	
1.30	Moulded depth:		9.50 Metres	
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:	36.64 Metres		
1.32	Distance bridge front to center of manifold:		39.40 Metres	
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):	56.80 Metres	60.20 Metres	
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		15.39 Metres	18.21 Metres
	Aft to mid-point manifold:		20.93 Metres	37.07 Metres
	Parallel body length:		96.30 Metres	55.29 Metres

#### Tonnages

1.35	Net Tonnage:		2,164.00
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):	7,211.00	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):	8,362.70	6,763.74
1.38	Panama Canal Net Tonnage (PCNT):		6,110.00

#### Loadline Information

1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.72 Metres	6.80 Metres	6,612.00 Metric Tonnes	10,830.26 Metric Tonnes
	Winter:	2.87 Metres	6.67 Metres	6,335.00 Metric Tonnes	10,553.00 Metric Tonnes
	Tropical:	2.58 Metres	6.96 Metres	6,893.00 Metric Tonnes	11,111.00 Metric Tonnes
	Lightship:			-	4,218 Metric Tonnes
	Normal Ballast Condition:	5.12 Metres	4.42 Metres	2,211.00 Metric Tonnes	6,430.00 Metric Tonnes
1.40	FWA/TPC at summer draft:		137.00 Millimetres	19.66 Metric Tonnes	
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:	No			
1.42	Constant (excluding fresh water):				
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?	Open Sea-15% of ships static draft not falling short of 2.0m Port, confined, coastal, restricted waters - 10% of ships static draft not falling short of 1.0m SBM/CBM - 1.5% of ships beam not falling short of 0.3m			
1.44	What is the max height of mast above waterline (air draft)		Full Mast	Collapsed Mast	
	Summer deadweight:		29.84 Metres	0 Metres	
	Normal ballast:		32.14 Metres	0 Metres	
	Lightship:		0 Metres	0 Metres	

<b>2.</b>	<b>CERTIFICATES</b>	<b>Issued</b>	<b>Last Annual</b>	<b>Last Intermediate</b>	<b>Expires</b>
2.1	Safety Equipment Certificate (SEC):	Mar 05, 2018	Mar 05, 2018		Mar 05, 2023

2.2	Safety Radio Certificate (SRC):	Mar 05, 2018	Mar 05, 2018		Mar 05, 2023
2.3	Safety Construction Certificate (SCC):	Mar 05, 2018	Mar 05, 2018		Mar 05, 2023
2.4	International Loadline Certificate (ILC):	Mar 05, 2018	Mar 05, 2018		Mar 05, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Mar 05, 2018	Mar 05, 2018		Mar 05, 2023
2.6	International Ship Security Certificate (ISSC):	Mar 05, 2018	Not Applicable	Not Applicable	Sep 05, 2018
2.7	Maritime Labour Certificate (MLC):	Mar 05, 2018	N/A		Sep 05, 2018
2.8	ISM Safety Management Certificate (SMC):	Mar 05, 2018	Not Applicable	Not Applicable	Sep 05, 2018
2.9	Document of Compliance (DOC):	Mar 30, 2018	Mar 30, 2018		Apr 28, 2023
2.10	USCG Certificate of Compliance (USCGCOC):		Not Applicable		
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Not Applicable	N/A	N/A	
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 02, 2018	N/A	N/A	Feb 20, 2019
2.13	Liability for the Removal of Wrecks Certificate (WRC)“	Feb 02, 2018	N/A	N/A	Feb 20, 2019
2.14	U.S. Certificate of Financial Responsibility (COFR):	Mar 05, 2018	N/A	N/A	Mar 05, 2021
2.15	Certificate of Class (COC):	Mar 05, 2018	Mar 05, 2018		Mar 05, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Mar 05, 2018	N/A	N/A	Mar 04, 2023
2.17	Certificate of Fitness (COF):	Mar 05, 2018	Mar 05, 2018		Mar 05, 2023
2.17.1	Noxious Liquids Substance Certificate (NLS)				
2.18	International Energy Efficiency Certificate (IEEC):	Mar 05, 2018	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Mar 05, 2018	Mar 05, 2018		Feb 05, 2023

#### Documentation

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)?	Yes
2.23	ITF Blue Card expiry date (if applicable):	Mar 04, 2019

<b>3.</b>	<b>CREW</b>	
3.1	Nationality of Master:	Romanian
3.2	Number and nationality of Officers:	8 Romanian, Filipino
3.3	Number and nationality of Crew:	9 Filipino
3.4	What is the common working language onboard:	English
3.5	Do officers speak and understand English?	Yes
3.6	If Officers/ratings employed by a manning agency - Full style:	Officers: CROSSWORLD MARINE S.A 71, Possidonos Ave.& A.G. Papandreou Street, Glyfada, 166 74, Greece Tel: +30 210 8983474 Fax: +30 210 8983276 Email: oper.athens@crossworldmarine.com Ratings: CROSSWORLD MARINE S.A 71, Possidonos Ave.& A.G. Papandreou Street, Glyfada, 166 74, Greece Tel: +30 210 8983474 Fax: +30 210 8983276 Email: oper.athens@crossworldmarine.com

<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?	Yes

4.2	Qualified individual (QI) - Full style:	Gallagher Marine Systems Inc 200 CENTURY PARKWAY, SUITE D MT. LAUREL, NEW JERSEY, USA 08054 Tel: +17036834700 Fax: +18566423945 Email: info@chgms.com
4.3	Oil Spill Response Organization (OSRO) - Full style:	National Response Corporation 350 SUNRISE HIGHWAY, BUILDING 200, SUITE 200, GREAT RIVER, NY 11739 Tel: +16312249141 Fax: +16312249082 Email: clientservices@nrcc.com
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	Resolve Marine

<b>5.</b>	<b>SAFETY/HELICOPTER</b>		
5.1	Is the vessel operated under a Quality Management System? If Yes, what type of system? (ISO9001 or IMO Resolution A.741(18) as amended):	Yes	IMO Res A.741(18)
5.2	Can the ship comply with the ICS Helicopter Guidelines?	No	
5.2.1	If Yes, state whether winching or landing area provided:		
5.2.2	If Yes, what is the diameter of the circle provided:		

<b>6.</b>	<b>COATING/ANODES</b>				
6.1	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	N/A			N/A
	Ballast tanks:	Yes	Pure Epoxy NOA 60 HS-N (by Nippon Paints)	Whole Tank	Yes

<b>7.</b>	<b>BALLAST</b>				
7.1	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Centrifugal	500 Cu. Metres/Hour	
	Ballast Eductors:				

<b>8.</b>	<b>CARGO-LPG</b>				
8.1	Does the vessel comply with GC/IGC Code requirements?				
8.2	What is the minimum/maximum permissible tank pressure?	0.00 Kp/Sq. Centimetre	8.50 Kp/Sq. Centimetre		
8.3	What is the minimum permissible tank temperature?	-51.00 Degrees Celsius			
8.4	Number of cargo tanks and total cubic capacity (98%):	2	0 Cu. Metres		
8.5	Capacity (98%) of each natural segregation with double valve (specify tanks):	98			
8.6	Deck tank(s) capacity (98%):	Ammonia: 80.30 Cu. Metres Butane: 80.30 Cu. Metres Propane: 80.30 Cu. Metres			
8.7	What is vessel Ship Type? What type and of what material are the cargo tanks constructed?	, 2PG CARBON-MANGALESE STEEL			
8.8	Maximum allowable relief valve setting:	8.50 Bar Gauge			
8.9	What is total SBT capacity and percentage of SDWT vessel can maintain?	3,792.22 Cu. Metres			
<b>Reliquefaction Plant</b>					
8.10	Number and capacity of compressors:	2 740.00 Cu. Metres/Hour			
8.11	Manufacturer/type of compressors:	Burckhardt / Reciprocating			
8.12	Max % Ethane the re-liquefaction plant can handle:				
<b>Cargo Handling and Pumping Systems</b>					
8.13	What is the maximum number of grades that can be loaded/carried/discharged	2			

	simultaneously with complete segregation and without risk of contamination?																								
8.14	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:		No,																						
8.15	Max loading rate for homogenous cargo (without vapour return):																								
8.16	Max loading rate for homogenous cargo per manifold (without vapour return):																								
<b>Cargo Control Room</b>																									
8.17	Is ship fitted with a Cargo Control Room (CCR)?		Yes																						
8.18	Can tank innage/ullage/pressure/temperature/reliquefaction plant status be read from the CCR?		Innage/Ullage: Yes Pressure: Temperature: Plant Status:																						
<b>Gauging and Sampling</b>																									
8.19	Gauges:	Manufacturer	Type	Rated Accuracy																					
	Level gauges:	MUSASINO CO., LTD.	Float																						
	Temperature gauges:	HYODA INSTRUMENTS	Drip-proof type																						
	Pressure gauges:	NAGANO KEIKI CO.,LTD	Weather proof type	1.60 %																					
8.20	Sampling connection type and size:		Screw	8.00 Millimetres																					
<b>Cargo Manifolds and Reducers</b>																									
8.21	Do manifold arrangements comply with SIGTTO standards?																								
8.22	What type of valves are fitted at manifold:		Globe																						
8.23	Manifold distance from center of manifold:  [ _N: <a target="_blank" href="http://q88.com/images/LPG_Manifold_HVPQ.jpg">Manifold Diagram</a>]		Dimension A: Dimension B: Dimension C: Dimension D: Dimension E: Dimension F: Dimension G: Dimension H:																						
8.24	Distance manifold to ships side:		1,800.00 Millimetres																						
8.25	Distance manifold height above uppermost continuous deck:		1,260.00 Millimetres																						
8.26	Manifold height above light/load waterline:		6,056.00 Millimetres	4,774.00 Millimetres																					
8.27	Distance from rail of compressor room/platform to presentation flanges:																								
8.28	Distance from deck of compressor room/platform to center of manifold:																								
8.29	Reducers:	No.	Flange Rating	Size	Length																				
	ANSI Class 300:	8	35.00 bar	200.00 Millimetres	500.00 Millimetres																				
	ANSI Class 300 to 150:	9	35.00 bar	200.00 Millimetres	500.00 Millimetres																				
	ANSI Class 150:																								
8.30	Reducers additional comments:																								
8.31	Pipe flanges: (specify flange letter, duty, rating, size and face)		<table border="1"> <thead> <tr> <th>Pipe Flange letter</th> <th>Duty</th> <th>Rating (bar)</th> <th>Size</th> <th>Raised/Flat face</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Liquid system I</td> <td>300.00</td> <td>203.20</td> <td>R</td> </tr> <tr> <td>B</td> <td>Vapour system I</td> <td>150.00</td> <td>101.60</td> <td>R</td> </tr> <tr> <td>C</td> <td>Vapour system II</td> <td>150.00</td> <td>101.60</td> <td>R</td> </tr> </tbody> </table>	Pipe Flange letter	Duty	Rating (bar)	Size	Raised/Flat face	A	Liquid system I	300.00	203.20	R	B	Vapour system I	150.00	101.60	R	C	Vapour system II	150.00	101.60	R		
Pipe Flange letter	Duty	Rating (bar)	Size	Raised/Flat face																					
A	Liquid system I	300.00	203.20	R																					
B	Vapour system I	150.00	101.60	R																					
C	Vapour system II	150.00	101.60	R																					
8.32	Are local pressure gauges fitted outboard of the manifold valves?		Yes																						
<b>IG Plant/Nitrogen</b>																									

8.33	Type of system:	
8.34	Capacity:	
8.35	Type of fuel used:	
8.36	Composition of IG:	Percent
	Oxygen:	
	CO2:	
	IG-NOx:	
	IG-N2:	
8.37	N2 purity percentage/capacity generated by N2 generator:	Capacity
	95%:	
	98%:	
	99.5%:	
8.38	Lowest dew point achievable:	
8.39	Nitrogen liquid storage capacity:	
<b>Cargo Pumps</b>		
8.40	How many cargo pumps can be run simultaneously at full capacity:	2
8.41	Pumps	No./Tank Type Rate Per Pump At What Head (sg=1.0)
	Cargo pumps:	1 260.00 Cu. Metres/Hour 120.00 Metres Liquid Column
	Booster pumps:	2 260.00 Cu. Metres/Hour 120.00 Metres Liquid Column
<b>Cargo Re-Heater/Vaporiser</b>		
8.42	Cargo re-heaters/vaporizers:	LPG Heater/ Vaporizer Vaporizer
	Type:	Shell Seawater
	Heating medium:	Seawater

<b>9.</b>	<b>MOORING</b>					
9.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
9.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	40.00 Millimetres	PPL	220.00 Metres	32.00 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	4	40.00 Millimetres	PPL	220.00 Metres	32.00 Metric Tonnes
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	40.00 Millimetres	PPL	220.00 Metres	32.00 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	4	40.00 Millimetres	PPL	220.00 Metres	32.00 Metric Tonnes
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double Drums	Hydraulic	25.60 Metric Tonnes	Manual
	Main deck fwd:					

	Main deck aft:					
	Poop deck:	2	Double Drums	Hydraulic	25.60 Metric Tonnes	Manual
9.6	Bitts, closed chocks/fairleads	No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks	
	Forecastle:	4	45.10 Metric Tonnes	9	45.10 Metric Tonnes	
	Main deck fwd:	4	13.70 Metric Tonnes	4	13.70 Metric Tonnes	
	Main deck aft:	4	45.10 Metric Tonnes	4	45.10 Metric Tonnes	
	Poop deck:	4	24.50 Metric Tonnes	7	24.50 Metric Tonnes	

#### Anchors/Emergency Towing System

9.7	Number of shackles on port/starboard cable:	9/10				
9.8	Type/SWL of Emergency Towing system forward:					
9.9	Type/SWL of Emergency Towing system aft:					

#### Escort Tug

9.10	What is size/SWL of closed chock and/or fairleads of enclosed type on stern:	62.70 Metric Tonnes				
9.11	What is SWL of bollard on poop deck suitable for escort tug:	62.70 Metric Tonnes				

#### Lifting Equipment/Gangway

9.12	Derrick/Crane description (Number, SWL and location):	Cranes: 1 x 5.00 Tonnes Center				
9.13	Gangway direction & length:					

#### Single Point Mooring (SPM) Equipment

9.14	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)'?	No				
9.15	If fitted, how many chain stoppers:					
9.16	State type/SWL of chain stopper(s):					
9.17	What is the maximum size chain diameter the bow stopper(s) can handle:					
9.18	Distance between the bow fairlead and chain stopper/bracket:					
9.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:	N/A				

#### 10. PROPULSION

10.1	Speed		Maximum	Economical	
	Ballast speed:		14.10 Knots (WSNP)	12.50 Knots (WSNP)	
	Laden speed:		13.50 Knots (WSNP)	12.00 Knots (WSNP)	
10.2	What type of fuel is used for main propulsion/generating plant:	HFO,MGO		HFO,MGO	
10.3	Type/Capacity of bunker tanks:	Fuel Oil: 506 Cu. Metres Diesel Oil: 91 Cu. Metres Gas Oil:			
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):	Fixed			
10.5	Engines	No	Capacity	Make/Type	
	Main engine:	1	2,640 Kilowatt	Makita / MAN B&W 6L35MC6.1	
	Aux engine:	3	680 Kilowatt	Taiyo Electric Co., Ltd. FE 547B-8	
	Power packs:				
	Boilers:	1	0.60 Metric Tonnes/Hour		

#### Bow/Stern Thruster

10.6	What is brake horse power of bow thruster (if fitted):	Yes, 415.72 bhp			
10.7	What is brake horse power of stern thruster (if fitted):	No,			

<b>Emissions</b>		
10.8	Main engine IMO NOx emission standard:	Tier II
10.9	Energy Efficiency Design Index (EEDI) rating number:	13.9 g CO2/ton-mile
<b>11. SHIP TO SHIP TRANSFER</b>		
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquefied Gas, as applicable)?	Yes
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:	5.10 Metres
11.3	Date/place of last STS operation:	
<b>12. RECENT OPERATIONAL HISTORY</b>		
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	Butadiene/Shell/Singapore-Norco terminal, USA Propylene/APEX Energy/Singapore-Ningbo Butadiene/Mitsubishi/Namikata-Nantong
12.2	Has vessel been involved in a pollution, grounding, serious casualty, unscheduled repair or collision incident during the past 12 months? If yes, provide details:	Pollution: No, Grounding: No, Casualty: No, Repair: No, Collision: No,
12.3	Date and place of last Port State Control inspection:	/
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No
12.5	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>	Contact Owners for details
12.6	Date/Place of last SIRE inspection:	Mar 17, 2018 / Namikata, Japan
12.6.1	Date/Place of last CDI inspection:	/
12.7	Additional information relating to features of the ship or operational characteristics:	N/A

Revised 2018 ([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.