

1. VESSEL DESCRIPTION	
1.1	Date updated: Jul 20, 2017
1.2	Vessel's name (IMO number): PGC Marina (9299563)
1.3	Vessel's previous name(s) and date(s) of change: Polar (Jul 18, 2013)
1.4	Date delivered / Builder (where built): Jun 01, 2005 / Hudong Zhonghua Shipyard, Shanghai, PR China
1.5	Flag / Port of Registry: Bahamas / Nassau
1.6	Call sign / MMSI: C6AS5 / 311000138
1.7	Vessel's contact details (satcom/fax/email etc.): Tel: 00870 773930975 Fax: 008707831 84160 Email: pgcmarina@amosconnect.com
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC): Oil Tanker
1.9	Type of hull: Double Hull
Classification	
1.10	Classification society: Nippon Kaiji Kyokai
1.11	Class notation: NS MNS (Tanker, Oils-Flashpoint on and below 60 degree C) (Primeship - Direct Assessment & Fatigue Assessment) (Enhanced Survey Programme) (Propeller shaft condition Monitoring system) (In water Survey)
1.12	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details: No n/a
1.13	If classification society changed, name of previous and date of change: Lloyds Register, Jun 17, 2015
1.14	IMO type, if applicable: N/A
1.15	Does the vessel have ice class? If yes, state what level: No,
1.16	Date / place of last dry-dock: Jun 17, 2015 / Antwerp
1.17	Date next dry dock due / next annual survey due: Jun 16, 2018 Reverting
1.18	Date of last special survey / next special survey due: Jun 17, 2015 Jun 01, 2020
1.19	If ship has Condition Assessment Program (CAP), what is the latest overall rating: No,
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
Dimensions	
1.21	Length overall (LOA): 228.60 Metres
1.22	Length between perpendiculars (LBP): 218.60 Metres
1.23	Extreme breadth (Beam): 32.26 Metres
1.24	Moulded depth: 20.20 Metres
1.25	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable: 44.597 Metres
1.26	Bow to center manifold (BCM) / Stern to center manifold (SCM): 116.00 Metres 113.20 Metres
1.27	Distance bridge front to center of manifold: 74.60 Metres
1.28	Parallel body distances
	Lightship Normal Ballast Summer Dwt
	Forward to mid-point manifold: 58.90 Metres 69.10 Metres 72.50 Metres
	Aft to mid-point manifold: 36.00 Metres 53.00 Metres 73.60 Metres
	Parallel body length: 94.90 Metres 121 Metres 146.10 Metres
1.29	FWA/TPC at summer draft: 321.00 Millimetres 67.20 Metric Tonnes
1.30	Constant (excluding fresh water):
1.31	What is the company guidelines for Under Keel Clearance (UKC) for this vessel? Ocean 15% of Deepest draft but not falling short of 2.0 m Fairways ,confide waters 10% of Deepest draft but not falling short of 1.0 m Inside port ,alongside of berth 1.5 % of ship's beam but not falling short of 0.3 m
1.32	What is the max height of mast above waterline (air draft)
	Lightship: Full Mast Collapsed Mast 42.007 Metres 0 Metres
	Normal ballast: 36.921 Metres 0 Metres
	At loaded summer deadweight: 31.016 Metres 0 Metres
Tonnages	
1.33	Net Tonnage: 21,230.00
1.34	Gross Tonnage / Reduced Gross Tonnage (if applicable): 40,690.00

1.35	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	42,542.13	37,840.80
1.36	Panama Canal Net Tonnage (PCNT):		33,630.00
Ownership and Operation			
1.37	Registered owner - Full style:	Marina Maritime & Trading Inc. 80 Broad str. Monrovia, Liberia Liberia Tel: Not Applicable Fax: Not Applicable Telex: Not Applicable Email: Not Applicable Company IMO#: 0027898	
1.38	Technical operator - Full style:	Paradise Navigation SA 4-6 Solomou str., 3rd Floor, 15451 Neo Psychiko, Greece Greece Tel: +302106912010 Fax: +302106912272 Telex: 215433 PARA GR Email: paradise@paradisenet.gr	
1.39	Commercial operator - Full style:	Penfield Marine LLC 65 Station Street Southport, CT 06890 Telex: Not Applicable Tel: +1-203-274-8400 Fax: +1-203-274-8409 Telex: N/A Email: operations@penfieldmarine.com Web: www.penfieldmarine.com	
1.40	Disponent owner - Full style:	Penfield Tankers (Panamax) LLC Trust Company Complex Ajeltake Island Majuro, Marshall Islands MH 96960 Tel: +1-203-274-8400 Fax: +1-203-274-8409 Email: operations@penfieldmarine.com Web: www.penfieldmarine.com	

2.	CERTIFICATION	Issued	Last Annual	Expires
2.1	Safety Equipment Certificate (SEC):	Sep 03, 2015	Jun 04, 2017	Jun 01, 2020
2.2	Safety Radio Certificate (SRC):	Sep 03, 2015	Jun 04, 2017	Jun 01, 2020
2.3	Safety Construction Certificate (SCC):	Sep 03, 2015	Jun 04, 2017	Jun 01, 2020
2.4	International Loadline Certificate (ILC):	Sep 03, 2015	Jun 04, 2017	Jun 01, 2020
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Sep 03, 2015	Jun 04, 2017	Jun 01, 2020
2.6	ISM Safety Management Certificate (SMC):	Jan 24, 2014	Oct 07, 2016	Dec 12, 2018
2.7	Document of Compliance (DOC):	Mar 17, 2014	Jun 30, 2017	Apr 28, 2018
2.8	USCG Certificate of Compliance (COC):	Oct 26, 2015	Nov 22, 2016	Oct 26, 2017
2.9	Civil Liability Convention (CLC) 1992 Certificate:	Feb 20, 2017	Not Applicable	Feb 20, 2018
2.10	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 20, 2017	Not Applicable	Feb 20, 2018
2.11	Ship Sanitation Control (SSCC)/Ship Sanitation Control Exemption (SSCE) Certificate:		Not Applicable	
2.12	U.S. Certificate of Financial Responsibility (COFR):	Aug 13, 2016	Not Applicable	Aug 13, 2019
2.13	Certificate of Class (COC):	Sep 03, 2015	Jun 04, 2017	Jun 01, 2020
2.14	International Sewage Pollution Prevention Certificate (ISPPC):	Sep 03, 2015	Not Applicable	Jun 01, 2020
2.15	Certificate of Fitness (COF):	Not Applicable	Not Applicable	Not Applicable
2.16	International Energy Efficiency Certificate (IEEC):		Not Applicable	Not Applicable
2.17	International Ship Security Certificate (ISSC):	Dec 12, 2013	Oct 07, 2016	Dec 12, 2018
2.18	International Air Pollution Prevention Certificate (IAPPC):	Sep 03, 2015	Jun 04, 2017	Jun 01, 2020
2.19	Maritime Labour Certificate (MLC):	Aug 23, 2013	Not Applicable	Aug 23, 2018
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		Yes	

	for Control of Drugs and Alcohol Onboard Ship?	
2.22	Is the ITF Special Agreement on board (if applicable)?	
2.23	ITF Blue Card expiry date:	

3.	CREW	
3.1	Nationality of Master:	Montenegrin
3.2	Number and Nationality of Officers:	8 Filipino, Montenegrin, Serbian, Croatian
3.3	Number and Nationality of Crew:	13 Montenegro, Filipino
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>Officers: Interorient Maritime Enterprises Intl 608 Ortigas Av.,Parig, M. Manila,1605 Philippines Tel: +632 631 1226 Fax: +632 637 7992 Telex: 007563091 INORM PH Email: inormph@pltdtssl.net</p> <p>Crew: Interorient Maritime Enterprises Intl 608 Ortigas Av.,Parig, M. Manila,1605 Philippines Tel: +632 631 1226 Fax: +632 637 7992 Telex: 007563091 INORM PH Email: inormph@pltdtssl.net</p>

4.	FOR USA CALLS	
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:	O'Briens New Jersey Office 103 Morgan Lane, Suite 103 Plainsboro, NJ 08536, USA Tel: 985 781 0804 (24 hrs) Fax: 985 781 0580 Telex: NA Email: commandcebtter@obriensrm.com Web: NA
4.3	Oil Spill Response Organization (OSRO) - Full style:	NRC 3500 Sunrise Highway, Suite T103 Great River, NY 11739, USA Tel: 631-224 9141 (24 hrs) Fax: 631 224 9086 Telex: NA Email: iocd0@nrcc.com Web: NA

5.	CARGO AND BALLAST HANDLING	
Double Hull Vessels		
5.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:	Yes, Solid

Loadline Information					
5.2	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	6.18 Metres	13.581 Metres	69,996 Metric Tonnes	86,249.10 Metric Tonnes
	Winter:	6.48 Metres	13.72 Metres	70,846.65 Metric Tonnes	84,288.12 Metric Tonnes
	Tropical:	5.89 Metres	14.31 Metres	74,773.95 Metric Tonnes	88,215.42 Metric Tonnes
	Lightship:	17.59 Metres	2.59 Metres	Not Applicable	13,420.00 Metric Tonnes
	Normal Ballast Condition:	13.21 Metres	6.99 Metres	27,093.86 Metric Tonnes	40,515.21 Metric Tonnes
5.3	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:			No	
Cargo Tank Capacities					
5.4	Number of cargo tanks and total cubic capacity (98%):			12	78,797.57 Cu. Metres
5.5	Capacity (98%) of each natural segregation with double valve (specify tanks):			Seg#1: 27132.09 m3 (3W, 6W) Seg#2: 27476.16 m3 (2W, 5W) Seg#3: 24028 m3 (1W, 4W)	
5.6	Number of slop tanks and total cubic capacity (98%):			2	2,722.14 Cu. Metres
5.7	Specify segregations which slops tanks belong to and their capacity with double valve:				
5.8	Residual/Retention oil tank(s) capacity (98%), if applicable:				
5.9	Does vessel have Segregated Ballast Tanks (SBT) or Clean Ballast Tanks (CBT):			SBT	
SBT Vessels					
5.10	What is total SBT capacity and percentage of SDWT vessel can maintain?			28,675.70 Cu. Metres	39.50 %
5.11	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:			Yes	
Cargo Handling and Pumping Systems					
5.12	How many grades/products can vessel load/discharge with double valve segregation:			3	
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:	3	Centrifugal	2000 M3/HR	120 Meters
	Cargo Eductors:	1	Reciprocating	360 Cu. Metres/Hour	
	Stripping:	1	Reciprocating	200 Cu. Metres/Hour	120 Metres
	Ballast Pumps:	2	Centrifugal	1,200 Cu. Metres/Hour	25 Metres
	Ballast Eductors:	2	Vacuum	110 Cu. Metres/Hour	
5.15	Max loading rate for homogenous cargo per manifold connection:			2,500 Cu. Metres/Hour	
5.16	Max loading rate for homogenous cargo loaded simultaneously through all manifolds:			7,500.00 Cu. Metres/Hour	
5.17	How many cargo pumps can be run simultaneously at full capacity:			3	
Cargo Control Room					
5.18	Is ship fitted with a Cargo Control Room (CCR)?			Yes	
5.19	Can tank innage / ullage be read from the CCR?			Yes	
Gauging and Sampling					
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:			Radar	
5.22	Number of portable gauging units (example- MMC) on board:			4	
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:			Yes,	
5.25	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:			Yes,	
Vapor Emission Control System (VECS)					
5.26	Is a Vapour Emission Control System (VECS) fitted?			Yes	
5.27	Number/size of VECS manifolds (per side):			2	400 Millimetres
5.28	Number / size / type of VECS reducers:			2/400X300 / ANSI	
Venting					
5.29	State what type of venting system is fitted:			Common Venting using Deck IGS Lines	
Cargo Manifolds and Reducers					
5.30	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil			Yes	

	Tanker Manifolds and Associated Equipment'?	
5.31	Total number / size of cargo manifold connections on each side:	4 / 400.00 Millimetres
5.32	What type of valves are fitted at manifold:	Butterfly
5.33	What is the material/rating of the manifold:	Steel /
5.34	Does the vessel have a Common Line Manifold connection? If yes, describe:	
5.35	Distance between cargo manifold centers:	2,500.00 Millimetres
5.36	Distance ships rail to manifold:	4,400.00 Millimetres
5.37	Distance manifold to ships side:	4,600.00 Millimetres
5.38	Top of rail to center of manifold:	800.00 Millimetres
5.39	Distance main deck to center of manifold:	2,020.00 Millimetres
5.40	Spill tank grating to center of manifold:	900.00 Millimetres
5.41	Manifold height above the waterline in normal ballast / at SDWT condition:	15.28 Metres 8.24 Metres
5.42	Number / size / type of reducers:	4 x 400/300mm (16/12") 4 x 400/250mm (16/10") 4 x 400/200mm (16/8") ANSI
5.43	Is vessel fitted with a stern manifold? If yes, state size:	No,

Heating

5.44	Cargo / slop tanks fitted with a cargo heating system?	Type	Coiled	Material
	Cargo Tanks:	Steam	Yes	SS
	Slop Tanks:	Steam	Yes	SS
5.45	Maximum temperature cargo can be loaded / maintained:	75.0 °C / 167.0 °F	62 °C / 143.6 °F	
5.46	Minimum temperature cargo can be loaded / maintained:			

Coating / Anodes

5.47	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	Yes	Full Epoxy	Whole Tank	N/A
	Ballast tanks:	Yes	Full Epoxy	Whole Tank	Yes
	Slop tanks:	Yes	Full Epoxy	Whole Tank	

6. INERT GAS AND CRUDE OIL WASHING

6.1	Is a Crude Oil Washing (COW) installation fitted / operational?	Yes / Yes
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:	Flue Gas

7. MOORING

7.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	36 Millimetres	Galvanized Steel	220 Metres	92.00 Metric Tonnes
	Main deck fwd:	2	36 Millimetres	Galvanized Steel	220.00 Metres	92.00 Metric Tonnes
	Main deck aft:	2	36.00 Millimetres	Galvanized Steel	220.00 Metres	92.00 Metric Tonnes
	Poop deck:	6	36 Millimetres	Galvanized Steel	220 Metres	92.00 Metric Tonnes
7.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	75 Millimetres	Magnaro Megacore	11 Metres	118 Metric Tonnes
	Main deck fwd:	2	75 Millimetres	Nylon	11.00 Metres	118 Metric Tonnes
	Main deck aft:	2	75 Millimetres	Nylon	11.00 Metres	118 Metric Tonnes
	Poop deck:	6	75 Millimetres	Magnaro Megacore	11 Metres	118 Metric Tonnes
7.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	64 Millimetres	PLSR/PPLN	220 Metres	87 Metric Tonnes
	Main deck fwd:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Main deck aft:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Poop deck:	0	0 Millimetres		0 Metres	0 Metric Tonnes
7.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	34.00 Millimetres	Galvanized Steel	200.00 Metres	72.30 Metric Tonnes
	Main deck fwd:			Not Applicable		
	Main deck aft:			Not Applicable		
	Poop deck:	6	34.00 Millimetres	Galvanized Steel	200.00 Metres	72.30 Metric Tonnes

7.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double Drums	Hydraulic	48.00 Metric Tonnes	
	Main deck fwd:	1	Double Drums	Hydraulic	48.00 Metric Tonnes	
	Main deck aft:	1	Double Drums	Hydraulic	48.00 Metric Tonnes	
	Poop deck:	2	Triple Drums	Hydraulic	48.00 Metric Tonnes	
7.6	Bitts, closed chocks/fairleads	No. Bitts		SWL Bitts	No. Closed Chocks	SWL Closed Chocks
	Forecastle:	4		110 Metric Tonnes	8	110 Metric Tonnes
	Main deck fwd:	8		52 Metric Tonnes	10	44 Metric Tonnes
	Main deck aft:	4		52 Metric Tonnes	14	44 Metric Tonnes
	Poop deck:	4		110 Metric Tonnes	9	110 Metric Tonnes

Anchors/Emergency Towing System

7.7	Number of shackles on port / starboard cable:	12 / 12	
7.8	Type / SWL of Emergency Towing system forward:	SPM	200 Metric Tonnes
7.9	Type / SWL of Emergency Towing system aft:	ETA	200 Metric Tonnes

Escort Tug

7.10	What is size / SWL of closed chock and/or fairleads of enclosed type on stern:	450	200.00 Metric Tonnes
7.11	What is SWL of bollard on poop deck suitable for escort tug:	110.00 Metric Tonnes	

Bow/Stern Thruster

7.12	What is brake horse power of bow thruster (if fitted):	No,
7.13	What is brake horse power of stern thruster (if fitted):	No,

Single Point Mooring (SPM) Equipment

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:	2	
7.16	State type / SWL of chain stopper(s):	Tongue	200.00 Metric Tonnes
7.17	What is the maximum size chain diameter the bow stopper(s) can handle:	76.00 Millimetres	
7.18	Distance between the bow fairlead and chain stopper/bracket:	3,100.00 Millimetres	
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 Not Applicable	

Lifting Equipment

7.20	Derrick / Crane description (Number, SWL and location):	Cranes: 1 x 15.00 Tonnes Center	
7.21	What is maximum outreach of cranes / derricks outboard of the ship's side:	4.70 Metres	

Ship To Ship Transfer (STS) / Helicopter Operations

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 5.20 Metres	

8. MISCELLANEOUS

Engine				
8.1	Speed	Maximum	Economic	
	Ballast speed:	14.50 Knots (WSNP)	13 Knots (WSNP)	
	Laden speed:	14.50 Knots (WSNP)	12.50 Knots (WSNP)	
8.2	What type of fuel is used for main propulsion / generating plant:	IFO 380 cst	IFO 380 cst	
8.3	Type / Capacity of bunker tanks:	Fuel Oil: 2,700.20 Cu. Metres Diesel Oil: 207.20 Cu. Metres Gas Oil: 0 Cu. Metres		
8.4	Is vessel fitted with fixed or controllable pitch propeller(s):	Fixed		
8.5	Engines	No	Capacity	Make/Type
	Main engine:			MAK 9 M 32 C
	Aux engine:	3		
	Power packs:			
	Boilers:	2	46.00 Metric Tonnes/Hour	

Emissions

8.6	Main engine IMO NOx emission standard:	
8.7	Energy Efficiency Design Index (EEDI) rating number:	
Insurance		
8.8	P & I Club - Full Style:	GARD AS Tel: tba Email: tba
8.9	P & I Club pollution liability coverage / expiration date:	1,000,000,000 US\$ Feb 20, 2018
8.10	Hull & Machinery insured by - Full Style:	
8.11	Hull & Machinery insured value / expiration date:	30,000,000 US\$
Recent Operational History		
8.12	Date and place of last Port State Control inspection:	Jun 13, 2017 / Lazaro Cardenas
8.13	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No N/A
8.14	Has vessel been involved in a pollution, grounding, serious casualty or collision incident during the past 12 months? If yes, full description:	Pollution: No, Grounding: No, Casualty: No, Collision: No,
8.15	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	nhc/FO/NHC
8.16	Date/place of last STS operation:	22 April 2017, LB,USA
Vetting		
8.17	Date of last SIRE inspection:	Mar 22, 2017
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>	Contact owners for details
Additional Information		
8.20	Additional information relating to features of the ship or operational characteristics:	

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