

1.	VESSEL DESCRIPTION		
1.1	Date updated:	May 06, 2015	
1.2	Vessel's name:	PGC Ikaros	
1.3	IMO number:	9283617	
1.4	Vessel's previous name(s) and date(s) of change:	Stena Chronos (Jan 22, 2015) Ikaros (Aug 22, 2009)	
1.5	Date delivered:	Nov 26, 2004	
1.6	Builder (where built):	Hudong-Zhonghua Shipyard Shanghai PRChina	
1.7	Flag:	Bahamas	
1.8	Port of Registry:	Nassau	
1.9	Call sign:	C 6 T N 9	
1.10	Vessel's satcom phone number:	+870 773 159 568	
	Vessel's fax number:	+870 783 203 197	
	Vessel's telex number:	431170710 / 11	
	Vessel's email address:	pgcikaros@amosconnect.com	
1.11	Type of vessel:	Oil Tanker	
1.12	Type of hull:	Double Hull	
Classification			
1.13	Classification society:	Nippon Kaiji Kyokai	
1.14	Class notation:	NS (Tanker, Oils-Flashpoint on and below 60 C)(PrimeShip-Direct Assessment & Fatigue Assessment)(ESP)(PSCM)(IWS) MNS	
1.15	If Classification society changed, name of previous society:	Lloyds Register	
1.16	If Classification society changed, date of change:	Dec 08, 2008	
1.17	IMO type, if applicable:	3	
1.18	Does the vessel have ice class? If yes, state what level:	No, N/A	
1.19	Date / place of last dry-dock:	Jan 22, 2015	Antwerp
1.20	Date next dry dock due	Nov 25, 2019	
1.21	Date of last special survey / next survey due:	Jan 22, 2015	Nov 25, 2019
1.22	Date of last annual survey:	Jan 22, 2015	
1.23	If ship has Condition Assessment Program (CAP), what is the latest overall rating:	(N/A)	
1.24	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 Not Applicable	
Dimensions			
1.25	Length Over All (LOA):	228.60 Metres	
1.26	Length Between Perpendiculars (LBP):	218.60 Metres	
1.27	Extreme breadth (Beam):	32.26 Metres	
1.28	Moulded depth:	20.20 Metres	
1.29	Keel to Masthead (KTM) / KTM in collapsed condition (if applicable):	45.52 Metres	
1.30	Bow to Center Manifold (BCM) / Stern to Center Manifold (SCM):	116.00 Metres	112.60 Metres
1.31	Distance bridge front to center of manifold:	74.00 Metres	
1.32	Parallel body distances:	Lightship	Normal Ballast
	Forward to mid-point manifold:	58.90 Metres	69.10 Metres
	Aft to mid-point manifold:	36.00 Metres	53.00 Metres
	Parallel body length:	94.90 Metres	121.10 Metres
1.33	FWA at summer draft / TPC immersion at summer draft:	320.00 Millimetres	67.20 Metric Tonnes
1.34	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Lightship:	42.91 Metres	0 Metres
	Normal ballast:	37.57 Metres	0 Metres
	At loaded summer deadweight:	31.50 Metres	0 Metres
Tonnages			
1.35	Net Tonnage:	21,245.00	
1.36	Gross Tonnage / Reduced Gross Tonnage (if applicable):	40,690.00	31,934
1.37	Suez Canal Tonnage - Gross (SCGT) / Net (SCNT):	42,542.13	37,840.80

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1.38	Panama Canal Net Tonnage (PCNT):	33,630.00			
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	6.18 Metres	14.02 Metres	72,829.00 Metric Tonnes	86,249.21 Metric Tonnes
	Winter:	6.48 Metres	13.72 Metres	70,867.14 Metric Tonnes	84,288.49 Metric Tonnes
	Tropical:	5.89 Metres	14.31 Metres	74,794.44 Metric Tonnes	88,215.79 Metric Tonnes
	Lightship:	17.59 Metres	2.61 Metres		13,421.35 Metric Tonnes
	Normal Ballast Condition:	13.21 Metres	6.99 Metres	27,093.86 Metric Tonnes	40,515.21 Metric Tonnes
1.40	Does vessel have multiple SDWT?			Yes	
1.41	If yes, what is the maximum assigned deadweight?			72,829.00 Metric Tonnes	
Ownership and Operation					
1.42	Registered owner - Full style:			PST SA c/o Paradise Navigation SA Trust Company Complex, Ajeltake Road, Ajeltake Island, Majuro Marshall Islands Tel: +302106912010 Fax: +302106912272 Telex: 215433 Email: paradise@paradisenet.gr Company IMO#: 5836936	
1.43	Technical operator - Full style:			Paradise Navigation SA 4-6 Solomou Str. 15451 N. Psychiko - Athens Tel: +30 210 6912010 Fax: +30 210 6912272 Telex: 215433 PARA GR Email: paradise@paradisenet.gr	
1.44	Commercial operator - Full style:			Penfield Marine LLC 65 Station Street Southport, Connecticut 06890 USA Tel: +1 (203) 274-8400 Fax: +1 (203) 274-8409 Email: operations@penfieldmarine.com Web: www.penfieldmarine.com	
1.45	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 Telex: n/a Email: operations@penfieldmarine.com Web: www.penfieldmarine.com	

2.	CERTIFICATION	Issued	Last Annual or Intermediate	Expires
2.1	Safety Equipment Certificate:	Jan 22, 2015	Jan 22, 2015	Nov 25, 2019
2.2	Safety Radio Certificate:	Jan 22, 2015	Jan 22, 2015	Nov 25, 2019
2.3	Safety Construction Certificate:	Jan 22, 2015	Jan 22, 2015	Nov 25, 2019
2.4	Loadline Certificate:	Jan 22, 2015	Jan 22, 2015	Nov 25, 2019
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jan 22, 2015	Jan 22, 2015	Nov 25, 2019
2.6	Safety Management Certificate (SMC):	Jan 22, 2015	Not Applicable	Aug 10, 2019
2.7	Document of Compliance (DOC):	Mar 17, 2014	Feb 04, 2014	Apr 28, 2018
2.8	USCG (specify: COC, LOC or COI): COC	Jun 13, 2014	Jun 13, 2014	Jun 13, 2016
2.9	Civil Liability Convention Certificate (CLC):	Jan 22, 2015		Feb 20, 2016
2.10	Civil Liability for Bunker Oil Pollution Damage	Jan 22, 2015		Feb 20, 2016

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	Convention Certificate (CLBC):			
2.11	U.S. Certificate of Financial Responsibility (COFR):	Jan 28, 2015		Jan 28, 2018
2.12	Certificate of Fitness (Chemicals):	Not Applicable	Not Applicable	Not Applicable
2.13	Certificate of Fitness (Gas):	Not Applicable	Not Applicable	Not Applicable
2.14	Certificate of Class:	Jan 22, 2015	Jan 22, 2015	Nov 25, 2019
2.15	International Ship Security Certificate (ISSC):	Jan 22, 2015	Not Applicable	Aug 10, 2019
2.16	International Sewage Pollution Prevention Certificate (ISPPC)	Jan 22, 2015		Nov 25, 2019
2.17	International Air Pollution Prevention Certificate (IAPP):	Jan 22, 2015	Jan 22, 2015	Nov 25, 2019
Documentation				
2.18	Does vessel have all updated publications as listed in the Vessel Inspection Questionnaire, Chapter 2- Question 2.24, as applicable:			Yes
2.19	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:			Yes

3.	CREW MANAGEMENT			
3.1	Nationality of Master:	Greek		
3.2	Nationality of Officers:	Montenegrin, Greek, Romanian, Filipino		
3.3	Nationality of Crew:	Romanian, Montenegrin, Filipino		
3.4	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@pltdtsl.net</p> <p>Crew: Interorient Maritime Enterprises 608 Ortigas Av.,Parig, M. Manila,1605 Philippines Tel: +632 631 1226 Fax: +632 637 7992 Telex: 007563091 INORM PH Email: inormph@pltdtsl.net</p>		
3.5	What is the common working language onboard:	English		
3.6	Do officers speak and understand English:	Yes		
3.7	In case of Flag Of Convenience, is the ITF Special Agreement on board:	Yes		

4.	HELICOPTERS			
4.1	Can the ship comply with the ICS Helicopter Guidelines:	Yes		
4.2	If Yes, state whether winching or landing area provided:	Winching		

5.	FOR USA CALLS			
5.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter:	Yes		
5.2	Qualified individual (QI) - Full style:	<p>OBRIENS OIL POLLUTION SERVICE 645 Codifer Street Slidell Louisiana 70458 Tel: +1-985-781-0804 Fax: +1-985-781-0580 Telex: 49617361 OOPSUI Email: OOPS-USA@OOPSUSA.COM</p>		
5.3	Oil Spill Response Organization (OSRO) -Full style:	<p>NATIONAL RESPONSE CORP. 3500 Sunrise Highway, Suite T103 Great River NY 11739 USA Tel: +1-631-224-9141 Fax: +1-631-224-9086 Email: iocdo@nrcc.com Web: nrc.com</p>		
5.4	Has technical operator signed the SCIA / C-TPAT agreement with US customs concerning drug smuggling:	Yes		

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6.	CARGO AND BALLAST HANDLING		
Double Hull Vessels			
6.1	Is vessel fitted with centerline bulkhead in all cargo tanks:	Yes	
6.2	If Yes, is bulkhead solid or perforated:	Solid	
Cargo Tank Capacities			
6.3	Capacity (98%) of each natural segregation with double valve (specify tanks):	Seg#1: 27685.9 m3 (3+6 wings) Seg#2: 28036.9 m3 (2+5 wings) Seg#3: 23990 m3 (1+4 wings)	
6.4	Total cubic capacity (98%, excluding slop tanks):	78,636.39 Cu. Metres	
6.5	Slop tank(s) capacity (98%):	2,722.14 Cu. Metres	
6.6	Residual/Retention oil tank(s) capacity (98%), if applicable:		
6.7	Does vessel have Segregated Ballast Tanks (SBT) or Clean Ballast Tanks (CBT):	SBT	
SBT Vessels			
6.8	What is total capacity of SBT?	28,675.70 Cu. Metres	
6.9	What percentage of SDWT can vessel maintain with SBT only:	39.50 %	
6.10	Does vessel meet the requirements of MARPOL Annex I Reg 18.2: (previously Reg 13.2)	Yes	
Cargo Handling			
6.11	How many grades/products can vessel load/discharge with double valve segregation:	3	
6.12	Maximum loading rate for homogenous cargo per manifold connection:	2,000 Cu. Metres/Hour	
6.13	Maximum loading rate for homogenous cargo loaded simultaneously through all manifolds:	7,500.00 Cu. Metres/Hour	
6.14	Are there any cargo tank filling restrictions. If yes, please specify:	No	
Pumping Systems			
6.15	Pumps:	No.	Type
	Cargo:	3	Centrifugal
	Stripping:	1	Reciprocating
	Eductors:	1	Reciprocating
	Ballast:	2	Centrifugal
			Capacity
			2000 M3/HR
			200 Cu. Metres/Hour
			3,600 Cu. Metres/Hour
			1,200 Cu. Metres/Hour
6.16	How many cargo pumps can be run simultaneously at full capacity:	3	
Cargo Control Room			
6.17	Is ship fitted with a Cargo Control Room (CCR):	Yes	
6.18	Can tank innage / ullage be read from the CCR:	Yes	
Gauging and Sampling			
6.19	Can ship operate under closed conditions in accordance with ISGOTT:	Yes	
6.20	What type of fixed closed tank gauging system is fitted:	Radar	
6.21	Are overfill (high-high) alarms fitted? If Yes, indicate whether to all tanks or partial:	Yes/All	
Vapor Emission Control			
6.22	Is a vapor return system (VRS) fitted:	Yes	
6.23	Number/size of VRS manifolds (per side):	1	16 Millimetres
Venting			
6.24	State what type of venting system is fitted:	Common Venting using deck IGS lines	
Cargo Manifolds			
6.25	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment':	Yes	
6.26	What is the number of cargo connections per side:	4	
6.27	What is the size of cargo connections:	400.00 Millimetres	
6.28	What is the material of the manifold:	Steel	
Manifold Arrangement			

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6.29	Distance between cargo manifold centers:	2,500.00 Millimetres	
6.30	Distance ships rail to manifold:	4,400.00 Millimetres	
6.31	Distance manifold to ships side:	4,600.00 Millimetres	
6.32	Top of rail to center of manifold:	800.00 Millimetres	
6.33	Distance main deck to center of manifold:	2,020.00 Millimetres	
6.34	Manifold height above the waterline in normal ballast / at SDWT condition:	15.28 Metres	8.24 Metres
6.35	Number / size reducers:	4 x 400/300mm (16/12") 4 x 400/250mm (16/10") 4 x 400/200mm (16/8")	

Stern Manifold

6.36	Is vessel fitted with a stern manifold:	No
6.37	If stern manifold fitted, state size:	

Cargo Heating

6.38	Type of cargo heating system?	HEATING COILS	
6.39	If fitted, are all tanks coiled?	Yes	
6.40	If fitted, what is the material of the heating coils:	Other	
6.41	Maximum temperature cargo can be loaded/maintained:	65.0 °C / 149.0 °F	62 °C / 143.6 °F

Tank Coating

6.42	Are cargo, ballast and slop tanks coated?	Coated	Type	To What Extent
	Cargo tanks:	Yes	Full Epoxy	Whole Tank
	Ballast tanks:	Yes	Full Epoxy	Whole Tank
	Slop tanks:	Yes (JOTUN'S EPOXY COATING "TANKGUARD HB")	Epoxy	Whole Tank
6.43	If fitted, what type of anodes are used:	ZINC 32 kgr BOLTED		

7. INERT GAS AND CRUDE OIL WASHING

7.1	Is an Inert Gas System (IGS) fitted:	Yes
7.2	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	Flue Gas
7.3	Is a Crude Oil Washing (COW) installation fitted:	Yes

8. MOORING

8.1	Mooring wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	0 Millimetres	Not Applicable	0 Metres	0 Metric Tonnes
	Main deck fwd:	2	34.00 Millimetres	GALV. STEEL	200.00 Metres	72.30 Metric Tonnes
	Main deck aft:	2	34.00 Millimetres	GALV. STEEL	200.00 Metres	72.30 Metric Tonnes
	Poop deck:	0	0 Millimetres	Not Applicable	0 Metres	0 Metric Tonnes
8.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:			Not Applicable		
	Main deck fwd:	2	80.00 Millimetres	NYLON	11.00 Metres	120.00 Metric Tonnes
	Main deck aft:	2	80.00 Millimetres	NYLON	11.00 Metres	120.00 Metric Tonnes
	Poop deck:			Not Applicable		
8.3	Mooring ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	6	72.00 Millimetres	PLSR/PPLN	220.00 Metres	95.00 Metric Tonnes
	Main deck fwd:	0	0 Millimetres	Not Applicable	0 Metres	0 Metric Tonnes
	Main deck aft:	0	0 Millimetres	Not Applicable	0 Metres	0 Metric Tonnes
	Poop deck:	6	72.00 Millimetres	PLSR/ PPLN	220.00 Metres	95.00 Metric Tonnes
8.4	Other mooring lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:			Not Applicable		
	Main deck fwd:			Not Applicable		
	Main deck aft:			Not Applicable		
	Poop deck:			Not Applicable		
8.5	Mooring winches			No.	# Drums	Brake Capacity

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	Forecastle:	3	Double Drums	48.00 Metric Tonnes
	Main deck fwd:	1	Double Drums	48.00 Metric Tonnes
	Main deck aft:	1	Double Drums	48.00 Metric Tonnes
	Poop deck:	2	Triple Drums	48.00 Metric Tonnes
8.6	Mooring bitts		No.	SWL
	Forecastle:	4		110 Metric Tonnes
	Main deck fwd:	8		52 Metric Tonnes
	Main deck aft:	4		52 Metric Tonnes
	Poop deck:	4		52 Metric Tonnes
8.7	Closed chocks and/or fairleads of enclosed type		No.	SWL
	Forecastle:	8		110 Metric Tonnes
	Main deck fwd:	10		44 Metric Tonnes
	Main deck aft:	14		44 Metric Tonnes
	Poop deck:	9		110 Metric Tonnes
Emergency Towing System				
8.8	Type / SWL of Emergency Towing system forward:		SPM	200 Metric Tonnes
8.9	Type / SWL of Emergency Towing system aft:		ETA	200 Metric Tonnes
Anchors				
8.10	Number of shackles on port cable:			12
8.11	Number of shackles on starboard cable:			12
Escort Tug				
8.12	What is SWL and size of closed chock and/or fairleads of enclosed type on stern:		200.00 Metric Tonnes	450
8.13	What is SWL of bollard on poopdeck suitable for escort tug:			110.00 Metric Tonnes
Bow/Stern Thruster				
8.14	What is brake horse power of bow thruster (if fitted):			0 Kilowatt
8.15	What is brake horse power of stern thruster (if fitted):			0 Kilowatt
Single Point Mooring (SPM) Equipment				
8.16	Does vessel comply with the latest edition of OCIMF 'Recommendations for Equipment Employed in the Mooring of Vessels at Single Point Moorings (SPM)':			Yes
8.17	Is vessel fitted with chain stopper(s):			Yes
8.18	How many chain stopper(s) are fitted:		2	
8.19	State type of chain stopper(s) fitted:		TONGUE SPM	
8.20	Safe Working Load (SWL) of chain stopper(s):			200.00 Metric Tonnes
8.21	What is the maximum size chain diameter the bow stopper(s) can handle:			76.00 Millimetres
8.22	Distance between the bow fairlead and chain stopper/bracket:			3,100.00 Millimetres
8.23	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				
8.24	Derrick / Crane description (Number, SWL and location):		Cranes: 1 x 15.00 Tonnes, center	
8.25	What is maximum outreach of cranes / derricks outboard of the ship's side:			4.00 Metres
Ship To Ship Transfer (STS)				
8.26	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum or Liquefied Gas, as applicable):			Yes

9. MISCELLANEOUS
Engine Room

9.1	What type of fuel is used for main propulsion?		IFO 380 cst	
9.2	What type of fuel is used in the generating plant?		IFO 380 cst	
9.3	Capacity of bunker tanks - IFO and MDO/MGO:		2,700.20 Cu. Metres	207.20 Cu. Metres 0 Cu. Metres
9.4	Is vessel fitted with fixed or controllable pitch propeller(s)?		Fixed	

Insurance

9.5	P & I Club - Full Style:		GARD GARD SERVICES AS Address: Service box	
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		600, N-4809 Arendal, NorwayTel: +47 3701 9100 Fax: +47 3702 4810Email: company@mail.no
9.6	P & I Club coverage - pollution liability coverage:	1,000,000,000 US\$
Port State Control		
9.7	Date and place of last Port State Control inspection:	Jan 23, 2015 / Antwerp
9.8	Any outstanding deficiencies as reported by any Port State Control:	No
9.9	If yes, provide details:	N/A
Recent Operational History		
9.10	Has vessel been involved in a pollution, grounding, serious casualty or collision incident during the past 12 months? If yes, full description:	Pollution: No, n/a Grounding: No , n/a Serious casualty: No , Collision: No , n/a
9.11	Last three cargoes / charterers / voyages (Last / 2nd Last / 3rd Last):	1st last: CRUDE/LUKOIL / SWP LA to HOUSTON 2nd last: CRUDE/UNIPEC/ESMERALDAS-MOBILE, ALABAMA 3rd last: CRUDE/GLENPOINT/GALEOTA-LA PAMPILLA, PERU
Vetting		
9.12	Date/Place of last SIRE Inspection:	Mar 19, 2015 / La Pampilla, Peru
9.13	Date/Place of last CDI Inspection:	N/A
9.14	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>	Shell, Exxon, Chevron, P66, Repsol, BP, Tesoro, PMI, Valero

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