

1. GENERAL INFORMATION			
1.1	Date updated:	Nov 20, 2018	
1.2	Vessel's name (IMO number):	Orpheas (9318149)	
1.3	Vessel's previous name(s) and date(s) of change:	Not Applicable	
1.4	Date delivered/Builder (where built):	May 15, 2007/HYUNDAI SAMHO HEAVY IND.,	
1.5	Flag/Port of Registry:	Liberia/MONROVIA	
1.6	Call sign/MMSI:	A8LA5/636013157	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: 0044-2036959035 / 0044-2036955112 Fax: 00870-783400088 Email: A8LA5@globeemail.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	
Ownership and Operation			
1.10	Registered owner - Full style:	Orpheas Navigation Inc THROUGH LIQUIMAR TANKERS Tel: THROUGH LIQUIMAR TAN Fax: SAME AS ABOVE Telex: SAME AS ABOVE Email: SAME AS ABOVE Web: www.liquimar.gr	
1.11	Technical operator - Full style:	Liquimar Tankers 1-3 Alopekis str, 10675, Athens, Greece. Greece Tel: +302107267500 Fax: +302107209996 Telex: 224187 Email: main@liquimar.gr Web: www.liquimar.gr Company IMO#: 5873203	
1.12	Commercial operator - Full style:	Blue Fin Tankers Inc. c/o HEIDMAR INC 383 Main Avenue 5th Floor Norwalk, CT 06851 United States Tel: +1-203-662-2660 Fax: +1-203-662-2782 Email: bulletin@heidmar.com Web: www.heidmar.com	
1.13	Disponent owner - Full style:	Bluefin Tankers Inc c/o HEIDMAR 383 Main Avenue 5th Floor Norwalk, CT 06851 Tel: +1 203 662 2620 Email: bulletin@heidmar.com	
Insurance			
1.14	P & I Club - Full Style:	London P&I Tel: +44 20 7772 8000 Email: london@londonpandi.com	
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)	Swedish Club	
1.17	Hull & Machinery insured value/expiration date:	90,000,000 US\$	May 01, 2019
Classification			
1.18	Classification society:	DNV GL	
1.19	Class notation:	+1A1 Tanker for oil esp. NUTICUS, ZD, VCS-2	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:	No N/A	
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:			N/A,	
1.23	Date/place of last dry-dock:			Jun 23, 2017/Singapore	
1.24	Date next dry dock due/next annual survey due:			May 15, 2022	May 15, 2019
1.25	Date of last special survey/next special survey due:			Jun 22, 2017	May 15, 2027
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:			,	
Dimensions					
1.27	Length overall (LOA):			274.18 Metres	
1.28	Length between perpendiculars (LBP):			264.00 Metres	
1.29	Extreme breadth (Beam):			50.00 Metres	
1.30	Moulded depth:			23.10 Metres	
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:			50.66 Metres	
1.32	Distance bridge front to center of manifold:			94.99 Metres	
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):			137.69 Metres	136.43 Metres
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt	
	Forward to mid-point manifold:	37.66 Metres	68.71 Metres	68.55 Metres	
	Aft to mid-point manifold:	50.06 Metres	51.05 Metres	64.30 Metres	
	Parallel body length:	109 Metres	129 Metres	152 Metres	
Tonnages					
1.35	Net Tonnage:			55,672.00	
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			84,796.00	67,128
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			84,992.96	80,073.51
1.38	Panama Canal Net Tonnage (PCNT):				
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	6.09 Metres	17.32 Metres	167,281.90 Metric Tonnes	192,955.00 Metric Tonnes
	Winter:	6.18 Metres	16.96 Metres	162,851.00 Metric Tonnes	188,511.00 Metric Tonnes
	Tropical:	5.46 Metres	17.68 Metres	171,725.00 Metric Tonnes	197,398.00 Metric Tonnes
	Lightship:		2.65 Metres	-	25,673.10 Metric Tonnes
	Normal Ballast Condition:	13.89 Metres	9.21 Metres	56,225.00 Metric Tonnes	81,885.00 Metric Tonnes
	Segregated Ballast Condition:	13.89 Metres	9.21 Metres	56,232.00 Metric Tonnes	81,892.00 Metric Tonnes
1.40	FWA/TPC at summer draft:			391.16 Millimetres	123.33 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?			- Ocean Passages - 25% of deepest draft - Fairways/Channels/river transits - 10% of deepest draft - Alongside lay-by berth - 5% of maximum draft - Alongside berth- terminal - 10% of max draft - Deep water channels - 15% of deepest draft - Whilst at SBM/CBM - 10% of deepest draft	
1.44	What is the max height of mast above waterline (air draft)			Full Mast	Collapsed Mast
	Summer deadweight:			32.54 Metres	0 Metres
	Normal ballast:			41.45 Metres	0 Metres
	Lightship:			48.01 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Jun 22, 2017	Apr 03, 2018		May 15, 2022

2.2	Safety Radio Certificate (SRC):	Jun 22, 2017	Apr 03, 2018		May 15, 2022
2.3	Safety Construction Certificate (SCC):	Jun 22, 2017	Apr 03, 2018		May 15, 2022
2.4	International Loadline Certificate (ILC):	Jun 22, 2017	Apr 03, 2018		May 15, 2022
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jun 22, 2017	Apr 03, 2018		May 15, 2022
2.6	International Ship Security Certificate (ISSC):	Aug 12, 2017	Not Applicable	Jun 20, 2017	Sep 27, 2022
2.7	Maritime Labour Certificate (MLC):	May 09, 2018	N/A		Jul 06, 2023
2.8	ISM Safety Management Certificate (SMC):	Aug 12, 2017	Not Applicable	Not Applicable	Sep 27, 2022
2.9	Document of Compliance (DOC):	Dec 15, 2017			Jan 12, 2023
2.10	USCG Certificate of Compliance (USCGCOC):	Jan 15, 2018	Not Applicable		Jan 14, 2020
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 20, 2019	N/A	N/A	Feb 20, 2019
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 20, 2018	N/A	N/A	Feb 20, 2019
2.13	Liability for the Removal of Wrecks Certificate (WRC):	Feb 20, 2018	N/A	N/A	Feb 20, 2019
2.14	U.S. Certificate of Financial Responsibility (COFR):	Jul 02, 2016	N/A	N/A	Jul 02, 2019
2.15	Certificate of Class (COC):	Jun 22, 2017	Apr 03, 2018		Jun 22, 2022
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Jun 22, 2017	N/A	N/A	Jun 22, 2022
2.17	Certificate of Fitness (COF):	Not Applicable	Not Applicable		Not Applicable
2.18	International Energy Efficiency Certificate (IEEC):	May 12, 2013	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Jun 22, 2017	Apr 03, 2018		Jun 22, 2022

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):	Apr 30, 2018

3.	CREW		
3.1	Nationality of Master:		Greek
3.2	Number and nationality of Officers:	9	Filipino, Greek
3.3	Number and nationality of Crew:	19	FILIPPINO - ROMANIAN
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: LIQUIMAR TANKERS 1-3, Alopekis Str., 106 75 Athens, GREECE Tel: +302107267500 Fax: +302107209996 Telex: 224187 LQMR GR Email: Main@liquimar.gr	Ratings: LIQUIMAR TANKERS 1-3 ALOPEKIS STR. 10675 ATHENS Tel: +302107267500 Fax: +302107209996 Telex: 224187 Email: MAIN@LIQUIMAR.GR

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'BRIEN O'BRIEN'S OIL POLLUTION SERVICE 103 MORGAN LANE, SUITE 103 PLAINSBORO NJ 08536-3339 U.S.A. Tel: 1-609-2759600 Fax: 1-609-2759444 Email: oops-nj@oopsusa.com		
4.3	Oil Spill Response Organization (OSRO) - Full style:	National Response Corp.3500 Sunrise HighwaySuite T Tel: +1-6312249141 Email: iocdo@nrcc.com		
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	DONJON SMIT, LLC. 909 N.Washington St., Suite 300A, Alexandria, VA U.S.A. Tel: +1-703-299-0081		

		Fax: +1-703-299-0085 Email: duty.officer@donjon-smit.com
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5.	SAFETY/HELICOPTER	
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 ISO9002
5.2	Can the ship comply with the ICS Helicopter Guidelines?	Yes
5.2.1	If Yes, state whether winching or landing area provided:	Landing
5.2.2	If Yes, what is the diameter of the circle provided:	13.00 Metres

6.	COATING/ANODES				
6.1	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	Yes	P/EPOXY	80 PER CENT	No
	Ballast tanks:	Yes	ANTIABRSSIVE PURE EPOXIES	All areas are applied coated in ballast tanks	Yes
	Slop tanks:	Yes	EPOXY	Whole Tank	

7.	BALLAST				
7.1	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Vertical Centrifugal	2,500 Cu. Metres/Hour	30 Metres
	Ballast Eductors:	1		200 Cu. Metres/Hour	

8.	CARGO			
Double Hull Vessels				
8.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:		Yes, Solid	
Cargo Tank Capacities				
8.2	Number of cargo tanks and total cubic capacity (98%):		14	178,369.50 Cu. Metres
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):		Seg#1: 56045.22 m3 (NO.1 (P&S) +NO.4(P&S) COT + SLOP (S)) Seg#2: 63120.624 m3 (NO.2(P&S)+NO.5(P&S)+ SLOP(S)) Seg#3: 59203.074 m3 (NO.3 (P&S)+NO.6(P&S))	
8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):		N/A	
8.3	Number of slop tanks and total cubic capacity (98%):			4,422.10 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:			
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:			
SBT Vessels				
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?		57,192.30 Cu. Metres	36.00 %
8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:		Yes	
Cargo Handling and Pumping Systems				
8.4	How many grades/products can vessel load/discharge with double valve segregation:		3	
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:		N/A Not Applicable	
8.6	Max loading rate for homogenous cargo		With VECS	Without VECS
	Loaded per manifold connection:			12,600 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:			12,600.00 Cu. Metres/Hour
Cargo Control Room				
8.7	Is ship fitted with a Cargo Control Room (CCR)?		Yes	
8.8	Can tank innage/ullage be read from the CCR?		Yes	
Gauging and Sampling				

8.9	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:	Yes,			
	What type of fixed closed tank gauging system is fitted:	Radar			
	Are high level alarms fitted to the cargo tanks? If Yes, indicate whether to all tanks or partial:	Yes, All			
8.9.1	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?	Yes			
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:	Yes,			
8.10	Number of portable gauging units (example- MMC) on board:	5			
Vapor Emission Control System (VECS)					
8.11	Is a Vapour Emission Control System (VECS) fitted?	Yes			
8.12	Number/size of VECS manifolds (per side):	2	400 Millimetres		
8.13	Number/size/type of VECS reducers:				
Venting					
8.14	State what type of venting system is fitted:	High Velocity P/V V/V,P/V Breaker,Vent Riser			
Cargo Manifolds and Reducers					
8.15	Total number/size of cargo manifold connections on each side:	3/600.00 Millimetres			
8.16	What type of valves are fitted at manifold:	Butterfly			
8.17	What is the material/rating of the manifold:	Steel/			
8.17.1	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?	Yes			
8.18	Distance between cargo manifold centers:	3,000.00 Millimetres			
8.19	Distance ships rail to manifold:	4,600.00 Millimetres			
8.20	Distance manifold to ships side:	5,100.00 Millimetres			
8.21	Top of rail to center of manifold:	870.00 Millimetres			
8.22	Distance main deck to center of manifold:	2,000.00 Millimetres			
8.23	Spill tank grating to center of manifold:	900.00 Millimetres			
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:	16.95 Metres	7.82 Metres		
8.25	Number/size/type of reducers:	3 x 600/500mm (24/20") 6 x 600/400mm (24/16") 3 x 600/300mm (24/12") ANSI			
8.26	Is vessel fitted with a stern manifold? If yes, state size:	No,			
Heating					
8.27	Cargo/slop tanks fitted with a cargo heating system?	Type	Coiled	Material	
	Cargo Tanks:	HEATING COILS	Yes	Other	
	Slop Tanks:				
8.28	Maximum temperature cargo can be loaded/maintained:	73.9 °C / 165.0 °F		57.2 °C / 134.96 °F	
8.28.1	Minimum temperature cargo can be loaded/maintained:				
Inert Gas and Crude Oil Washing					
8.29	Is an Inert Gas System (IGS) fitted/operational?	Yes/Yes			
8.29.1	Is a Crude Oil Washing (COW) installation fitted/operational?	Yes/Yes			
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:	Flue Gas			
Cargo Pumps					
8.31	How many cargo pumps can be run simultaneously at full capacity:				3
8.32	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Cargo Pumps:	3	Centrifugal	4000 M3/HR	135 Meters 135 Meters 135 Meters
	Cargo Eductors:	2	DRIVING LIQUID	400 Cu. Metres/Hour	20 Metres
	Stripping:	1	Reciprocating	300 Cu. Metres/Hour	135 Metres
8.33	Is at least one emergency portable cargo pump provided?				N/A

9.	MOORING					
9.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	6	38.00 Millimetres	GSChoredWire	275.00 Metres	96.00 Metric Tonnes

	Main deck fwd:	2	38.00 Millimetres	GSChoredWire	275.00 Metres	96.00 Metric Tonnes
	Main deck aft:	2	38.00 Millimetres	GSChoredWire	275.00 Metres	96.00 Metric Tonnes
	Poop deck:	6	38.00 Millimetres	GSChoredWire	275.00 Metres	96.00 Metric Tonnes
9.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	6	80.00 Millimetres	Nylon	11.00 Metres	120.00 Metric Tonnes
	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:	6	80.00 Millimetres	Nylon	11.00 Metres	120.00 Metric Tonnes
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	3	Double Drums	Electro-Hyd	58.00 Metric Tonnes	
	Main deck fwd:	1	Double Drums	Electro-Hyd	58.00 Metric Tonnes	
	Main deck aft:	1	Double Drums	Electro-Hyd	58.00 Metric Tonnes	
	Poop deck:	3	Double Drums	Electro-Hyd	58.00 Metric Tonnes	
9.6	Bits, closed chocks/fairleads		No. Bits	SWL Bits	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		6	150 Metric Tonnes	6	150 Metric Tonnes
	Main deck fwd:		4	150 Metric Tonnes	4	150 Metric Tonnes
	Main deck aft:		4	150 Metric Tonnes	4	150 Metric Tonnes
	Poop deck:		6	152 Metric Tonnes	6	150 Metric Tonnes
Anchors/Emergency Towing System						
9.7	Number of shackles on port/starboard cable:				13/14	
9.8	Type/SWL of Emergency Towing system forward:				Tongue Type	350 Metric Tonnes
9.9	Type/SWL of Emergency Towing system aft:				WIRE ON REEL	400 Metric Tonnes
Escort Tug						
9.10	What is size/SWL of closed chock and/or fairleads of enclosed type on stern:				450X600	250.00 Metric Tonnes
9.11	What is SWL of bollard on poop deck suitable for escort tug:				250.00 Metric Tonnes	
Lifting Equipment/Gangway						
9.12	Derrick/Crane description (Number, SWL and location):				Cranes: 2 x 20.00 Tonnes CENTER	
9.13	Accommodation ladder direction:					
	Does vessel have a portable gangway? If yes, state 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)’?				Yes	
9.15	If fitted, how many chain stoppers:				2	
9.16	State type/SWL of chain stopper(s):				Tongue Type	350.00 Metric Tonnes
9.17	What is the maximum size chain diameter the bow stopper(s) can handle:				76.00 Millimetres	
9.18	Distance between the bow fairlead and chain stopper/bracket:				2.90 Metres	
9.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size				Yes	

	(600mm x 450mm)? If not, give details of size:	
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10.	PROPULSION			
10.1	Speed	Maximum	Economical	
	Ballast speed:			
	Laden speed:			
10.2	What type of fuel is used for main propulsion/generating plant:	H.F.O	H.F.O, D.O	
10.3	Type/Capacity of bunker tanks:	Fuel Oil: 4,462.90 Cu. Metres Diesel Oil: 196 Cu. Metres Gas Oil: 0 Cu. Metres		
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):	Fixed		
10.5	Engines	No	Capacity	Make/Type
	Main engine:			
	Aux engine:	3		
	Power packs:			
	Boilers:	2	40.00 Metric Tonnes/Hour	
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):	No,		
10.7	What is brake horse power of stern thruster (if fitted):	No,		
Emissions				
10.8	Main engine IMO NOx emission standard:	Tier II		
10.9	Energy Efficiency Design Index (EEDI) rating number:	Group E		

11.	SHIP TO SHIP TRANSFER	
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:	7.50 Metres
11.3	Date/place of last STS operation:	16 June 2018 / STS Bigstone Philadelphia

12.	RECENT OPERATIONAL HISTORY	
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	1) C.O./ ENI / ZAWIA - PHILADELPHIA 2) C.O./ VITOL / BONGA - TRIESTE 3)C.O. / REPSOL / DOS BOCAS - CARTAGENA
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, N/A Grounding: No, N/A Casualty: No, N/A Repair: No, Collision: No, N/A
12.3	Date and place of last Port State Control inspection:	Jul 30, 2018 / CARTAGENA
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No N/A
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>	CHEVRON, IMT, RIGHTSHIP, REPSOL, SHELL.
12.6	Date/Place of last SIRE inspection:	Oct 20, 2018 / Trieste
12.7	Additional information relating to features of the ship or operational characteristics:	

Revised 2018 ([INTERTANKO/Q88.com](http://www.intertanko.com/Q88.com))

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

To the best of owners knowledge all information is true and given without any guarantee.