INTERTANKO CHARTERING QUESTIONNAIRE 88 - OIL **Version 5**

1.	**GENERAL INFORMATION**		
1.1	Date updated:	27 January, 2020	
1.2	Vessel's name (IMO number):	C ROCK (9333668)	
1.3	Vessel's previous name(s) and date(s) of change:	CANSU D 31/05/2017	
1.4	Date delivered/Builder (where built):	June 03, 2005 / ISTANBUL SHIPYARD	
1.5	Flag/Port of Registry:	Malta / Valletta	
1.6	Call sign/MMSI:	9HA2803 / 215 893 000	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: +870773170450 Email: crock@nrgmaritime.com	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Oil/ Chemical Tanker	
1.9	Type of hull:	Double Hull	
Ownership and Operation			
1.10	Registered owner - Full style:	VERSUS TRADING Co TRUST COMPANY COMPLEX, AJELTAKE ROAD, AJELTAKE ISLAND, MAJURO, MARSHALL ISLANDS	
1.11	Technical operator - Full style:	NRG MARITIME INC 168 Kifisias Av. & Sofokleous str., 151 26 Marousi, GREECE T: +30 211 10 73 400, F: +30 211 10 73 405 E: operations@nrgmaritime.com	
1.12	Commercial operator - Full style:	NRG MARITIME INC 168 Kifisias Av. & Sofokleous str., 151 26 Marousi, GREECE T: +30 211 10 73 400, F: +30 211 10 73 405 E: operations@nrgmaritime.com	
1.13	Disponent owner - Full style:	NRG MARITIME INC 168 Kifisias Av. & Sofokleous str., 151 26 Marousi, GREECE T: +30 211 10 73 400, F: +30 211 10 73 405 E: operations@nrgmaritime.com	
Insurance			
1.14	P & I Club - Full Style:	The London P&I	
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US$	Feb 20, 2020
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Lochain Patrick Insurance Brokers Limited	
1.17	Hull & Machinery insured value/expiration date:	6,000,000 US$	May 29, 2020
Classification			
1.18	Classification society:	Bureau Veritas	
1.19	Class notation:	1 HULL*MACH OIL TANKER ESP-CHEMICAL TANKER -ESP UNRESTRICTED NAVIGATION * AUT-UMS-CLEAN-SEA ICE CLASS IC *IG	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:	No	
1.21	If classification society changed, name of previous and date of change:	N/A	
1.22	Does the vessel have ice class? If yes, state what level:	No, it has been suspended	

1.23	Date/place of last dry-dock:			Sep 20, 2014 / ISTANBUL	
1.24	Date next dry dock due/next annual survey due:			Jun 02, 2020	Sept 02, 2019
1.25	Date of last special survey/next special survey due:			May 06, 2015	Jun 02, 2020
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:			(Not Applicable)	
Dimensions					
1.27	Length overall (LOA):				105.50 Metres
1.28	Length between perpendiculars (LBP):				99.35 Metres
1.29	Extreme breadth (Beam):				16.80 Metres
1.30	Moulded depth:				7.40 Metres
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:			32.60 Metres	32.60 Metres
1.32	Distance bridge front to center of manifold:				37.20 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):			46.80 Metres	46.80 Metres
1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		20 Metres	21 Metres	23 Metres
	Aft to mid-point manifold:		47 Metres	54 Metres	55 Metres
	Parallel body length:		67 Metres	75 Metres	78 Metres
Tonnages					
1.35	Net Tonnage:				1,771
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			3,960	3,313
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			3,220.63	4,207.16
1.38	Panama Canal Net Tonnage (PCNT):				1,771
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	1.12 Metres	6.29 Metres	5,809.30 Metric Tonnes	8,082.80 Metric Tonnes
	Winter:	1.251 Metres	6.159 Metres	5,612.90 Metric Tonnes	7,886.40 Metric Tonnes
	Tropical:	0.989 Metres	6,421 Metres	6,006.80 Metric Tonnes	8,280.30 Metric Tonnes
	Lightship:	5.398 Metres	2.002 Metres	2,273 Metric Tonnes	2,273.00 Metric Tonnes
	Normal Ballast Condition:	3.235 Metres	4.175 Metres	2,842.70 Metric Tonnes	5,116.20 Metric Tonnes
	Segregated Ballast Condition:			-	
1.40	FWA/TPC at summer draft:			157 Millimetres	21.69 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:				No
1.42	Constant (excluding fresh water):			130mt	
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?			Min UKC at Ocean Passages Where the UKC exceeds 50% of the vessel's current maximum static draft, the vessel's UKC shall not fall shorter	

		than 5m after taking into account applicable dynamic factors	
1.44	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Summer deadweight:	26.31 Metres	0 Metres
	Normal ballast:	32 Metres	0 Metres
	Lightship:	30.598 Metres	0 Metres

2.	**CERTIFICATES**	**Issued**	**Last Annual**	**Last Intermediate**	**Expires**
2.1	Safety Equipment Certificate (SEC):	May 23, 2018	Aug 10,2019	-	Jun 02, 2020
2.2	Safety Radio Certificate (SRC):	May 31, 2017	Aug 10,2019	n/a	Jun 02, 2020
2.3	Safety Construction Certificate (SCC):	Nov 24, 2017	Aug 10,2019	n/a	Jun 02, 2020
2.4	International Loadline Certificate (ILC):	May 31, 2017	Aug 10,2019	n/a	Jun 02, 2020
2.5	International Oil Pollution Prevention Certificate (IOPPC):	June 05, 2017	Aug 10,2019	n/a	Jun 02, 2020
2.6	International Ship Security Certificate (ISSC):	Jan 29, 2018	Nov 22, 2017	n/a	Nov 21, 2022
2.7	Maritime Labour Certificate (MLC):	Jan 29, 2018	Nov 23, 2017	n/a	Nov 22, 2022
2.8	ISM Safety Management Certificate (SMC):	Jan 29, 2018	Nov 23, 2017	n/a	Nov 21, 2022
2.9	Document of Compliance (DOC):	Dec 19, 2017	Feb 05, 2019		Nov 8, 2022
2.10	USCG Certificate of Compliance (USCGCOC):	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 20, 2019	Not Applicable	N/A	Feb 20, 2020
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 20, 2019	Not Applicable	N/A	Feb 20, 2020

2.13	Liability for the Removal of Wrecks Certificate (WRC):	Feb 20, 2019	N/A	N/A	Feb 20, 2020
2.14	U.S. Certificate of Financial Responsibility (COFR):	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2.15	Certificate of Class (COC):	July 11, 2019	Aug 10,2019	n/a	Jun 02, 2020
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	May 31, 2017	May 31, 2017	n/a	Jun 02, 2020
2.17	Certificate of Fitness (COF):	May 31, 2017	Aug 10,2019	n/a	Jun 02, 2020
2.18	International Energy Efficiency Certificate (IEEC):	May 31, 2017	May 31, 2017	Not Applicable	Not Applicable
2.19	International Air Pollution Prevention Certificate (IAPPC):	Jul 21, 2017	Jul 21, 2017	n/a	Jun 02, 2020

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):	05 Jul 2019

3.	**CREW**		
3.1	Nationality of Master:		GEORGIAN
3.2	Number and nationality of Officers:	3/3	Georgians/Ukraine/Russian
3.3	Number and nationality of Crew:	5 /5	Georgians/ Ukraine/Russian
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: NOVA SHIPPING LTD CORRESPONDENCE Hi-Tech Centre, Costal Road Pointe Aux Sables, Mauritius Tel: +230 2343117 email: katapodisd@novaservices.gr	Ratings: NOVA SHIPPING LTD CORRESPONDENCE Hi-Tech Centre, Costal Road Pointe Aux Sables, Mauritius Tel: +230 2343117 email: katapodisd@novaservices.gr

4.	**FOR USA CALLS**	
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guardwhich 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
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	N/A

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 IMO Resolution A.741(18)
5.2	Can the ship comply with the ICS Helicopter Guidelines?	Yes
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:	N/A

6.	**COATING/ANODES**				
6.1	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	Yes	EPOXY COATING	Whole Tank	No
	Ballast tanks:	Yes	PHONIC EPOXI	Whole Tank	Yes
	Slop tanks:	Yes	EPOXY COATING	Whole Tank	N/A

7.	**BALLAST**				
7.1	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Centrifugal	400 Cu. Metres/Hour	25 Metres
	Ballast Eductors:	2	TEAMTEC GOLAR STRIPPING EJECTORS	130 Cu. Metres/Hour	11.50 Metres

8.	**CARGO**		
Double Hull Vessels			
8.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:	Yes, Perforated	
Cargo Tank Capacities			
8.2	Number of cargo tanks and total cubic capacity (98%):	10	6,285.867 Cu. Metres
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):	Seg#1: 331.818 m3 (1p), Seg#2: 333.494 m3 (1s) Seg#3: 694.565 m3 (2p), Seg#4: 694.565 m3 (2s) Seg#5: 733.461 m3 (3p), Seg#6: 733.461 m3 (3s) Seg#7: 733.354 m3 (4p), Seg#8: 733.354 m3 (4s) Seg#9: 570.125 m3 (5p), Seg#10: 566.362 m3 (5S) Seg#11: 161.318 m3 (SLOP C)	
8.3	Number of slop tanks and total cubic capacity (98%):	1	161.318 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	599.11	

8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:		N/A
SBT Vessels			
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	2,288 Cu. Metres	40.38 %
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:		11
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:	Yes 97.9	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:		300 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:		900 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 alarmsfitted 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, KONGSBERG/ CCR/ Fore & Aft	
8.10	Number of portable gauging units (example- MMC) on board:	3	
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):	1	168.30 Millimetres
8.13	Number/size/type of VECS reducers:		
Venting			
8.14	State what type of venting system is fitted:	Independent	
Cargo Manifolds and Reducers			
8.15	Total number/size of cargo manifold connections on each side: Total number /size of common line manifold connections on each side"	1 (11) / 250 Millimetres (150)	
8.16	What type of valves are fitted at manifold:	MANUAL BUTTERFLY VALVES	
8.17	What is the material/rating of the manifold:	STAINLESS 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:		200 Millimetres
8.19	Distance ships rail to manifold:		3,350 Millimetres
8.20	Distance manifold to ships side:		3,650 Millimetres
8.21	Top of rail to center of manifold:		1,350 Millimetres
8.22	Distance main deck to center of manifold:		3,300 Millimetres
8.23	Spill tank grating to center of manifold:		900 Millimetres

8.24	Manifold height above the waterline in normal ballast/at SDWT condition:			6.92 Metres	4.42 Metres
8.25	Number/size/type of reducers:			1 x 305/250 mm (12/10') 2 x 250/200mm (10/8") 2 x 200/150mm (8/6") 3 x 150/100mm (6/4") 1 x 200/100mm (8/4") 1 x 250/150mm (10/6") DIN ANSI	
8.26	Is vessel fitted with a stern manifold? If yes, state size:			Yes, 2,540 Millimetres	
Heating					
8.27	Cargo/slop tanks fitted with a cargo heating system?		Type	Coiled	Material
	Cargo Tanks:		Heating Coil	Yes	Stainless Steel
	Slop Tanks:		Heating Coil	Yes	Stainless Steel
8.28	Maximum temperature cargo can be loaded/maintained:			71.0 °C / 160.0 °F F	71.0 °C / 160.0 °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?			N/A / N/A	
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:			Nitrogen Generator	
Cargo Pumps					
8.31	How many cargo pumps can be run simultaneously at full capacity:			4	
8.32	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Cargo Pumps:	11	Marflex	300 M3/HR	60 Meters
	Cargo Eductors:	0	N/A	0 Cu. Metres/Hour	0 Metres
	Stripping:	0	N/A	0 Cu. Metres/Hour	0 Metres
8.33	Is at least one emergency portable cargo pump provided?			YES	

9.	**MOORING**					
9.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	0 Millimetres	0	0 Metres	0 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	0 Metres	0 Metric Tonnes
9.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	0 Millimetres	0	0 Metres	0 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	0 Metres	0 Metric Tonnes
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	56 Millimetres	pp	220 Metres	59 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:	4	56 Millimetres	pp	220 Metres	59 Metric Tonnes
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	3	48 Millimetres	pp	220 Metres	42 Metric Tonnes
	Main deck fwd:	0	0 Millimetres	pp	0 Metres	0 Metric Tonnes
	Main deck aft:	0	0 Millimetres	0	0 Metres	0 Metric Tonnes
	Poop deck:	2	48 Millimetres	0	220 Metres	42 Metric Tonnes
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double Drums	Hydraulic	27.2 Metric Tonnes	Brake Lining
	Main deck fwd:	0	Double Drums	N/A	0 Metric Tonnes	
	Main deck aft:	0	N/A	N/A	0 Metric Tonnes	
	Poop deck:		Double Drums	Hydraulic	27.2 Metric Tonnes	Brake Lining
9.6	Bitts, closed chocks/fairleads		No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		6 double	18 Kn	6/ 2 + 1	50 Kn/ 50 Kn + 120 Kn
	Main deck fwd:		2	18 Kn	2	50 Kn
	Main deck aft:		2	18 Kn	2	50 Kn
	Poop deck:		5 double	18 Kn	2 X 3/ 3	50 Kn/ 50 Kn
Anchors/Emergency Towing System						
9.7	Number of shackles on port/starboard cable:				8 / 9	
9.8	Type/SWL of Emergency Towing system forward:				Not Applicable	0 Metric Tonnes
9.9	Type/SWL of Emergency Towing system aft:				Not Applicable	0 Metric Tonnes
Escort Tug						
9.10	What is size/SWL of closed chock and/or fairleads of enclosed type on stern:				MC-C5	50 Kn
9.11	What is SWL of bollard on poop deck suitable for escort tug:					18 Kn
Lifting Equipment/Gangway						
9.12	Derrick/Crane description (Number, SWL and location):				Midship/ 1 Crane x 5Tn SWL	
9.13	Accommodation ladder direction:				Leading to forward	
	Does vessel have a portable gangway? If yes, state length:				yes, 5mtrs	
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)'?	N/A	
9.15	If fitted, how many chain stoppers:	0	
9.16	State type/SWL of chain stopper(s):	Not Applicable	0 Metric Tonnes
9.17	What is the maximum size chain diameter the bow stopper(s) can handle:		0 Millimetres
9.18	Distance between the bow fairlead and chain stopper/bracket:		0 Millimetres
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 0	

10.	**PROPULSION**			
10.1	Speed		Maximum	Economical
	Ballast speed:		13 knots	8 knots
	Laden speed:		12,5 knots	8 knots
10.2	What type of fuel is used for main propulsion/generating plant:		180 CST	MDO
10.3	Type/Capacity of bunker tanks:		Fuel Oil: 253 Cu. Metres Diesel Oil: 63.29 Cu. Metres Gas Oil: 0 Cu. Metres	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Controllable	
10.5	Engines	No	Capacity	Make/Type
	Main engine:	1	2400 KW	MAK 8M25
	Aux engine:	2	2+1	550 KW X 2
	Power packs:			
	Boilers:	2		2 MT
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 400 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		N/A, 0 bhp	
Emissions				
10.8	Main engine IMO NOx emission standard:			
10.9	Energy Efficiency Design Index (EEDI) rating number:			

11.	**SHIP TO SHIP TRANSFER**	
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquified Gas, as applicable)?	Yes
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:	4.60 Metres
11.3	Date/place of last STS operation:	11/9/2018 / Gibraltar

12.	**RECENT OPERATIONAL HISTORY**	
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	MOLASSES/MOLASSES/MOLASSES
12.2	Has vessel been involved in a pollution, grounding, serious casualty, unscheduled repair or collision	Pollution: No, NO Grounding: No, NO

	incident during the past 12 months? If yes, provide details:	Casualty: N/A, NO Collision: No, NO
12.3	Date and place of last Port State Control inspection:	25 January, 2020 / Casablanca
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	N/A
12.5	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: * *"Approvals" are awnot given by Oil Majors and ships are accepted for the voyage on a case by case basis.*	MAXCOM
12.6	Date/Place of last SIRE inspection:	10/9/2019
12.7	Additional information relating to features of the ship or operational characteristics:	Please Contact Managers for details