1.   Ost UNIFICATION   Ost 08, 2020		TANKO CHARTERING QUESTIONNAIRE 88 - OIL		version 5
Vessel's name (IMO number):				
1.3   Vessel's previous name(s) and date(s) of change:   Not Applicable				
1.4   Date delivered/Builder (where built):   Jul 14, 2008/CONSTANTA SHIPYARD				
1.5   Flag/Port of Registry:				
1.6   Call sign/MMSi:				
1.7 Vessel's contact details (satcom/fax/email etc.): Please contact operator  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: THEO SERVICES INC.  3.0, BROAD STREET, MONROVIA, LIBERIA Liberia  1.11 Technical operator - Full style: Oborulai Street 24,900162 Constanta Romania Romania Tel: +40 241 694894 Fax: +40 241				
1.8 Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):    1.9 Type of hult:   Double Hull	1.6			A8PW3/636013848
1.9 Type of hull:    Ownership and Operation	1.7			Please contact operator
Dwership and Operation	1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):		Oil Tanker
1.10 Registered owner - Full style:  1.11 Technical operator - Full style:  1.12 Commercial operator - Full style:  1.13 Disponent owner - Full style:  1.14 P & I Club - Full Style:  1.15 P & I Club - Full Style:  1.16 Hull & Machinery insured by - Full Style:  1.17 P & I Club pollution liability coverage/expiration date:  1.18 P & I Club pollution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.10 P & I Club problution liability coverage/expiration date:  1.11 Disyles and London Market  1.12 P & I Club problution liability coverage/expiration date:  1.13 Disyles and London Market  1.14 P & I Club problution liability coverage/expiration date:  1.15 P & I Club problution liability coverage/expiration date:  1.16 Hull & Machinery insured by - Full Style:  1.17 Specify broker or leading underwriter)  1.18 London Market  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.19 P & I Club problution liability coverage/expiration date:  1.11 P &	1.9	Type of hull:		Double Hull
88, BROAD STREET, MONROVIA, LIBERIA Liberia   HISTRIA SHIPMANAGEMENT SRI.   Oborului Street 24,900162 Constanta Romania Romania Tel: +40,241 694894   Fax: +40,241 694746   Email: office@histria.ro Web: www.histria.ro Company IMO#: 1705289   HISTRIA Shipmanagement SRI.   23,0000161 str., Constanta Romania Tel: 0000241694894   Fax: 0040241694746   Email: operations@histria.ro Web: www.histria.ro Web: www.histria.ro   Web: www.histria.ro   N/A	Owne	rship and Operation		
HISTRIA SHIPMANAGEMENT SRI. Oborului Street 24,900162 Constanta Romania Romania Tel: +40 241 694346 Fax: +40 241 694746 Fax: 0000241694894 Fax: 40000241694894 Fax: 4000241694894 Fax: 4000241694494 Fax: 4000241694894 Fax: 4000241694894 Fax: 4000241694494 Fax: 4000241694894 Fax: 4000241694494 Fax: 40000241694894 Fax: 4000241694894 Fax: 4000241694894 Fax: 4000241694494 Fax: 4000241694894 Fax: 4000241694894 Fax: 4000241694894 Fax: 4000241694894 Fax: 4000241694894 Fax: 400024169494 Fax: 4000241694 Fax: 40002416 Fax: 4000241694 Fax: 4000241694 Fax: 4000241694 Fax: 40002416 Fax: 4000241694 Fax: 400024169	1.10	Registered owner - Full style:	80, BROAD STREET,	
24 Oborului Str., Constanta Romania Tei: 0040241694894 Fas: 0040241694746 Email: operations@histria.ro; office@histria.ro Web: www.histria.ro  N/A  Insurance  1.14 P & I Club - Full Style:  GARD ASA Kittelsbuktveien 31, 4836 Arendal P.O. Box 789 Stoa, 4809 Arendal Norway  Main office, Arendal LOCAL TIME Wednesday (CEST) (UTC+2) OFFICE HOURS 08:15 - 15:30 (CEST) (UTC+2) OUTSIDE OFFICE HOURS 47 90 52 41 00 Tel: +47 37 01 91 00 Fax: +47 37 01 91 00 Fax: +47 37 01 91 00 Fax: +47 37 02 48 10 Email: orepanymail@gard.no  1.15 P & I Club pollution liability coverage/expiration date:  1.16 Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)  LIS P & I Club prokers PANDI MARINE INSURANCE Vermittlungs GmbH Head Office An der Reeperbahn 6 28217 Bremen  E-mail: brokers@pmil.de Tel: +49 421 174 59-0 Fax: +49 421 179 13	1.11	Technical operator - Full style:	HISTRIA SHIPMANA Oborului Street 24, Romania Tel: +40 241 69489 Fax: +40 241 69474 Email: office@histr Web: www.histria.	900162 Constanta Romania 4 16 ia.ro ; operations@histria.ro ro
Insurance  1.14 P & I Club - Full Style:  GARD ASA Kittelsbuktveien 31, 4836 Arendal P.O. 80x 789 Stoa, 4809 Arendal Norway  Main office, Arendal LOCAL TIME Wednesday (CEST) (UTC+2) OFFICE HOURS 08:15 - 15:30 (CEST) (UTC+2) OUTSIDE OFFICE HOURS +47 90 52 41 00 Tel: +47 37 01 91 00 Fax: +47 37 02 48 10 Email: companymail@gard.no  1.15 P & I Club pollution liability coverage/expiration date:  1.16 Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)  Lloyd's and London Market Through brokers PANDI MARINE INSURANCE Vermittlungs GmbH Head Office An der Reeperbahn 6 28217 Bremen  E-mail: brokers@pmi.de Tei: +49 421 174 59-0 Fax: +49 421 174 59-0 Fax: +49 421 159 13	1.12	Commercial operator - Full style:	24 Oborului Str., Co Romania Tel: 004024169489 Fax: 004024169474 Email: operations@	onstanta 94 96 Phistria.ro; office@histria.ro
1.14 P & I Club - Full Style:  GARD ASA Kittelsbuktveien 31, 4836 Arendal P.O. Box 789 Stoa, 4809 Arendal Norway  Main office, Arendal LOCAL TIME Wednesday (CEST) (UTC+2) OFFICE HOURS 08:15 - 15:30 (CEST) (UTC+2)  OUTSIDE OFFICE HOURS +47 90 52 41 00 Tel: +47 37 01 91 00 Fax: +47 37 02 48 10 Email: companymail@gard.no  1.15 P & I Club pollution liability coverage/expiration date:  1.000,000,000 US\$ Feb 20, 2021  Lloyd's and London Market Through brokers PANDI MARINE INSURANCE Vermittlungs GmbH Head Office An der Reeperbahn 6 28217 Bremen  E-mail: brokers@pmi.de Tel: +49 421 174 59-0 Fax: +49 421 175 9.0	1.13	Disponent owner - Full style:	N/A	
1.14 P & I Club - Full Style:  GARD ASA Kittelsbuktveien 31, 4836 Arendal P.O. Box 789 Stoa, 4809 Arendal Norway  Main office, Arendal LOCAL TIME Wednesday (CEST) (UTC+2) OFFICE HOURS 08:15 - 15:30 (CEST) (UTC+2)  OUTSIDE OFFICE HOURS +47 90 52 41 00 Tel: +47 37 01 91 00 Fax: +47 37 02 48 10 Email: companymail@gard.no  1.15 P & I Club pollution liability coverage/expiration date:  1.000,000,000 US\$ Feb 20, 2021  Lloyd's and London Market Through brokers PANDI MARINE INSURANCE Vermittlungs GmbH Head Office An der Reeperbahn 6 28217 Bremen  E-mail: brokers@pmi.de Tel: +49 421 174 59-0 Fax: +49 421 175 9.0				
Kittelsbuktveien 31, 4836 Arendal P.O. Box 789 Stoa, 4809 Arendal Norway  Main office, Arendal LOCAL TIME Wednesday (CEST) (UTC+2) OFFICE HOURS 08:15 - 15:30 (CEST) (UTC+2)  OUTSIDE OFFICE HOURS +47 90 52 41 00 Tel: +47 37 01 91 00 Fax: +47 37 02 48 10 Email: companymail@gard.no  1.15 P & I Club pollution liability coverage/expiration date: 1,000,000,000 US\$ Feb 20, 2021  1.16 (Specify broker or leading underwriter)  Lloyd's and London Market Through brokers PANDI MARINE INSURANCE Vermittlungs GmbH Head Office An der Reeperbahn 6 28217 Bremen  E-mail: brokers@pmi.de Tel: +49 421 174 59-0 Fax: +49 421 159 13			CARDACA	
1.16 Hull & Machinery insured by - Full Style:  (Specify broker or leading underwriter)  Lloyd's and London Market Through brokers PANDI MARINE INSURANCE Vermittlungs GmbH Head Office An der Reeperbahn 6 28217 Bremen  E-mail: brokers@pmi.de Tel: +49 421 174 59-0 Fax: +49 421 159 13	1.14	P & I Club - Pull Style.	Kittelsbuktveien 31 P.O. Box 789 Stoa, Norway  Main office, Arenda LOCAL TIME Wedne OFFICE HOURS 08:2  OUTSIDE OFFICE HOURS 10:1447 37 01 91 00 Fax: +47 37 02 48 1	4809 Arendal  al esday (CEST) (UTC+2) 15 - 15:30 (CEST) (UTC+2)  OURS +47 90 52 41 00 0 0
(Specify broker or leading underwriter)  Through brokers PANDI MARINE INSURANCE Vermittlungs GmbH Head Office An der Reeperbahn 6 28217 Bremen  E-mail: brokers@pmi.de Tel: +49 421 174 59-0 Fax: +49 421 159 13	1.15	P & I Club pollution liability coverage/expiration date:		1,000,000,000 US\$ Feb 20, 2021
1.17 Hull & Machinery insured value/expiration date: Jul 01, 2021	1.16		Through brokers PA GmbH Head Office An der Reeperbahn 28217 Bremen E-mail: brokers@pr Tel: +49 421 174 59	ANDI MARINE INSURANCE Vermittlungs  n 6  mi.de 9-0
	1.17	Hull & Machinery insured value/expiration date:		Jul 01, 2021

Classi	fication				
1.18	Classification society:			DNV GL	
1.19	Class notation:			100 A5 Chemical tan with double hull BW RSD MC AUT EP-D Inert	ker Type 3 Oil tanker M ERS ESP NAV-O
1.20	Is the vessel subject to any conditions of class, class exter class recommendations? If yes, give details:	nsions, outstanding m	emorandums or	No N/A	
1.21	If classification society changed, name of previous and da	ite of change:		N/A, Not Applicable	
1.22	Does the vessel have ice class? If yes, state what level:			N/A, N/A	
1.23	Date/place of last dry-dock:			Aug 31, 2018/Consta	anta /Romania
1.24	Date next dry dock due/next annual survey due:			Jul 13, 2023	Oct 13, 2020
1.25	Date of last special survey/next special survey due:			Aug 31, 2018	Jul 13, 2023
1.26	If ship has Condition Assessment Program (CAP), what is	the latest overall ratin	g:	No,	
Dimer	nsions				
1.27	Length overall (LOA):				179.96 Metres
1.28	Length between perpendiculars (LBP):				172.00 Metres
1.29	Extreme breadth (Beam):				32.20 Metres
1.30	Moulded depth:				16.50 Metres
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in colla	psed condition, if app	licable:	44.00 Metres	
1.32	Distance bridge front to center of manifold:				62.35 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (	(SCM):		89.94 Metres	90.02 Metres
1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		27.74 Metres	40.60 Metres	43.10 Metres
	Aft to mid-point manifold:		33.75 Metres	49.40 Metres	62.70 Metres
	Parallel body length:		61.49 Metres	90 Metres	105.80 Metres
Tonna	ges				
1.35	Net Tonnage:				11,369.00
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			25,864.00	20,293
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			26,357.40	25,314.09
1.38	Panama Canal Net Tonnage (PCNT):				21,516.00
Loadli	ne Information				
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	5.592 Metres	10.922 Metres	39,999 Metric Tonnes	49,610 Metric Tonnes
	Winter:	5.82 Metres	10.694 Metres	38,811 Metric Tonnes	47,276 Metric Tonnes
	Tropical:	5.364 Metres	11.15 Metres	41,064 Metric Tonnes	49,475 Metric Tonnes
	Lightship:	13.914 Metres	2.60 Metres	-	9,699.00 Metric Tonnes
	Normal Ballast Condition:	9.614 Metres	6.90 Metres	19,688.31 Metric Tonnes	29,387.31 Metric Tonnes
	Segregated Ballast Condition:	9.60 Metres	6.90 Metres	19,688.31 Metric Tonnes	29,387.31 Metric Tonnes
1.40	FWA/TPC at summer draft:			236 Millimetres	52.50 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide a Constant (excluding fresh water):	Il assigned loadlines:		Yes 40420 37731 29999 34999 39999	100 Metric Tonnes
1.42	Constant (excluding flesh water).				TOO METHIC TOTINES

1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?	Please contact operator	
1.44	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Summer deadweight:	33.078 Metres	0 Metres
	Normal ballast:	36.80 Metres	0 Metres
	Lightship:	41.40 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Aug 31, 2018	Oct 04, 2019		Jul 13, 2023
2.2	Safety Radio Certificate (SRC):	Aug 31, 2018	Oct 04, 2019		Jul 13, 2023
2.3	Safety Construction Certificate (SCC):	Aug 31, 2018	Oct 04, 2019		Jul 13, 2023
2.4	International Loadline Certificate (ILC):	Aug 31, 2018			Jul 13, 2023
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Aug 31, 2018	Oct 04, 2019		Jul 13, 2023
2.6	International Ship Security Certificate (ISSC):	Jun 21, 2018		Not Applicable	Jul 08, 2023
2.7	Maritime Labour Certificate (MLC):	Jun 21, 2018	N/A		Sep 07, 2023
2.8	ISM Safety Management Certificate (SMC):	Jun 21, 2018			Aug 07, 2023
2.9	Document of Compliance (DOC):	Dec 08, 2017	Nov 14, 2018		Oct 23, 2022
2.10	USCG Certificate of Compliance (USCGCOC):				
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Jan 01, 2020	N/A	N/A	Feb 20, 2021
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Jan 01, 2020	N/A	N/A	Feb 20, 2021
2.13	Liability for the Removal of Wrecks Certificate (WRC):	Jan 01, 2020	N/A	N/A	Feb 20, 2021
2.14	U.S. Certificate of Financial Responsibility (COFR):	Jul 24, 2017	N/A	N/A	Jul 24, 2020
2.15	Certificate of Class (COC):	Aug 31, 2018	Oct 04, 2019		Jul 13, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Aug 31, 2018	N/A	N/A	Jul 13, 2023
2.17	Certificate of Fitness (COF):	Aug 31, 2018	Oct 04, 2019		Jul 13, 2023
2.18	International Energy Efficiency Certificate (IEEC):	Aug 31, 2018	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Aug 31, 2018	Oct 04, 2019		Jul 13, 2023
Docum	nentation				
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:		Ye	S	
2.21	Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?		Ye	S	
2.22	Is the ITF Special Agreement on board (if applicable)?			Ye	S
2.23	ITF Blue Card expiry date (if applicable):			May 30	, 2021

3.	CREW				
3.1	Nationality of Master:			Romanian	
3.2	Number and nationality of Officers:		7	Romanian	
3.3	Number and nationality of Crew:		12	ROMANIAN	
3.4	What is the common working language onboard:		•	Romanian and English	
3.5	Do officers speak and understand English?			Yes	
3.6	If Officers/ratings employed by a manning agency - Full style:	Officers: Not Applic Not Applicable Tel: Not Applicable Fax: Not Applicable Telex: Not Applicab Email: Not Applicab	le	Ratings: Not Applicable Not Applicable Tel: Not Applicable Fax: Not Applicable Telex: Not Applicable Email: Not Applicable	

4.	FOR USA CALLS	,
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has	Yes
	been approved by official USCG letter?	

4.2	Qualified individual (QI) - Full style:	GALLAGHER MARINE 200CENTURY PARKWAY, SUITE 130, MOUNT LAUREL, NJ 08054 Tel: +18566422091 Fax: +18566423945 Email: info@chgms.com
4.3	Oil Spill Response Organization (OSRO) - Full style:	NATIONAL RESPONSE CORPORATION 3500 SUNRISE HWY STE.T 103 GREAT RIVER,NY 11739 IOCDO@NRCC.COM 3500 SUNRISE HIGHWAY SUITE T103 GREAT RIVER NY 11739 USA Tel: 800 899-4672 Fax: 631 224-9086 Email: iocdo@nrcc.com
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	RESOLVE MARINE GROUP 1510 SE 17th Street Suite 400 Fort Lauderdale ,FL.33316 Tel: +1 954 764 8700 Web: www.resolveopa.com

5.	SAFETY/HELICOPTER	
	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:	Winching
5.2.2	If Yes, what is the diameter of the circle provided:	5.20 Metres

6.	COATING/ANODES				
6.1	Tank Coating	Coated	Туре	To What Extent	Anodes
	Cargo tanks:	Yes	EPOXY / SIGMAGUARD EHB 720	Whole Tank	No
	Ballast tanks:	Yes	EPOXY, MULTIMASTIC 440	Whole Tank	No
	Slop tanks:	Yes	EPOXY	Whole Tank	No

7.	BALLAST				
7.1	Pumps	No.	Туре	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Framo Centrifugal	800 Cu. Metres/Hour	25 Metres
	Ballast Eductors:	1	N/A	85 Cu. Metres/Hour	3 Metres

8.	CARGO				
Doubl	e Hull Vessels				
8.1	3.1 Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:  Yes, Solid				
Cargo	Cargo Tank Capacities				
8.2	Number of cargo tanks and total cubic capacity (max% per company policy: 98%, 97%, 96% or 95%) excluding slops tanks:	10	46,820.60 Cu. Metres		
8.2.1	Capacity (max% per company policy: 98%, 97%, 96% or 95%) of each natural segregation with double valve (specify tanks):	Seg#1: 7106.6 m3 (1) Seg#2: 9866.1 m3 (2) Seg#3: 10110.8 m3 (3) Seg#4: 10109.8 m3 (4) Seg#5: 9627.3 m3 (5)	P / 2S) 3P / 3S) 4P / 4S)		

8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):	3	
8.3	Number of slop tanks and total cubic capacity (max% per company policy: 98%, 97%, 96% or 95%):	2	945.60 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	Independents: Slop P = 359.9 cbm Slop S = 585.7 cbm with double valve se	gregation
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:		190 Cu. Metres
SBT Ve	essels		
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	18,653.50 Cu. Metres	46.10 %
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:		5
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:	No	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:	2,500 Cu. Metres/Hour (If 12" VECS connection or lower as per Terminal restrictions)	2,500 Cu. Metres/Hour (With minimum 6 COT opened simultaneously or lower as per Terminal restrictions)
	Loaded simultaneously through all manifolds:	3,750 Cu. Metres/Hour (If 12" VECS connection or lower as per Terminal restrictions)	3,750.00 Cu. Metres/Hour
Cargo	Control Room	1	
8.7	Is ship fitted with a Cargo Control Room (CCR)?	Y	es
8.8	Can tank innage/ullage be read from the CCR?	Y	es
	ng and Sampling	1	
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	
	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?	Y	
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:	Yes, 4 - MB 2", 1 fore	, two middle, 1 aft
8.10	Number of portable gauging units (example- MMC) on board:		4
	Emission Control System (VECS)		
8.11	Is a vapour return system (VRS) fitted?  Number/size of VECS manifolds (per side):	Yes 2	254 Millimetres
8.12			254 Millimetres
8.13	Number/size/type of VECS reducers:	2 x 254 / 406.4 mm ( 4 x 254 / 304.8 mm ( 2 x 254 / 203.2 mm ( 2 x 254 / 152.4 mm (	10/12") 10/8")
Ventin			
	State what type of venting system is fitted:	Pres-Vac	
Cargo	Manifolds and Reducers		
8.15	Total number/size of cargo manifold connections on each side:	5/304.80 Millimetres	
8.16	What type of valves are fitted at manifold:	Butterfly / Manually	
8.17	What is the material/rating of the manifold:	stainless steel/ANSI	

۵	MOORING					
0.33	lis at least one emergency portable cargo bumb provided?	s at least one emergency portable cargo pump provided?			<b>5</b>	
8.33	Is at least one emergency portable cargo pump provided?	V	es			
	Stripping:	1	Framo Reciprocating	30 Cu. Metres/Hour	100 Metres	
	Cargo Eductors:		N/A			
					125 Meters 125 Meters 125 Meters 70 Meters	
	Cargo Pumps:	10 2	Framo Centrifugal Framo Centrifugal	500 M3/HR 200 M3/HR	125 Meters 125 Meters 125 Meters	
	Pumps	No.	Туре	Capacity	At What Head (sg=1.0)	
	How many cargo pumps can be run simultaneously at full of	capacity:			6	
-	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:  IG Generator  IG Generator					
	Is a Crude Oil Washing (COW) installation fitted/operation		Yes/Yes			
8.29	Is an Inert Gas System (IGS) fitted/operational?	al2		Yes/Yes		
	Gas and Crude Oil Washing				h.	
	1 Minimum temperature cargo can be loaded/maintained:			15 deg C above pour point		
	Maximum temperature cargo can be loaded/maintained:			70.0 °C / 158.0 °F	65 °C / 149 °F	
	Slop Tanks: Heating coils / steam			SS		
	Cargo Tanks:	Cargo Tanks: Deck Heat Exchangers		No		
8.27	Cargo/slop tanks fitted with a cargo heating system?		Туре	Coiled	Material	
Heatir	g					
8.26	Is vessel fitted with a stern manifold? If yes, state size:			Yes, 304.80 Millimetres		
				5 x 304.8/254mm (12/10") 5 x 304.8/203.2mm (12/8") 5 x 304.8/304.8mm (12/12") ANSI		
8.25	Number/size/type of reducers:			10 x 406.4/304.8mm (16/12")		
8.24	Manifold height above the waterline in normal ballast/at S	SDWT condition:		11.50 Metres	7.492 Metres	
8.23	Spill tank grating to center of manifold:			900.00 Millimetres		
8.22	Distance main deck to center of manifold:			800.00 Millimetres 1,900.00 Millimetres		
8.20	Distance manifold to ships side:  Top of rail to center of manifold:			4,600.00 Millimetres		
8.19	Distance ships rail to manifold:			4,600.00 Millimetres		
	Distance between cargo manifold centers:		2,000.00 Millimetres			
	Manifolds and Associated Equipment'?					
8.17.1	Does vessel comply with the latest edition of the OCIMF 'R	Yes				

9.	MOORING					
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:	8	64.00 Millimetres	POLYSTER	11.00 Metres	76 Metric Tonnes
	Main deck fwd:	2	64.00 Millimetres	POLYSTER	11.00 Metres	76 Metric Tonnes
	Main deck aft:	2	64.00 Millimetres	POLYSTER	11.00 Metres	76 Metric Tonnes

			1			ī	
	Poop deck:	6	64.00 Millimetres	POLYSTER	11.00 Metres		
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength	
	Forecastle:	4	26.00 Millimetres		220.00 Metres	54.60 Metric Tonnes	
	Main deck fwd:	2	26.00 Millimetres		220.00 Metres	55 Metric Tonnes	
	Main deck aft:	2	26.00 Millimetres	НМРЕ	220.00 Metres	55 Metric Tonnes	
	Poop deck:	4	26.00 Millimetres	НМРЕ	220.00 Metres	55 Metric Tonnes	
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength	
	Forecastle:	4	26.00 Millimetres	НМРЕ	220.00 Metres	55 Metric Tonnes	
	Main deck fwd:			Not Applicable			
	Main deck aft:			Not Applicable			
	Poop deck:	2	26.00 Millimetres	НМРЕ	220.00 Metres	55 Metric Tonnes	
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake	
	Forecastle:	2	Double Drums	Hydraulic		manual type screw compressed band brake	
	Main deck fwd:	1	Double Drums	Hydraulic		manual type screw compressed band brake	
	Main deck aft:	1	Double Drums	Hydraulic		manual type screw compressed band brake	
	Poop deck:	2	Double Drums	Hydraulic		manual type screw compressed band brake	
9.6	Bitts, closed chocks/fairleads		No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks	
	Forecastle:		8	64 Metric Tonnes	13	64 Metric Tonnes	
	Main deck fwd:		2	56 Metric Tonnes	4	56 Metric Tonnes	
	Main deck aft:		2	56 Metric Tonnes	4	56 Metric Tonnes	
	Poop deck:		10	56 Metric Tonnes	11	56 Metric Tonnes	
Ancho	rs/Emergency Towing System		•	•	•		
9.7	Number of shackles on port/starboard cable:				12	/12	
9.8	Type/SWL of Emergency Towing system forwar	d:			ROLLS-ROYCE	200 Metric Tonnes	
9.9	Type/SWL of Emergency Towing system aft:				COSALT 1000KN	100 Metric Tonnes	
9.10.1	1 What is size of closed chock and/or fairleads of enclosed type on stern 600						
Escort	Tug						
9.10.2	What is SWL of closed chock and/or fairleads of enclosed type on stern:				100.00 Metric Tonnes		
9.11	What is SWL of bollard on poop deck suitable for	or escort tu	ıg:		100.00 Metric Tonnes		
Lifting	Equipment/Gangway						
9.12	Derrick/Crane description (Number, SWL and location):				Cranes: 1 x 10.00 Tonnes Crane, Center 10 Tonnes SWL		
9.13	Accommodation ladder direction:					Aft	
	Does vessel have a portable gangway? If yes, state length:  Yes, 13.00 Metres						
Single	ingle Point Mooring (SPM) Equipment						
9.14	Does the vessel meet the recommendations in Equipment Employed in the Bow Mooring of Co (SPM)'?	Y	es				
9.15	f fitted, how many chain stoppers:				1		
9.16	State type/SWL of chain stopper(s):				TONGUE TYPE	200.00 Metric Tonnes	
9.17	Vhat 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:				3.30 Metres		
9.19	s bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:				Yes 600 X 450		
	<u> </u>						

10.	PROPULSION			
10.1	Speed		Maximum	Economical
	Ballast speed:	15 Knots (WSNP)	12.50 Knots (WSNP)	
	Laden speed:	14 Knots (WSNP)	12 Knots (WSNP)	
10.2	What type of fuel is used for main propulsion/generating plant:		VLSFO / MGO	VLSFO / MGO
10.3	Type/Capacity of bunker tanks:	Fuel Oil: 1,079.80 Cu. Metres Diesel Oil: 0 Cu. Metres Gas Oil: 424 Cu. Metres		
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):	None		
10.5	Engines	No	Capacity	Make/Type
	Main engine:	1	8,230 Kilowatt	6550 MCC
	Aux engine:	3	880 Kilowatt	20L/975W WARSILA
	Power packs:	4	3,000 Cu. Metres	2 x Cummings + 2 x Siemens
	Boilers:	2	16.00 Metric Tonnes/Hour	
Bow/	Stern Thruster	•	•	
10.6	What is brake horse power of bow thruster (if fitted):	Yes, 1,155.00 bhp		
10.7	What is brake horse power of stern thruster (if fitted):	No,		
Emiss	ions			
10.8	Main engine IMO NOx emission standard:	Tier I		
10.9	Energy Efficiency Design Index (EEDI) rating number:			

11.	SHIP TO SHIP TRANSFER				
	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:	4.75 Metres			
11.3	Date/place of last STS operation:	Please contact operator			

12.	RECENT OPERATIONAL HISTORY				
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	Please contact operator			
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, Casualty: No, Repair: No, Not Applicable Collision: No, N/A			
12.3	Date and place of last Port State Control inspection:	Nov 22, 2019 / Augusta			
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)*:  * "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.	AS PER RECAP			
12.6	Date/Place of last SIRE inspection:	Please contact operator			
12.7	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.

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