Version 5

	TANKO CHARTERING QUESTIONNAIRE 88 - OIL		Version 5		
1.	GENERAL INFORMATION		1		
1.1	Date updated:		Jun 17, 2021		
1.2	Vessel's name (IMO number):		Canopus Voyager (9897846)		
1.3	Vessel's previous name(s) and date(s) of change:		Not Applicable		
1.4	Date delivered/Builder (where built):		Jun 30, 2021/DAEHAN SHIPBUILDING CO, LTD		
1.5	Flag/Port of Registry:		Bahamas/Nassau		
1.6	Call sign/MMSI:		C6EO5/311 000 954		
1.7	Vessel's contact details (satcom/fax/email etc.):		Tel: Fax: Email: csc.canopusvoyager@chevronshipping.co m		
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		
Owno	rship and Operation				
1.10	Registered owner - Full style:	Essential Shipping 80 Broad Street Monrovia, Liberia Liberia Tel: +30 210-429-2 Fax: +30 210- 429- Email: Email@sune	1910 2523		
1.11	Technical operator - Full style:	Chevron Transport C/O Chevron Shipp 6001 Bollinger Can San Ramon, CA 94! United States United States Tel: +1-925-842-78 Email: cscofsr@che Company IMO#: 03	nyon Rd., Bldg. E 583-2324 863 evron.com		
1.12	Commercial operator - Full style:	Chevron Shipping ( 1500 Louisiana Stru Houston, TX. 7700. Telex: +1-310-971- Email: cscvmtsr@c	eet 2 United States 3601		
1.13	Disponent owner - Full style:		ORT CORPORATION LTD 11 CHURCH STREET HAMILTON, HM11		
Insura	nce				
1.14	P & I Club - Full Style:	Association Limited 90 Fenchurch Street London EC3M 4ST England Tel: +44 (20) 72834 Fax: +44 (20) 76219 Telex: N/A	et 4646 9761 g.ukclub@thomasmiller.com		
1.15	P & I Club pollution liability coverage/expiration date:		1,000,000,000 US\$ Feb 20, 2022		
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Marsh Risk & Insur Four Embarcadero San Francisco, Ca. California License I	Center, Suite 1100 94111		
1.17	Hull & Machinery insured value/expiration date:		52,500,000 US\$ Jun 01, 2022		
Classif	fication				
4 40					
1.18	Classification society:		American Bureau of Shipping		

1.25 Date of last special survey/next special survey due: 1.26 If ship has Condition Assessment Program (CAP), what is the latest overall rating:  No,  Dimensions  1.27 Length overall (LOA): 1.28 Length between perpendiculars (LBP): 1.29 Extreme breadth (Beam): 1.30 Moulded depth: 1.31 Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable: 1.32 Distance bridge front to center of manifold: 1.33 Bow to center manifold (BCM)/Stern to center manifold (SCM): 1.34 Parallel body distances 1.35 Forward to mid-point manifold: 2.36 Aft to mid-point manifold: 2.37 Suez Canal Tonnage: 1.38 Net Tonnages 1.39 Net Tonnage (PCNT): 1.39 Panama Canal Net Tonnage (PCNT): 1.39 Panama Canal Net Tonnage (PCNT): 1.39 Panama Canal Net Tonnage (PCNT): 1.30 Deadline 1.39 Panama Canal Net Tonnage (PCNT): 1.30 Deadline 1.39 Variety of the properties of the prop					ENVIRO, IHM, RES, C BWE. PMA, POT, NBI COW shall be include	LES, CS-ready
1.22 Does the vessel have ice class? If yes, state what level: 1.23 Date/place of last dry-dock: 1.24 Date next dry-dock due/next annual survey due: 1.25 Date of last special survey/next special survey due: 1.26 If ship has Condition: 1.27 Length overall (I.O.A): 1.28 Length overall (I.O.A): 1.29 Extreme hereadth (Beam): 1.20 Stateme hereadth (Beam): 1.21 Realth overall (I.O.A): 1.22 Length overall (I.O.A): 1.23 Noulded depth: 1.24 Date the masthead (IRTM)/ Keel to masthead (IRTM) in collapsed condition, if applicable: 1.28 Let masthead (IRTM)/ Keel to masthead (IRTM) in collapsed condition, if applicable: 1.29 Distreme horidge front to center of manifold: 1.20 Distance horidge front to center of manifold: 1.21 Realth overall (I.O.A): 1.22 Distance horidge front to center manifold (SCM): 1.23 Distance horidge front to center manifold (SCM): 1.24 Parallel body distances 1.25 Let to mid-point manifold: 1.26 Date of mid-point manifold: 1.27 Parallel body length: 1.28 Description of mid-point manifold: 1.29 Distance horidge front to center of manifold: 1.20 Distance horidge front to center of manifold: 1.21 Date of mid-point manifold: 1.22 Distance horidge front to center of manifold: 1.23 Distance horidge front to center of manifold: 1.24 Date of mid-point manifold: 1.25 Description of mid-point manifold: 1.26 Date of mid-point manifold: 1.27 Description of mid-point manifold: 1.28 Description of mid-point manifold: 1.29 Description of mid-point manifold: 1.20 Description of mid-point manifold: 1.20 Description of mid-point manifold: 1.21 Description of mid-point manifold: 1.22 Description of mid-point manifold: 1.23 Description of mid-point manifold: 1.24 Description of mid-point manifold: 1.25 Description of mid-point manifold: 1.26 Description of mid-point manifold: 1.27 Description of mid-point manifold: 1.28 Description of mid-point manifold: 1.29 Description of mid-point manifold: 1.20 Description of mid-point manifold: 1.20 Description of mid-point manifold: 1.21 Description of mid-point manifold: 1.22 Desc	1.20	I to the second	sions, outstanding m	emorandums or	No	
1.24 Date /place of last dry-dock:  1.24 Date next dry dock due/next annual survey due: 1.25 Date of last special survey/mext special survey due: 1.26 If ship has Condition Assessment Program (CAP), what is the latest overall rating: 1.27 In a large of last special survey/mext special survey due: 1.28 In a large of last special survey/mext special survey due: 1.29 In a large of last special survey/mext special survey due: 1.20 In a large of last special survey/mext special survey due: 1.21 In a large of last special survey/mext special survey due: 1.22 In a large of last special survey/mext special survey due: 1.23 In a large of last special survey/mext special survey due: 1.24 In a large of last special survey/mext special survey due: 1.25 In a large of last special survey/mext special survey/m	1.21	If classification society changed, name of previous and dat	e of change:		, Jun 30, 2021	
1.24   Date next dry dock due/next annual survey due:	1.22	Does the vessel have ice class? If yes, state what level:			No,	
1.25 Date of last special survey/next special survey due: 1.26 If ship has Condition Assessment Program (CAP), what is the latest overall rating: 1.27 length overall (LOA): 1.28 Length between perpendiculars (IBP): 1.29 Extreme breadth (Beam): 1.30 Moulded depth: 1.31 Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable: 1.32 Parallel body distances of the center of manifold: 1.33 Bow to center manifold (BCM)/Stern to center manifold (SCM): 1.34 Parallel body distances 1.35 Metros 1.36 Torward to mid-point manifold: 1.37 Since In mid-point manifold: 1.38 Net Tornage: 1.39 Net Tornage: 1.35 Net Tornage: 1.36 Gross Tonnage/Reduced Gross Tonnage (if applicable): 1.37 Suez Canal Tonnage - Gross (SCGT)/Net (SCNT): 1.38 Panama Canal Net Tornage (PCNT): 1.39 Idadline Information 1.30 Loadline 1.31 Loadline 1.32 Loadline 1.33 Loadline 1.34 Deadweight 1.35 Suez Canal Tonnage - Gross (SCGT)/Net (SCNT): 1.36 Suez Canal Tonnage - Gross (SCGT)/Net (SCNT): 1.37 Suez Canal Tonnage - Gross (SCGT)/Net (SCNT): 1.38 Panama Canal Net Tornage (PCNT): 1.39 Idadline 1.39 Loadline 1.30 Loadline 1.39 Loadline 1.30 Loadline 1.39 Loadline 1.30 Loadline 1.30 Loadline 1.30 Loadline 1.30 Loadline 1.31 Loadline 1.31 Loadline 1.	1.23	Date/place of last dry-dock:			/	
1.26   If ship has Condition Assessment Program (CAP), what is the latest overall rating: No,	1.24	Date next dry dock due/next annual survey due:			Jun 30, 2026 Jun 30, 2022	
1.26		, , , , , , , , , , , , , , , , , , ,				Jun 30, 2026
Dimensions	1.26		he latest overall ratin	g:	No,	,
1.28   Length between perpendiculars (LBP):	Dimer	1 0 1 1		<u> </u>	,	
1.29   Streme breadth (Beam):	1.27	Length overall (LOA):				249.90 Metres
1.31   Moulded depth:   49.511 Metres   1.32   20   20   20   20   20   20   20	1.28	Length between perpendiculars (LBP):				242.00 Metres
1.31   Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:   49.511 Metres	1.29					44.00 Metres
1.32 Distance bridge front to center of manifold: 1.33 Bow to center manifold (BCM)/Stern to center manifold (SCM): 1.34 Parallel body distances 5 Forward to mid-point manifold: Aft t	1.30	Moulded depth:				21.20 Metres
1.32 Distance bridge front to center of manifold: 1.33 Bow to center manifold (BCM)/Stern to center manifold (SCM): 1.34 Parallel body distances	1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collar	osed condition, if app	licable:	49.511 Metres	
1.34   Parallel body distances   Lightship   Normal Ballast   Forward to mid-point manifold:   39.83 Metres   65.14 Metres   72.14 Metres	1.32	Distance bridge front to center of manifold:				80.67 Metres
Forward to mid-point manifold:   39.83 Metres   65.14 Metres   Aft to mid-point manifold:   32.31 Metres   47.29 Metres   Aft to mid-point manifold:   32.31 Metres   47.29 Metres   Aft to mid-point manifold:   32.31 Metres   Aft to mid-point manifol:	1.33	Bow to center manifold (BCM)/Stern to center manifold (S	6CM):		124.83 Metres	125.07 Metres
Aft to mid-point manifold: Parallel body length:  Tonnage:    1.34 Metro	1.34	Parallel body distances	,	Lightship	Normal Ballast	Summer Dwt
Parallel body length:   72.14 Metres   112.43 Metres   113.63 Metronage:		Forward to mid-point manifold:		39.83 Metres	65.14 Metres	65.13 Metres
Parallel body length:   72.14 Metres   112.43 Metres   113.63 Metronage:		· ·		32.31 Metres	47.29 Metres	63.43 Metres
Net Tonnage:   1.35						128.56 Metres
1.35   Net Tonnage:	Tonna	, 3				
1.36 Gross Tonnage/Reduced Gross Tonnage (if applicable): 62,441  1.37 Suez Canal Tonnage - Gross (SCGT)/Net (SCNT): 63,867.86  1.38 Panama Canal Net Tonnage (PCNT): 7.611 Metres 13.63 Metres 99,999 Metric Tonnage (PCNT): 7.611 Metres 13.63 Metres 13.64 Metres 13.65 Metres 13		<u> </u>				36,150
1.37 Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):  1.38 Panama Canal Net Tonnage (PCNT):  1.39 Loadline Information  1.39 Loadline Summer:  Winter: Tropical: Lightship: Normal Ballast Condition:  Segregated Ballast Condition:  1.40 FWA/TPC at summer draft:  1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  1.40 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  **Ocean passages - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 2 "Outside ports - 1.5% of or vessel but not less than 5 or vessel but not less than 6	1.36				62,441	,
1.38   Panama Canal Net Tonnage (PCNT):	1.37				,	58,280.56
Loadline Information  1.39   Loadline   Freeboard   Draft   Deadweight	1.38				,	51,302
Summer: 7.611 Metres 13.63 Metres 99,999 Metric Tonnes Winter: 7.611 Metres 2.564 Metres 7.612 Lightship: 18.677 Metres 2.564 Metres 7.000 Metric Tonnes 7.000 Metric	Loadli	<u> </u>				·
Winter:   Tropical:   Lightship:   18.677 Metres   2.564 Metres   -	1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
Winter: Tropical: Lightship: Normal Ballast Condition: Segregated Ballast Condition: 14.259 Metres Segregated Ballast Condition: 14.195 Metres Tonnes 1.40 FWA/TPC at summer draft: 1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  1.42 Constant (excluding fresh water): 1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  **Ocean passages - 15% of no vessel but not less than 2 **Outside ports - 1.0% of of ressel but not less than 2 **While moored - 1.5% of of vessel but not less than 2 **Whi		Summer:	7.611 Metres	13.63 Metres	99,999 Metric	119,423 Metric
Tropical: Lightship: Lightship:  Normal Ballast Condition:  14.259 Metres  Segregated Ballast Condition:  14.195 Metres  1.40 FWA/TPC at summer draft:  1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  1.42 Constant (excluding fresh water):  1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  1.44 Nat is the company guidelines for Under Keel Clearance (UKC) for this vessel?  1.45 Outside ports - 1.5% of of vessel but not less than 2 *Outside ports - 1.0% of vessel but not less than 2 *While moored - 1.5% of of vess					Tonnes	Tonnes
Lightship:    18.677 Metres   2.564 Metres   -		Winter:				
Normal Ballast Condition:  14.259 Metres  6.982 Metres  36,863.80 Metric Tonnes  37,455.60 Metric Tonnes  1.40 FWA/TPC at summer draft:  1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  1.42 Constant (excluding fresh water):  1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  **Ocean passages - 15% of (no UKC calculation is red greater than twice summer shirling ports - 1.5% of of vessel but not less than 2 while moored - 1.5% of of vessel but not less than 2 while wh		Tropical:				
Segregated Ballast Condition:  14.195 Metres  Tonnes  1.40 FWA/TPC at summer draft:  1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  1.42 Constant (excluding fresh water):  1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  **Ocean passages - 15% of (no UKC calculation is regreater than twice summer hisside ports - 1.5% of of draft but not less than 2 **While moored - 1.5% of of vessel but not less than 2 **While moored - 1.5% of o		Lightship:	18.677 Metres	2.564 Metres	-	19,490 Metric Tonnes
1.40 FWA/TPC at summer draft:  1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  1.42 Constant (excluding fresh water):  1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  **Ocean passages - 15% of (no UKC calculation is regreater than twice summer *Inside ports - 1.5% of movessel but not less than 2 *While moored - 1.5% of of vessel but not less than 3 *While moored - 1.5% of of vessel but not less than 3 *While moored - 1.5% of of vessel but not less than 3 *		Normal Ballast Condition:	14.259 Metres	6.982 Metres	The state of the s	56,353.80 Metric Tonnes
1.40 FWA/TPC at summer draft:  1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  1.5,549 99,990 88,990  1.42 Constant (excluding fresh water):  1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  1.44 **Ocean passages - 15% c (no UKC calculation is recipred at the summer selection of the standard at the standard		Segregated Ballast Condition:	14.195 Metres	7.046 Metres	· ·	56,945.60 Metric
1.41 Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:  Yes 115,549 99,990 89,990 84,990  1.42 Constant (excluding fresh water):  1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  *Ocean passages - 15% of (no UKC calculation is regreater than twice summe this indeports - 1.5% of movessel but not less than 2 *Outside ports - 10% of of vessel but not less than 2 *While moored - 1.5% of of vessel but not less than 2 *While moored - 1.5% of of vessel but not less than 2 *While moored - 1.5% of of vessel but not less than 2 *While moored - 1.5% of of vessel but not less than 5						Tonnes
115,549 99,990 83,990 84,990  1.42 Constant (excluding fresh water):  1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  *Ocean passages - 15% of (no UKC calculation is red greater than twice summ *Inside ports - 1.5% of m vessel but not less than 2 *Outside ports - 10% of of draft but not less than 2 *While moored - 1.5% of of vessel but not less than 6 for the lowest tide expect						98.60 Metric Tonnes
1.43 What is the company guidelines for Under Keel Clearance (UKC) for this vessel?  *Ocean passages - 15% of (no UKC calculation is recigreater than twice summ *Inside ports - 1.5% of movessel but not less than 2 *Outside ports - 10% of vessel but not less than 2 *While moored - 1.5% of of vessel but not less than for the lowest tide expect	1.41	Does vessel have multiple SDW1? If yes, please provide all	assigned loadlines:		115,549 99,990 89,990	
(no UKC calculation is red greater than twice summ *Inside ports - 1.5% of m vessel but not less than 2 *Outside ports - 10% of v draft but not less than 2 *While moored - 1.5% of of vessel but not less than for the lowest tide expect	1.42	Constant (excluding fresh water):				
greater than twice summ *Inside ports - 1.5% of m vessel but not less than 2 *Outside ports - 10% of v draft but not less than 2 *While moored - 1.5% of of vessel but not less tha for the lowest tide expect	1.43	What is the company guidelines for Under Keel Clearance	(UKC) for this vessel?	)	*Ocean passages - 1	5% of summer draft
					greater than twice si *Inside ports - 1.5% vessel but not less th *Outside ports - 10% draft but not less tha *While moored - 1.5 of vessel but not less for the lowest tide e stay	ummer draft) of molded breadth of nan 2 feet / 0.6M of vessels summer an 2 feet / 0.6M of molded breadth of than 2 feet / 0.6 M sthan 2 feet / 0.6 M expected during port
*Malacca Strait including 3.5 M UKC applied to sta  1.44 What is the max height of mast above waterline (air draft)  Full Mast  C	1.44	What is the max height of mast above waterline (air draft)	1		3.5 M UKC applied to	

Summer deadweight:	34.288 Metres	0 Metres
Normal ballast:	42.529 Metres	0 Metres
Lightship:	46.947 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires	
2.1	Safety Equipment Certificate (SEC):	Jun 30, 2021				
2.2	Safety Radio Certificate (SRC):	Jun 30, 2021				
2.3	Safety Construction Certificate (SCC):	Jun 30, 2021				
2.4	International Loadline Certificate (ILC):	Jun 30, 2021				
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jun 30, 2021				
2.6	International Ship Security Certificate (ISSC):	Jun 30, 2021				
2.7	Maritime Labour Certificate (MLC):	Jun 30, 2021	N/A			
2.8	ISM Safety Management Certificate (SMC):	Jun 30, 2021				
2.9	Document of Compliance (DOC):	Sep 27, 2017	Sep 10, 2020		Oct 29, 2022	
2.10	USCG Certificate of Compliance (USCGCOC):					
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Jun 30, 2021	N/A	N/A	Feb 20, 2022	
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Jun 30, 2021	N/A	N/A	Feb 20, 2022	
2.13	Liability for the Removal of Wrecks Certificate (WRC):	May 26, 2021	N/A	N/A	Feb 20, 2022	
2.14	U.S. Certificate of Financial Responsibility (COFR):		N/A	N/A		
2.15	Certificate of Class (COC):	Jun 30, 2021				
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Jun 30, 2021	N/A	N/A		
2.17	Certificate of Fitness (COF):	Jun 30, 2021				
2.18	International Energy Efficiency Certificate (IEEC):	Jun 30, 2021	N/A	N/A	N/A	
2.19	International Air Pollution Prevention Certificate (IAPPC):					
Docur	nentation					
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:			Ye	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?		Ye	es .		
2.22	Is the ITF Special Agreement on board (if applicable)?			Ye	2S	
2.23	ITF Blue Card expiry date (if applicable):			Dec 31	, 2022	

3.	CREW			
3.1	Nationality of Master:			Croatian
3.2	Number and nationality of Officers:		12	Indian / Irish
3.3	Number and nationality of Crew:		15	Indian
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: Northern N Services Ltd Alba House, 2 Centr Clydebank, Scotland, G81 2QR, Tel: +44-141-876-30 Fax: N/A Telex: N/A Email: cscManning. Web: N/A	ral Avenue, United Kingdom	Ratings: Northern Marine Management (India) Pvt. Ltd. 301 / 302, Delphi, "B" Wing, Hiranandani Business Park, Powai Mumbai - 400 076 Tel: + 91 (0) 22 6751 520 Fax: + 91 (0) 22 6751 523 Telex: + 91 (0) 22 6751 530 Email: CSCManning.PH@Stena.com Web: N/A

4.	FOR USA CALLS	
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coasbeen approved by official USCG letter?	t Guard which has Yes
4.2		Chevron Emergency Information Center Tel: +1 510 231 0623
4.3		Marine Spill Response Corporation Herndon, VA Tel: (24 hrs) +1 732 417

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4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	T&T Salvage
		8717 Humble Westfield Rd, Humble TX
		Tel: (24 hrs) +1 713 534

5.	SAFETY/HELICOPTER	
5.1		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:	Landing
5.2.2	If Yes, what is the diameter of the circle provided:	13 Metres

6.	COATING/ANODES				
6.1	Tank Coating	Coated	Туре	To What Extent	Anodes
	Cargo tanks:	Yes	PURE ANTICORROSIVE EPOXY	From bottom 0.3 meter up and from top to the uppermost PMA	No
	Ballast tanks:	Yes	PURE ANTICORROSIVE EPOXY	Whole Tank	Yes
	Slop tanks:	Yes	PURE ANTICORROSIVE EPOXY	Whole Tank	Yes

7.	BALLAST				
7.1	Pumps	No.	Туре	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Centrifugal	1,500 Cu. Metres/Hour	35 Metres
	Ballast Eductors:		Water driven venturi	400 Cu. Metres/Hour	

8.	CARGO		
Doub	e 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 (max% per company policy: 98%, 97%, 96% or 95%) excluding slops tanks:	12	0 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 - 1P/S, 4P/S SLOP P/S – 42467.9 m - 98% SEG.2 - 2P/S, 5P/S – 43175.2 m3 - 98% SEG.3 - 3P/S, 6P/S – 41943.2 m3 - 98%	
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 (max% per company policy: 98%, 97%, 96% or 95%):	2	3,075 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	Seg.1 -1 P/S, 4 P/S, S	op P/S - 42467.9 m3
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:		
SBT V	essels		
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	41,107.30 Cu. Metres	35.60 %
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.:	No	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:	3,600 Cu. Metres/Hour	3,600 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:	10,800 Cu. Metres/Hour	10,800 Cu. Metres/Hour

Cargo	Control Room					
<u> </u>	Is ship fitted with a Cargo Control Room (CCR)?			Υ	es	
	Can tank innage/ullage be read from the CCR?			Υ	es	
	ng and Sampling					
8.9	Is gauging system certified and calibrated? If no, specify w	hich ones are not ca	librated:	Yes,		
	What type of fixed closed tank gauging system is fitted:			Radar		
	Are high level alarms fitted to the cargo tanks? If Yes, indi	cate whether to all t	anks or partial:	Yes, All		
8.9.1	Can cargo be transferred under closed loading conditions i	n accordance with I	SGOTT 11.1.6.6?	Υ	es	
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, spec	cify type and locatio	ns:	Yes,		
8.10	Number of portable gauging units (example- MMC) on boa	ard:			2	
Vapor	Emission Control System (VECS)					
8.11	Is a vapour return system (VRS) fitted?			Yes		
8.12	Number/size of VECS manifolds (per side):			2	450 Millimetres	
8.13	Number/size/type of VECS reducers:			4x (450A x 16" (400 <i>A</i> 2x (450A x 12" (300 <i>A</i> 1x (450A x 10" (250 <i>A</i>	A)) - ANSI 150 LBS	
Ventin	g					
	State what type of venting system is fitted:			Common Line		
$\vdash$	Manifolds and Reducers					
	Total number/size of cargo manifold connections on each	side:		3/500 Millimetres		
8.16	What type of valves are fitted at manifold:			Butterfly		
8.17	What is the material/rating of the manifold:			Cast Iron/		
	Does vessel comply with the latest edition of the OCIMF 'R Manifolds and Associated Equipment'?	oes vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker  Yes  Ves			es	
8.18	Distance between cargo manifold centers:			2,500.00 Millimetres		
8.19	Distance ships rail to manifold:			4,440.00 Millimetres		
8.20	Distance manifold to ships side:			4,600.00 Millimetres		
8.21	Top of rail to center of manifold:			700.00 Millimetres		
8.22	Distance main deck to center of manifold:			2,100.00 Millimetres		
8.23	Spill tank grating to center of manifold:			900.00 Millimetres		
8.24	Manifold height above the waterline in normal ballast/at S	DWT condition:		16.36 Metres 8.08 Metres		
8.25	Number/size/type of reducers:			6 x 500/400mm (20/16") 3 x 500/300mm (20/12") 3 x 500/250mm (20/10") 3 x 500/200mm (20/8") ANSI		
8.26	Is vessel fitted with a stern manifold? If yes, state size:			No,		
Heatin	g					
8.27	Cargo/slop tanks fitted with a cargo heating system?		Туре	Coiled	Material	
	Cargo Tanks:		Steam Coils system	Yes	Other	
	Slop Tanks:		Steam Coils system	Yes	STPG370 SMLS SCH80 ALUMINI ZING	
8.28	Maximum temperature cargo can be loaded/maintained:			70.0 °C / 158.0 °F	70 °C / 158 °F	
8.28.1	Minimum temperature cargo can be loaded/maintained:					
Inert G	as and Crude Oil Washing					
8.29	Is an Inert Gas System (IGS) fitted/operational?			Yes/Yes		
8.29.1	I 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.	Туре	Capacity	At What Head (sg=1.0)	
	Cargo Pumps:	3	Centrifugal	3000 M3/HR	130 Meters	
	Cargo Eductors:	1	Driven by Fluid	530 Cu. Metres/Hour		
	Stripping:	1	Reciprocating	200 Cu. Metres/Hour	130 Metres	

	Is at least one emergency portable cargo pump					
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 Strengtl
	Forecastle:	4	72 Millimetres	НМРЕ	11 Metres	95 Metric Tonn
	Main deck fwd:	4	72 Millimetres	НМРЕ	11 Metres	95 Metric Tonn
	Main deck aft:	4	72 Millimetres	НМРЕ	11 Metres	95 Metric Tonn
	Poop deck:	6	72 Millimetres	НМРЕ	11 Metres	95 Metric Tonn
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strengtl
	Forecastle:	4	31.50 Millimetres	НМРЕ	200 Metres	76 Metric Tonn
	Main deck fwd:	4	31.50 Millimetres	НМРЕ	200 Metres	76 Metric Tonn
	Main deck aft:	4	31.50 Millimetres	НМРЕ	200 Metres	76 Metric Tonn
	Poop deck:	6	31.50 Millimetres	НМРЕ	200 Metres	76 Metric Tonn
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strengt
	Forecastle:	2	48 Millimetres	Dyneema® SK-78 & tipto jacket	220 Metres	104.10 Met Tonr
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	2	48 Millimetres	Dyneema® SK-78 & tipto jacket	220 Metres	104.10 Met Toni
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	4	Double Drums	Hydraulic		
	Main deck fwd:	2	Double Drums	Hydraulic		
	Main deck aft:	2	Double Drums	Hydraulic		
	Poop deck:	3	Double Drums	Hydraulic		
9.6	Bitts, closed chocks/fairleads		No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Choc
	Forecastle:		6	75 Metric Tonnes	8	75 Metric Tonr
	Main deck fwd:		9	75 Metric Tonnes	17	75 Metric Tonr
	Main deck aft:		9	75 Metric Tonnes	17	75 Metric Tonr
	Poop deck:	6	75 Metric Tonnes	14	75 Metric Tonr	
Anch	ors/Emergency Towing System					
9.7	Number of shackles on port/starboard cable:				13	/13
9.8	Type/SWL of Emergency Towing system forwar	d:			ETS + SPM, chafing chain: 76 mm	204 Metric Tonr
9.9	Type/SWL of Emergency Towing system aft:				ETS + escorting tug & pull back	204 Metric Tonr
9.10.3	What is size of closed chock and/or fairleads of	enclosed	type on stern			600 mm x 450 m
Escor	t Tug					
9.10.2	What is SWL of closed chock and/or fairleads o	f enclosed	type on stern:			204 Metric Tonr
9.11	What is SWL of bollard on poop deck suitable for escort tug:					204 Metric Tonr
Liftin	g Equipment/Gangway					
9.12	Derrick/Crane description (Number, SWL and location):			Cranes: 2 x 15 Tonne Type: Vertical stowe cranes		
9.13	Accommodation ladder direction:					
	Does vessel have a portable gangway? If yes, state length:					N
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)'?			Y	es	
9.15	If fitted, how many chain stoppers:				2	
٠.١٥	i ritteu, now many chain stoppers:			_	T	

Tongue

250 Metric Tonnes

9.16 State type/SWL of chain stopper(s):

9.17	What is the maximum size chain diameter the bow stopper(s) can handle:	76 Millimetres
9.18	Distance between the bow fairlead and chain stopper/bracket:	3 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:	

10.	PROPULSION				
10.1	Speed	Maximum	Economical		
	Ballast speed:	15 Knots (WSNP)			
	Laden speed:	14.50 Knots (WSNP)			
10.2	What type of fuel is used for main propulsion/generating plant:		ULSFO, LSMGO	ULSFO, LSMGO	
10.3	Type/Capacity of bunker tanks:		Fuel Oil: 2,045.70 Cu. Metres Diesel Oil: 0 Cu. Metres Gas Oil: 617.70 Cu. Metres		
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):	vessel fitted with fixed or controllable pitch propeller(s):		Fixed	
10.5	Engines	No	Capacity	Make/Type	
	Main engine:	1	13,520 Kilowatt	HYUNDAI-MAN B&W 6G60ME-C9.5- EGRBP	
	Aux engine:	3	1,200 Kilowatt	HYUNDAI, HIMSEN, TYPE: 4- STROKE, TRUNK PISTON	
	Power packs:				
	Boilers:	2	50 Metric Tonnes/Hour	KANGRIM/VERTICA L, WATER TUBE / SMOKE TUBE	
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,		
Emiss	ions				
10.8	Main engine IMO NOx emission standard:	Tier III			
10.9	Energy Efficiency Design Index (EEDI) rating number:	Approx. 3.33			

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:	7 Metres	
11.3	Date/place of last STS operation:	None	

12.	RECENT OPERATIONAL HISTORY			
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	N/A		
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, Grounding: No, Casualty: No, Repair: No, Collision: No,		
12.3	Date and place of last Port State Control inspection:	N/A		
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 not given by Oil Majors and ships are accepted for the voyage on a case by case basis.	N/A		
12.6	Date/Place of last SIRE inspection:	/ Mokpo, Korea		
12.7	Additional information relating to features of the ship or operational characteristics:	No		

Form completed on http://www.q8	38.com/integration.aspx Please em	nail support@q88.com an update	ed copy if this is not the latest vers	ion.