	GENERAL INFORMATION	version 5
1.		D.: 46, 2022
1.1	Date updated:	Dec 16, 2022
1.2	Vessel's name (IMO number):	Ottoman Courtesy (9788708)
1.3	Vessel's previous name(s) and date(s) of change:	Not Applicable
1.4	Date delivered/Builder (where built):	Aug 16, 2017/HHI Ulsan S.Korea
1.5	Flag/Port of Registry:	Turkey/Istanbul
1.6	Call sign/MMSI:	TCA4455/271044691
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: +870 773 060663 / +90 312 9001903 Fax: Email: courtesy@gungen.com
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	
1.9	Type of hull:	Double Hull
Owne	rship and Operation	
		CHAICEN DENIZORIEVAE TICADET A C
1.10	Registered owner - Full style:	GUNGEN DENIZCILIK VE TICARET A.S. HALICI SOKAK NO:9 GOP 06700 ANKARA/TURKEY Turkey Tel: +90(312)455 35 35 Fax: +90(312)455 35 25 Email: vetting@gungen.com Web: www.gungen.com
1.11	Technical operator - Full style:	GUNGEN DENIZCILIK VE TICARET A.S. HALICI SOKAK NO: 9 G.O.P. 06700 ANKARA - TURKEY Turkey Tel: +90(216) 556 56 56 Fax: +90 216 556 56 66 Telex: 44111 or 44666 Email: vetting@gungen.com Web: www.gungen.com Company IMO#: 1366389
1.12	Commercial operator - Full style:	GUNGEN DENIZCILIK VE TICARET A.S. Halici Sokak. No:9 Gaziosmanpasa-06700 Ankara-TÜRKIYE Turkey Tel: +90(216) 556 56 56 Fax: +90 216 556 56 66 Email: tankerops@gungen.com Web: www.gungen.com
1.13	Disponent owner - Full style:	GUNGEN DENIZCILIK VE TICARET A.S. HALICI SOKAK NO.9 GOP ANKARA/TURKEY Tel: +90(312) 455 35 35 Fax: +90 (312) 455 35 25 Telex: 44111 or 44666 Email: vetting@gungen.com Tel: +90(216) 556 56 56 Fax: +90 216 556 56 66 Telex: Telex: 44111 or 44666 Email: tankerops@gungen.com Web: www.gungen.com
Insura	nce	
1.14	P & I Club - Full Style:	UK P&I CLUB 90 Fenchurch Street br/>London EC3M 4ST Tel: 0044 020 7283 4646 Email: underwriting.ukclub@thomasmiller.com
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US\$ Feb 20, 2023
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Lockton Companies LLP The St Botolph Building 138 Houndsditch London EC3A 7AG T: +44 (0)20 7933 2468 M: +44 (0)7585881327 E: jack.farley@lockton.com Tel: +44 (0)20 7933 2468

1.17	Hull & Machinery insured value/expiration date:			90,000,000 US\$	May 19, 2024
Classif	ication				
1.18	Classification society:			Det Norske Veritas	
1.19	Class notation:			1A1 Tanker for oil BIS f)) CCO Clean COAT-P: ECA(SOx-A) ESP OPP-I TMON VCS(2, B)	SPC(B; C) CSR E0
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 da	te of change:		N/A, Not Applicable	
1.22	Does the vessel have ice class? If yes, state what level:			No, N/A	
1.23	Date/place of last dry-dock:			Aug 16, 2017/	
1.24	Date next dry dock due/next annual survey due:			Aug 16, 2022	Aug 16, 2022
1.25	Date of last special survey/next special survey due:			Aug 16, 2017	Aug 16, 2022
1.26	If ship has Condition Assessment Program (CAP), what is	the latest overall ratin	g:	No,	
Dimen	nsions				
1.27	Length overall (LOA):				269.06 Metres
1.28	Length between perpendiculars (LBP):				258 Metres
1.29	Extreme breadth (Beam):				46.00 Metres
1.30	Moulded depth:				25.10 Metres
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in colla	psed condition, if app	licable:	57.175 Metres	49.60 Metres
1.32	Distance bridge front to center of manifold:				91.13 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):		132.89 Metres	136.19 Metres
1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		59.21 Metres	59.56 Metres	68.10 Metres
	Aft to mid-point manifold: 45.76 Me			46.98 Metres	67.50 Metres
	Parallel body length:		104.975 Metres	106.54 Metres	135.60 Metres
Tonna	ges				
1.35	Net Tonnage:				47,745
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			83,537	67,730
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			86,205.32	82,230.81
1.38	Panama Canal Net Tonnage (PCNT):				79,296
Loadli	ne Information	-			
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	7.55 Metres	17.59 Metres	149,999 Metric Tonnes	176,527.60 Metric Tonnes
	Winter:	7.55 Metres	17.59 Metres	149,999 Metric Tonnes	176,527.60 Metric Tonnes
	Tropical:	7.55 Metres	17.59 Metres	149,999 Metric Tonnes	176,527.60 Metric Tonnes
	Lightship:	22.16 Metres	3.24 Metres	-	26,528.60 Metric Tonnes
	Normal Ballast Condition:	17.03 Metres	9.85 Metres	47,473 Metric Tonnes	74,001 Metric Tonnes
	Segregated Ballast Condition:	17.00 Metres	9.63 Metres	47,906 Metric Tonnes	74,434 Metric Tonnes
1.40	FWA/TPC at summer draft:			397 Millimetres	111.09 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide a	Il assigned loadlines:		Yes 119,990 metric tonne	s
1.42	Constant (excluding fresh water):				260 Metric Tonnes
1.43	What is the company guidelines for Under Keel Clearance	e (UKC) for this vessel?		1-OCEAN AND OPEN \	WATERS: %15 OF

		CHANNELS, CANALS, WHILE ALONGSIDE: 1	2-PORT LIMITS, APPROACHES, FAIRWAYS, CHANNELS, CANALS, RIVERS, SBM/CBM, WHILE ALONGSIDE: 1.5% OF MOULDED BREADTH OF THE VESSEL BUT NOT LESS	
1.44	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast	
	Summer deadweight:	39.585 Metres	32.01 Metres	
	Normal ballast:	47.325 Metres	39.75	
	Lightship:	40.22 Metres	32.645 Metres	

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Oct 08, 2021	Nov 14, 2022	Jul 01, 2020	Aug 16, 2027
2.2	Safety Radio Certificate (SRC):	Nov 14, 2022	Nov 11, 2022	Jul 01, 2020	Aug 16, 2027
2.3	Safety Construction Certificate (SCC):	Nov 14, 2022	Dec 15, 2022	Jul 01, 2020	Jan 20, 2023
2.4	International Loadline Certificate (ILC):	Nov 11, 2022	Nov 14, 2021	Jul 01, 2020	Aug 16, 2027
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Nov 14, 2022	Nov 14, 2022	Jul 01, 2020	Aug 16, 2027
2.6	International Ship Security Certificate (ISSC):	Oct 08, 2021	Not Applicable	Mar 10, 2020	Feb 05, 2023
2.7	Maritime Labour Certificate (MLC):	Oct 08, 2021	N/A	Mar 10, 2020	Feb 09, 2023
2.8	ISM Safety Management Certificate (SMC):	Oct 08, 2021	Not Applicable	Mar 10, 2020	Feb 09, 2023
2.9	Document of Compliance (DOC):	Jun 03, 2022	Jun 03, 2022		Apr 05, 2026
2.10	USCG Certificate of Compliance (USCGCOC):	Apr 02, 2021	Not Applicable		Apr 02, 2023
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 20, 2022	N/A	N/A	Feb 20, 2023
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 20, 2022	N/A	N/A	Feb 20, 2023
2.13	Liability for the Removal of Wrecks Certificate (WRC):	Feb 20, 2022	N/A	N/A	Feb 20, 2023
2.14	U.S. Certificate of Financial Responsibility (COFR):	Sep 12, 2020	N/A	N/A	Sep 12, 2023
2.15	Certificate of Class (COC):	Nov 14, 2021	Nov 14, 2021	Jul 01, 2020	Jan 20, 2023
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Nov 14, 2022	N/A	N/A	Aug 16, 2027
2.17	Certificate of Fitness (COF):	Not Applicable	Not Applicable		Not Applicable
2.18	International Energy Efficiency Certificate (IEEC):	Oct 08, 2021	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Nov 14, 2022	Oct 08, 2021	Jul 01, 2020	Aug 16, 2027
Docun	nentation				
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:			Ye	es
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	25	
2.22	Is the ITF Special Agreement on board (if applicable)?			N/	/A
2.23	ITF Blue Card expiry date (if applicable):				

3.	CREW				
3.1	Nationality of Master:		Turkish		
3.2	Number and nationality of Officers:		10	Turkish	
3.3	Number and nationality of Crew:		12	Turkish	
3.4	What is the common working language onboard:			Turkish, English	
3.5	Do officers speak and understand English?			Yes	
3.6	If Officers/ratings employed by a manning agency - Full style:	Officers: N/A		Ratings: N/A	

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:	ECM Maritime Services, LLC 1 Selleck Street – 1st Floor, Suite 1C Tel: +1.203.857.0444 or +1.281.464.3328 Fax: +1-203-857-0428 Email: QI@ecmmaritime.com
4.3	Oil Spill Response Organization (OSRO) - Full style:	Marine Spill Response Corp. (MSRC) 220 Spring Street, Suite 500 Herndon, VA 20170 Tel: +1-800-259-6772 or +1-703-326-5609 Fax: +1-703-326-5660
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	

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 ISO 9001 and 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:	13.00 Metres

COATING/ANODES				
Tank Coating	Coated	Туре	To What Extent	Anodes
Cargo tanks:	Yes	High Solid Epoxy - Chugoku - BANNOH 1500	Deckhead with complete internal structure, including brackets connecting to longitudinal and transverse bulkheads. In tanks with ring frame girder construction, the underdeck transverse framing down to level of the first tripping bracket. Longitudinal and transverse bulkhead down to uppermost means of access level & Bottom to 0.5m upwards	No
Ballast tanks:	Yes	Ероху	Fully	Yes
Slop tanks:	Yes	PURE EPOXY	Whole Tank	Yes

7.	BALLAST				
7.1	Pumps	No.	Туре	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Centrifugal	2,750 Cu. Metres/Hour	35 Metres
	Ballast Eductors:	1	TEAMTEC	300 Cu. Metres/Hour	25 Metres

8.	CARGO
Double	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	171,383.18 Cu. Metres
8.2.1	Capacity (max% per company policy: 98%, 97%, 96% or 95%) of each natural segregation with double valve (specify tanks):	1 SEG = 1P&S +4P&S 2 SEG = 2P&S +5P&S 3 SEG = 3P&S +6P&S	= 59,822.00
8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):		
8.3	Number of slop tanks and total cubic capacity (max% per company policy: 98%, 97%, 96% or 95%):	2	3,506.83 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:	3 SEG	l
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:		171.20 Cu. Metres
SBT V	essels	1	
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	51,224.70 Cu. Metres	34 %
8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:	Yes	
├	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.:	Yes 1,025 kg/lt cargo der	nsity
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:	7,720 Cu. Metres/Hour	7,720 Cu. Metres/Hour (7,720 cbm/h, with one manifold, 15,440 cbm/h, with two manifolds 17,000 cbm/h, with three manifolds)
	Loaded simultaneously through all manifolds:	17,000 Cu. Metres/Hour	17,000 Cu. Metres/Hour
Cargo	Control Room	1	l
8.7	Is ship fitted with a Cargo Control Room (CCR)?	Υ	es
8.8	Can tank innage/ullage be read from the CCR?	Υ	es
Gaugi	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 beam type lev	el gauge
	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?	Υ	es
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:	Yes, 3 vapour locks, forward	1 each aft, mid and
8.10	Number of portable gauging units (example- MMC) on board:		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	406.40 Millimetres
8.13	Number/size/type of VECS reducers:	2x20x12"	
Ventir	g	'	
8.14	State what type of venting system is fitted:	VENT RISER + HIGH \	/ELOCITY PV VALVES
Cargo	Manifolds and Reducers	•	
8.15	Total number/size of cargo manifold connections on each side:	3/600 Millimetres	
8.16	What type of valves are fitted at manifold:	Butterfly	

B.19 Distance ships rail to manifold: 4,600 Millim	103		
B.19 Distance ships rail to manifold: 4,600 Millim			
8.20 Distance manifold to ships side: 8.21 Top of rail to center of manifold: 8.22 Top of rail to center of manifold: 8.23 Spill tank grating to center of manifold: 8.24 Manifold height above the waterline in normal ballast/at SDWT condition: 8.25 Number/size/type of reducers: 8.26 Is vessel fitted with a stern manifold? If yes, state size: 8.27 Number/size/type of reducers: 8.28 Is vessel fitted with a cargo heating system? 8.29 Cargo/slop tanks fitted with a cargo heating system? 8.20 Sitop Tanks: 8.21 Maximum temperature cargo can be loaded/maintained: 8.28 Maximum temperature cargo can be loaded/maintained: 8.29 Is unit of the maximum loading temperature in the cargo intank from 44°C to 66°C. 8.29 Is minimum temperature cargo can be loaded/maintained: 8.21 Minimum temperature cargo can be loaded/maintained: 8.22 Is Minimum temperature cargo can be loaded/maintained: 8.23 Is Minimum temperature cargo can be loaded/maintained: 8.24 Maximum temperature cargo can be loaded/maintained: 8.25 Is Minimum temperature cargo can be loaded/maintained: 8.26 Is Minimum temperature cargo can be loaded/maintained: 8.27 Cargo/slop tanks fitted with a cargo heating system? 8.28 Is Minimum temperature cargo can be loaded/maintained: 8.29 Is an Inert Gas system (IGS) fitted/operational? 900 Millim 900 Millim	2,500 Millimetres		
8.21 Top of rail to center of manifold: 730 Millim	4,600 Millimetres		
8.22 Distance main deck to center of manifold: 2,100 Millim	4,600 Millimetres		
8.23 Spill tank grating to center of manifold: 8.24 Manifold height above the waterline in normal ballast/at SDWT condition: 8.25 Number/size/type of reducers: 8.26 Number/size/type of reducers: 8.27 Cargo/slop tanks fitted with a cargo heating system? 8.28 Maximum temperature cargo can be loaded/maintained: 8.28 Maximum temperature cargo can be loaded/maintained: 8.29 Maximum temperature cargo can be loaded/maintained: 8.20 Cargo pumps design, tank coating and valve seats) 8.21 Minimum temperature cargo can be loaded/maintained: 8.22 Minimum temperature cargo can be loaded/maintained: 8.23 Minimum temperature cargo can be loaded/maintained: 8.24 Maximum temperature cargo can be loaded/maintained: 8.25 Minimum temperature cargo can be loaded/maintained: 8.26 Minimum temperature cargo can be loaded/maintained: 8.27 Cargo tanks 8.28 Minimum temperature cargo can be loaded/maintained: 8.28 Minimum temperature cargo can be loaded/maintained: 8.29 Minimum temperature cargo can be loaded/maintained: 8.26 Maximum temperature cargo can be loaded/maintained: 8.27 Cargo tanks designed for raising the cargo temperature in the cargo in tank from 44°C to 66°C. 8.28 Limit of the maximum loading temperature in the cargo in tank from 44°C to 66°C. 8.28 Minimum temperature cargo can be loaded/maintained: 8.29 Minimum temperature cargo can be loaded/maintained: 8.29 Minimum temperature cargo can be loaded/maintained: 8.29 Minimum temperature cargo can be loaded/maintained: 8.20 Minimum temperature cargo can be loaded/maintained: 8.21 Minimum temperature cargo can be loaded/maintained: 8.22 Minimum temperature cargo can be loaded/maintained: 8.23 Minimum temperature cargo can be loaded/maintained: 8.24 Minimum temperature cargo can be loaded/maintained: 8.25 Minimum tempe	730 Millimetres		
8.24 Manifold height above the waterline in normal ballast/at SDWT condition: 19.29 Metres 9.60 M	2,100 Millimetres		
8.25 Number/size/type of reducers: S x 609.6/406.4mm (24/16") 3 x 609.6/304.8mm (24/12") 3 x 609.6/254mm (24/12") 3 x 609.6/254mm (24/12") 3 x 609.6/254mm (24/12") 3 x 609.6/254mm (24/12") 3 x 609.6/2503.2mm (24/8") 2 x 609.6/508mm (24/20") ANSI	900 Millimetres		
Second Content of the maximum temperature cargo can be loaded/maintained: Second Content of the maximum loading temperature is 60°C. Limit of the maximum loading temperature is 60°C. Limit of the maximum loading temperature cargo can be loaded/maintained: Second Content of the maximum temperature cargo can be loaded/maintained: Second Content of the maximum temperature cargo can be loaded/maintained: Second Content of the maximum loading temperature is 60°C. Limit of the maximum loading temperature cargo can be loaded/maintained: Second Content of the maximum loading temperature is 60°C. Limit of the maximum loadin	res 9.60 Metres		
3 x 609.6/254mm (24/10") 3 x 609.6/253.mm (24/8") 2 x 609.6/203.mm (24/8") 2 x 609.6/508mm (24/20") 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? Cargo Tanks: SIOP Tanks: SIOP Tanks: SIOP Tanks: SIOP Tanks: Maximum temperature cargo can be loaded/maintained: 60.0 °C / 140.0 °F (cargo tanks designed for raising the cargo it tank from 44°C to 66°C. Limit of the maximum loading temperature in the cargo out the cargo out temperature in the cargo out temperature	m (24/16")		
8.26 Is vessel fitted with a stern manifold? If yes, state size: 8.27 Cargo/slop tanks fitted with a cargo heating system? Type Coiled Material Cargo Tanks: STEAM Yes SS Slop Tanks: Heating Coils Yes STPG 370S (Car steel) 8.28 Maximum temperature cargo can be loaded/maintained: 60.0 °C / 140.0 °F (cargo tanks designed for raising the cargo temperature in the cargo it tank from 44°C to 66°C. Limit of the maximum loading temperature is 60°C (140°F) due to cargo pumps design, tank coating and valve seats) 8.28.1 Minimum temperature cargo can be loaded/maintained: 0.0 °C / 32.0 °F 0.0 °C / 3.1 Inert Gas and Crude Oil Washing Yes/Yes			
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? Cargo Tanks: SIOp Tanks: SIOp Tanks: SIOp Tanks: Maximum temperature cargo can be loaded/maintained: 8.28 Maximum temperature cargo can be loaded/maintained: 60.0 °C / 140.0 °F (cargo tanks designed for raising the cargo temperature in the cargo it temperature in the cargo it temperature in the cargo it temperature in the cargo pumps design, tank coating and valve seats) 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.28.2 Intert Gas and Crude Oil Washing 8.29 Is an Inert Gas System (IGS) fitted/operational?			
Second Process Seco			
Heating 8.27 Cargo/slop tanks fitted with a cargo heating system? Type Coiled Material	(21/20)		
Cargo/slop tanks fitted with a cargo heating system? Type Coiled Material			
Cargo Tanks: STEAM Yes SS Slop Tanks: Heating Coils Yes STPG 3705 (Cargo Tanks: Steel) 8.28 Maximum temperature cargo can be loaded/maintained: 60.0 °C / 140.0 °F (cargo tanks designed for raising the cargo temperature in the cargo oil tank from 44°C to 66°C. Limit of the maximum loading temperature is 60°C (140°F) due to cargo pumps design, tank coating and valve seats) 8.28.1 Minimum temperature cargo can be loaded/maintained: 8.29 Is an Inert Gas System (IGS) fitted/operational? Yes/Yes			
Slop Tanks: Heating Coils Yes STPG 370S (Carl Steel)	Material		
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and valve seats) 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			
8.28.1 Minimum temperature cargo can be loaded/maintained: 0.0 °C / 32.0 °F 0.0 °C / 3.0 °F	~		
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	Yes/Yes		
	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 Heat (sg=1.0)	At What Head (sg=1.0)		
135 M	HR 135 Meters 135 Meters 135 Meters		
Cargo Eductors: 2 Liquid jet Pump 470 Cu. Metres/Hour 25 M			
Stripping: 1 Reciprocating 250 Cu. Metres/Hour			
8.33 Is at least one emergency portable cargo pump provided?			

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:	4	80 Millimetres	PES/PP mixed yarn [50/50%]	11 Metres	105.80 Metric Tonnes
	Main deck fwd:	4	80 Millimetres	PES/PP mixed yarn [50/50%]	11.00 Metres	105.80 Metric Tonnes
	Main deck aft:	2	80 Millimetres	PES/PP mixed yarn [50/50%]	11.00 Metres	105.80 Metric Tonnes
	Poop deck:	6	80 Millimetres	PES/PP mixed yarn [50/50%]	11.00 Metres	105.80 Metric Tonnes
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	31 Millimetres	НМРЕ	280 Metres	85.20 Metric Tonnes
	Main deck fwd:	4	31 Millimetres	НМРЕ	280 Metres	85.20 Metric Tonnes
	Main deck aft:	2	31 Millimetres	НМРЕ	280 Metres	85.20 Metric Tonnes
	Poop deck:	6	31 Millimetres	НМРЕ	280 Metres	85.20 Metric Tonnes
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	3	75 Millimetres	POLYPROPELENE	220 Metres	99 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	3	75 Millimetres	POLYPROPELENE	220 Metres	99 Metric Tonnes
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double Drums	Hydaulic	51.10 Metric Tonnes	Band brake
	Main deck fwd:	2	Double Drums	Hydaulic	51.10 Metric Tonnes	Band brake
	Main deck aft:	1	Double Drums	Hydaulic	51.10 Metric Tonnes	Band brake
	Poop deck:	3	Double Drums	Hydaulic	51.10 Metric Tonnes	
9.6	Bitts, closed chocks/fairleads	No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks	
	Forecastle:		4	92 Metric Tonnes	8	92 Metric Tonnes
	Main deck fwd:		7	92 Metric Tonnes	9	92 Metric Tonnes
	Main deck aft:		3	92 Metric Tonnes	7	92 Metric Tonnes
	Poop deck:		7	92 Metric Tonnes	13	92 Metric Tonnes
Ancho	ors/Emergency Towing System					
9.7	Number of shackles on port/starboard cable:				14	/13
9.8	Type/SWL of Emergency Towing system forwa	DHF7000-001	350 Metric Tonnes			
9.9	Type/SWL of Emergency Towing system aft:	DHA4000-001	204 Metric Tonnes			
9.10.1	What is size of closed chock and/or fairleads or		600x450			
Escor	t Tug					
9.10.2	What is SWL of closed chock and/or fairleads of		204 Metric Tonnes			
9.11	What is SWL of bollard on poop deck suitable f	or escort to	ug:			204 Metric Tonnes
Lifting	g Equipment/Gangway					
9.12				Cranes: 1 x 20 Tonnes 1 x 8 Tonnes provision Crane (PORT) 1 x 2 Tonnes Provision Crane (STB)		
-	Accommodation ladder direction:					Aft
9.13	Accommodation ladder direction:					7110
9.13	Does vessel have a portable gangway? If yes, s	tate length	:			Yes, 16.275 Metres

9.14	Does the vessel meet the recommendations in the latest edition of OCIMF 'Recon Equipment Employed in the Bow Mooring of Conventional Tankers at Single Poin (SPM)'?	Yes			
9.15	If fitted, how many chain stoppers:		2		
9.16	State type/SWL of chain stopper(s):		TONGUE SM490	350 Metric Tonnes	
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:			3.20 Metres	
9.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:	Yes			
10.	PROPULSION				
10.1	Speed		Maximum	Economical	
	Ballast speed:		15 Knots (WSNP)	11 Knots (WSNP)	
	Laden speed:		14.50 Knots (WSNP)		
10.2	What type of fuel is used for main propulsion/generating plant:		VLSFO, ULSFO, LSMGO	VLSFO, ULSFO, LSMGO	
10.3	Type/Capacity of bunker tanks:	Fuel Oil: 3,358.50 Cu. Metres Diesel Oil: Gas Oil: 683.20 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	13,900 Kilowatt	HYUNDAI MAN B&W 5G70ME-C9.5	
	Aux engine:	3	4,170 Kilowatt	2 x Hyundai HIMSEN 7H21/32 and 1 x 6H21/32	
	Power packs:				
	Boilers:	2	35 Metric Tonnes/Hour	Alborg/MISSION OM	
Bow/S	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,		
Emissi	ions				
10.8	Main engine IMO NOx emission standard:		Tier II		
10.9	Energy Efficiency Design Index (EEDI) rating number:	2.6			
11.	SHIP TO SHIP TRANSFER	1			
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship (Petroleum, Chemicals or Liquified Gas, as applicable)?	Yes			
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:		8 Metres		
11.3	Date/place of last STS operation:				
12.	RECENT OPERATIONAL HISTORY		1		
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):				
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:	-, , -			
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide	de details:	No		

	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.	
12.6	Date/Place of last SIRE inspection:	
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.