

<b>1.</b>	<b>GENERAL INFORMATION</b>		
1.1	Date updated:	November 12, 2018	
1.2	Vessel's name (IMO number):	Lutsen (9311646)	
1.3	Vessel's previous name(s) and date(s) of change:	Ben (Mar 29, 2016) Liquid Velvet (Sep 17, 2007) Brovig Bay (Jul 09, 2007) Songa Diamond (Jan 20, 2006)	
1.4	Date delivered/Builder (where built):	Jan 19, 2006/Sam Ho Shipbuilding Co., Ltd.	
1.5	Flag/Port of Registry:	Marshall Islands/Majuro	
1.6	Call sign/MMSI:	V7RS8/538006826	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: +870 773 409 356 Fax: +870 783 401 798 Email: lutsen@super-hub.com	
1.8	Type of vessel (as described in Form A or Form B Q1.11 of the IOPPC):	Oil Tanker	
1.9	Type of hull:	Double Hull	
<b>Ownership and Operation</b>			
1.10	Registered owner - Full style:	Lutsen Solutions Inc. Trust Company Complex Ajeltake Road, Ajeltake Islands, Majuro Republic of the Marshall Islands MH 96960 Marshall Islands Tel: +65 6732 4144 Fax: +65 6732 3769 Telex: N/A Email: dpa@csmg.com	
1.11	Technical operator - Full style:	Columbia Shipmanagement Singapore Pte Ltd 9 Temasek Boulevard~20-03 Suntec Tower Two Singapore 038989 Singapore Tel: +65 6732 4144 Fax: +65 6732 3769 Telex: N/A Email: vetting@csmcy.com. Company IMO#: 5900831	
1.12	Commercial operator - Full style:	Streamline Tankers GmbH Gross Elbstrasse 275, 22767 Hamburg, Germany Germany Tel: +49 40 413 5875-0 Fax: +49 40 413 5875-25 Telex: N/A Email: OPS@STREAMLINE-TANKERS.COM	
1.13	Disponent owner - Full style:	N/A N/A Tel: N/A Fax: N/A Telex: N/A Email: N/A Web: N/A	
<b>Insurance</b>			
1.14	P & I Club - Full Style:	The Standard Standard House, 12-13 Essex Street, London WC3R 3AA, UK Tel: +44 20 3320 8888 Email: pandi.london@ctplc.com Web: www.standard-club.com	
1.15	P & I Club pollution liability coverage/expiration date:	1,000,000,000 US\$	Feb 20, 2018
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)	Marsh Brokers Limited 1 Michael Michaelides Street	

		3030 Limassol, Cyprus Tel: +35725878100 Fax: +35725355869			
1.17	Hull & Machinery insured value/expiration date:		10,000,000 US\$	Dec 31, 2019	
Classification					
1.18	Classification society:		DNV GL		
1.19	Class notation:		100 A5 ESP Chemical Tanker Type-2,Oil Tanker with double hull,MC		
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:		No Nil		
1.21	If classification society changed, name of previous and date of change:		Det Norske Veritas, Apr 11, 2008		
1.22	Does the vessel have ice class? If yes, state what level:		N/A, NA		
1.23	Date/place of last dry-dock:		Jan 12, 2016/HRDD Shanghai, China		
1.24	Date next dry dock due/next annual survey due:		Jan 19, 2021	Jan 18, 2019	
1.25	Date of last special survey/next special survey due:		Jan 12, 2016	Jan 19, 2021	
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:		No,		
Dimensions					
1.27	Length overall (LOA):		127.20 Metres		
1.28	Length between perpendiculars (LBP):		119.45 Metres		
1.29	Extreme breadth (Beam):		20.40 Metres		
1.30	Moulded depth:		11.50 Metres		
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:		38.10 Metres	0 Metres	
1.32	Distance bridge front to center of manifold:		41.15 Metres		
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):		59.60 Metres	67.60 Metres	
1.34	Parallel body distances	Lightship	Normal Ballast	Summer Dwt	
	Forward to mid-point manifold:	22.00 Metres	22.50 Metres	30.30 Metres	
	Aft to mid-point manifold:	35.80 Metres	38.30 Metres	41.30 Metres	
	Parallel body length:	67.80 Metres	61.80 Metres	71.80 Metres	
Tonnages					
1.35	Net Tonnage:		4,030.00		
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):		8,450.00	6,942	
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):		9,035.68	7,171.55	
1.38	Panama Canal Net Tonnage (PCNT):		7,144.00		
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.812 Metres	8.714 Metres	12,909.854 Metric Tonnes	17,232.104 Metric Tonnes
	Winter:	2.993 Metres	8.533 Metres	12,495.223 Metric Tonnes	16,817.473 Metric Tonnes
	Tropical:	2.631 Metres	8.895 Metres	13,325.255 Metric Tonnes	17,647.505 Metric Tonnes
	Lightship:	9,052 Metres	2.474 Metres	-	4,322.25 Metric Tonnes
	Normal Ballast Condition:	5.745 Metres	5.755 Metres	6,414.855 Metric Tonnes	10,737.105 Metric Tonnes
	Segregated Ballast Condition:	5.745 Metres	5.755 Metres	6,414.855 Metric Tonnes	10,737.105 Metric Tonnes
1.40	FWA/TPC at summer draft:		188 Millimetres	22.93 Metric Tonnes	
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:		Yes		
1.42	Constant (excluding fresh water):		237 Metric Tonnes		
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?		10% berth/15% confined waters/25%		

		open sea	
1.44	What is the max height of mast above waterline (air draft)	Full Mast	Collapsed Mast
	Summer deadweight:	29.386 Metres	0 Metres
	Normal ballast:	32.60 Metres	0 Metres
	Lightship:	35.626 Metres	0 Metres

2.	CERTIFICATES	Issued	Last Annual	Last Intermediate	Expires
2.1	Safety Equipment Certificate (SEC):	Apr 09, 2018	Apr 09, 2018		Jan 19, 2021
2.2	Safety Radio Certificate (SRC):	Apr 09, 2018	Apr 09, 2018		Jan 19, 2021
2.3	Safety Construction Certificate (SCC):	Apr 09, 2018	Apr 09, 2018		Jan 19, 2021
2.4	International Loadline Certificate (ILC):	Apr 09, 2018	Apr 09, 2018		Jan 19, 2021
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Apr 09, 2018	Apr 09, 2018		Jan 19, 2021
2.6	International Ship Security Certificate (ISSC):	Jan 09, 2018	Not Applicable	Not Applicable	Feb 03, 2023
2.7	Maritime Labour Certificate (MLC):	Apr 09, 2018	N/A		May 22, 2023
2.8	ISM Safety Management Certificate (SMC):	Jan 09, 2018	Not Applicable	Not Applicable	Feb 03, 2023
2.9	Document of Compliance (DOC):	Jan 12, 2015	Jan 18, 2018		Dec 07, 2019
2.10	USCG Certificate of Compliance(USCGCOC):	Oct 14, 2016	Oct 05, 2017		Oct 14, 2018
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 06, 2018	N/A	N/A	Feb 20, 2019
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 06, 2018	N/A	N/A	Feb 20, 2019
2.13	Liability for the Removal of Wrecks Certificate (WRC):	Feb 06, 2018	N/A	N/A	Feb 20, 2019
2.14	U.S. Certificate of Financial Responsibility (COFR):	Jan 21, 2016	N/A	N/A	Jan 21, 2019
2.15	Certificate of Class (COC):	Apr 09, 2018	Apr 09, 2018		Jan 19, 2021
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Apr 09, 2018	N/A	N/A	Jan 19, 2021
2.17	Certificate of Fitness (COF):	Apr 06, 2018	Apr 09, 2018		Jan 19, 2021
2.18	International Energy Efficiency Certificate (IEEC):	Apr 09, 2018	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Apr 09, 2018	Apr 09, 2018		Jan 19, 2021

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):	

3.	CREW	
3.1	Nationality of Master:	Ukrainian
3.2	Number and nationality of Officers:	8 Russian, Ukrainian, Filipino
3.3	Number and nationality of Crew:	9 Filipino
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: Columbia Sipmanagement Singapore Pte Ltd 9 Temasek Boulevard~20-03 Suntec Tower Two, Singapore, 038989. Tel: +65 6732 4144 Fax: +65 6732 3769 Telex: N/A Email: lutsen.crewing@csmcy.com  Ratings: Career Philippines Ahipmanagement,INC. 2/F 1526P.SANTOS ST.,BANGKAL,1200 MAKATI CITY,PHILIPPINES Tel: +632 889 2020 Fax: +632 889 2557 Telex: N/A Email: lutsen.crewing@csmcy.com

<b>4.</b>	<b>FOR USA CALLS</b>		
4.1	Has the vessel Operator submitted a Vessel Spill Response Plan to the US Coast Guard which has been approved by official USCG letter?	Yes	
4.2	Qualified individual (QI) - Full style:	O'Brien's Oil Pollution Service O'BRIEN'S RESPONSE MANAGEMENT New Jersey Office 103 MORGAN LANE, SUITE 103 Plainsboro, NJ 08536, USA Telephone: +1-609-275-9600 (During Normal Business Hours, Monday - Friday) Email: vrp@wittobriens.com Tel: +1-985-781-0804 Fax: n/a Telex: N/A Email: commandcenter@wittobriens.com	
4.3	Oil Spill Response Organization (OSRO) - Full style:	National Response Corp 3500 Sunrise Highway , Suite T-103 Great River , NY 11739 Tel: +1 631 224 9141 Fax: +1 631 224 9086 Email: iocdo@nrcc.com	
4.4	Salvage and Marine Firefighting Services (SMFF) - Full Style:	T&T Salvage, LLC 8717 Humble Westfield Road, Humble, TX 77338 Tel: +1-713-534-0700 Email: info@ttsalvage.com	

<b>5.</b>	<b>SAFETY/HELICOPTER</b>		
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?	No	
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:	0.00 Metres	

<b>6.</b>	<b>COATING/ANODES</b>				
6.1	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	Yes	Phenolic Epoxy	Whole Tank	No
	Ballast tanks:	Yes	Epoxy mastic	Whole Tank	Yes
	Slop tanks:	Yes	Sigma Phenolic Finish Epoxy	Whole Tank	No

<b>7.</b>	<b>BALLAST</b>				
7.1	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Centrifugal	350 Cu. Metres/Hour	25 Metres
	Ballast Eductors:	0	N/A	0 Cu. Metres/Hour	0 Metres

8.	CARGO		
Double Hull Vessels			
8.1	Is vessel fitted with centerline bulkhead in all cargo tanks? If Yes, solid or perforated:	Yes, Solid	
Cargo Tank Capacities			
8.2	Number of cargo tanks and total cubic capacity (98%):	12	13,073.316 Cu. Metres
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):	Seg#1: 928.394 m3 (1 P) Seg#2: 928.394 m3 (1 S) Seg#3: 967.741 m3 (2 P) Seg#4: 954.452 m3 (2 S)	

		Seg#5: 1201.129 m3 (3 P) Seg#6: 1208.921 m3 (3 S) Seg#7: 1206.738 m3 (4 P) Seg#8: 1205.134 m3 (4 S) Seg#9: 1195.812 m3 (5 P) Seg#10: 1201.999 m3 (5 S) Seg#11: 1037.303 m3 (6 P) Seg#12: 1037.303 m3 (6 S) Seg#13: 697.323 m3 (Slop p+s)	
8.2.2	IMO class (Oil/Chemical Ship Type 1, 2 or 3):	2	
8.3	Number of slop tanks and total cubic capacity (98%):	2	697.323 Cu. Metres
8.3.1	Specify segregations which slops tanks belong to and their capacity with double valve:		
8.3.2	Residual/retention oil tank(s) capacity (98%), if applicable:	10 Cu. Metres	
<b>SBT Vessels</b>			
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?	5,214.20 Cu. Metres	41.00 %
8.3.4	Does vessel meet the requirements of MARPOL Annex I Reg 18.2:	Yes	
<b>Cargo Handling and Pumping Systems</b>			
8.4	How many grades/products can vessel load/discharge with double valve segregation:	13	
8.4.1	State type of cargo containment (integral, independent, gravity or pressure tanks):		
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:	Yes Designed specific gravity of the cargo tanks 1.45 ton/cbm	
8.6	Max loading rate for homogenous cargo	With VECS	Without VECS
	Loaded per manifold connection:		477 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:		1,200.00 Cu. Metres/Hour
<b>Cargo Control Room</b>			
8.7	Is ship fitted with a Cargo Control Room (CCR)?	Yes	
8.8	Can tank innage/ullage be read from the CCR?	Yes	
<b>Gauging and Sampling</b>			
8.9	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:	Yes,	
	What type of gauging system as per IBC 13.1 is fitted (Open/Restricted/Closed )?	Closed	
	What type of fixed closed tank gauging system is fitted:	Floating	
	Is a tank overflow control system fitted? If yes, then state if system includes automatic closing of valves?	Yes, No	
	Are high level alarms fitted to the cargo tanks? If Yes, indicate whether to all tanks or partial:	Yes, All	
8.9.1	Can cargo be transferred under closed loading conditions in accordance with ISGOTT 11.1.6.6?	Yes	
8.9.2	Are cargo tanks fitted with multipoint gauging? If yes, specify type and locations:	Yes,	
8.10	Number of portable gauging units (example- MMC) on board:	3	
<b>Vapor Emission Control System (VECS)</b>			
8.11	Is a Vapour Emission Control System (VECS) fitted?	Yes	
8.12	Number/size of VECS manifolds (per side):	2	150 Millimetres
8.13	Number/size/type of VECS reducers:		
<b>Venting</b>			
8.14	State what type of venting system is fitted:	High Velocity P/V Valves	
<b>Cargo Manifolds and Reducers</b>			
8.15	Total number/size of cargo manifold connections on each side:	13/150 Millimetres	
8.15.1	Does the vessel have a Common Line Manifold connection? If yes, describe:	Yes, one common line, 600 Millimetres	
8.16	What type of valves are fitted at manifold:	Butterfly	
8.17	What is the material/rating of the manifold:	Stainless Steel/ANSI	

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:			680.00 Millimetres	
8.19	Distance ships rail to manifold:			3,750.00 Millimetres	
8.20	Distance manifold to ships side:			3,960.00 Millimetres	
8.21	Top of rail to center of manifold:			1,140.00 Millimetres	
8.22	Distance main deck to center of manifold:			2,720.00 Millimetres	
8.23	Spill tank grating to center of manifold:			920.00 Millimetres	
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:			8.51 Metres	5.93 Metres
8.25	Number/size/type of reducers:			2 x 300/150mm (12/6") 2 x 150/100mm (6/4") 2 x 300/200mm (12/8") 2 x 200/150mm (8/6") 2 x 300/250mm (12/10") ANSI	
8.26	Is vessel fitted with a stern manifold? If yes, state size:			Yes, 300.00 Millimetres	
<b>Heating</b>					
8.27	Cargo/slop tanks fitted with a cargo heating system?	Type	Coiled	Material	
	Cargo Tanks:	heating coils	Yes	SS	
	Slop Tanks:	heating coils	Yes	SS	
8.27.1	Is a Thermal Oil Heating system fitted? If yes, identify tanks?			No,	
8.28	Maximum temperature cargo can be loaded/maintained:			80.0 °C / 176.0 °F	80 °C / 176 °F
8.28.1	Minimum temperature cargo can be loaded/maintained:				
<b>Inert Gas and Crude Oil Washing</b>					
8.29	Is an Inert Gas System (IGS) fitted/operational?			No/Yes	
8.29.1	Is a Crude Oil Washing (COW) installation fitted/operational?			No/N/A	
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:			Nitrogen (Bottled)	
8.30.1	If nitrogen generator, specify the applicable flow rate for each of the designed purity modes:			for padding only	
<b>Cargo Pumps</b>					
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:	12	Centrifugal	300 M3/HR	110 Meters
		2	Centrifugal	100 M3/HR	110 Meters
		1	Centrifugal	70 M3/HR	70 Meters
	Cargo Eductors:		N/A		
	Stripping:		N/A	0 Cu. Metres/Hour	0 Metres
8.33	Is at least one emergency portable cargo pump provided?			Yes	
<b>Tank Cleaning Systems</b>					
8.34	Is tank cleaning equipment fixed in cargo tanks?			Yes	
8.35	Is portable tank cleaning equipment provided?			Yes	
8.36	Tank washing pump capacity:			100.00 Cu. Metres/Hour	
8.37	Is a washing water heater fitted? If yes is it operational and state max washing water temperature:			Yes, 80.00 Degrees Celsius	
8.38	What is the maximum number of machines that can be operated at their designed max pressure?			4	
<b>Other Deck Equipment</b>					
8.39	Is vessel fitted with a remote cargo tank temperature monitoring system. If yes, is it operational?			Yes, Yes	
8.40	Is vessel fitted with a remote cargo tank pressure monitoring system. If yes, is it operational?			Yes, Yes	
8.41	Is vessel fitted with a cargo tank drier. If yes is it operational and state capacity:			No, 0 Cu. Metres/Hour	
8.42	Is vessel fitted with a cargo cooling system. If yes is it operational and state tanks applicable:			No,	

8.43	Is steam available on deck?	Yes
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9.	MOORING					
9.1	Wires (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Main deck fwd:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Main deck aft:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Poop deck:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
9.2	Wire tails	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Main deck fwd:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Main deck aft:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Poop deck:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	52 Millimetres	Secofloat	220.00 Metres	55.50 Metric Tonnes
	Main deck fwd:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Main deck aft:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Poop deck:	4	52 Millimetres	Secofloat	220.00 Metres	55.50 Metric Tonnes
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	52.00 Millimetres	Estalon UV resistant	220.00 Metres	53.10 Metric Tonnes
	Main deck fwd:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Main deck aft:	0	0.00 Millimetres		0.00 Metres	0.00 Metric Tonnes
	Poop deck:	4	52.00 Millimetres	Estalon UV resistant	220.00 Metres	53.10 Metric Tonnes
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double	Hydraulic	32.80 Metric Tonnes	Bend
	Main deck fwd:	0	0	N/A	0.00 Metric Tonnes	
	Main deck aft:	0	0	N/A	0.00 Metric Tonnes	
	Poop deck:	2	Double	Hydraulic	32.80 Metric Tonnes	Bend
9.6	Bitts, closed chocks/fairleads		No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		6	26 Metric Tonnes	6	Forecastle: 11 1-64mt / 2-45mt/ 2-57mt / 6-42 mt
	Main deck fwd:		4	20 Metric Tonnes	2	56.90 Metric Tonnes
	Main deck aft:		2	20 Metric Tonnes	2	56.90 Metric Tonnes
	Poop deck:		6	26 Metric Tonnes	11	Poop deck: 11 1-64mt / 2-45mt/ 2-57mt / 6-42 mt
Anchors/Emergency Towing System						
9.7	Number of shackles on port/starboard cable:				10/10	
9.8	Type/SWL of Emergency Towing system forward:				N/A	
9.9	Type/SWL of Emergency Towing system aft:				N/A	
Escort Tug						
9.10	What is size/SWL of closed chock and/or fairleads of enclosed type on stern:				N/A	61.00 Metric Tonnes
9.11	What is SWL of bollard on poop deck suitable for escort tug:				26.00 Metric Tonnes	
Lifting Equipment/Gangway						
9.12	Derrick/Crane description (Number, SWL and location):				Derricks: 0.00 Tonnes, Cranes: 1 x 10.00 Tonnes Mid ship crane SWL 10T / middle	

		Stern hose Crane SWL 2.1T / Stbd aft	
9.13	Accommodation ladder direction:	Aft	
	Does vessel have a portable gangway? If yes, state length:	Yes, 8 Metres	
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)':?	No	
9.15	If fitted, how many chain stoppers:	0	
9.16	State type/SWL of chain stopper(s):	N/A	0.00 Metric Tonnes
9.17	What is the maximum size chain diameter the bow stopper(s) can handle:	0.00 Millimetres	
9.18	Distance between the bow fairlead and chain stopper/bracket:	0.00 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 N/A	

<b>10.</b>	<b>PROPULSION</b>		
10.1	Speed	Maximum	Economical
	Ballast speed:	13 Knots (WSNP)	11 Knots (WSNP)
	Laden speed:	13 Knots (WSNP)	10.50 Knots (WSNP)
10.2	What type of fuel is used for main propulsion/generating plant:	380 cSt Fuel	380 cSt Fuel
10.3	Type/Capacity of bunker tanks:	Fuel Oil: 680 Cu. Metres Diesel Oil: 72 Cu. Metres Gas Oil: 0 Cu. Metres	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):	Fixed	
10.5	Engines	No	Capacity
	Main engine:	1	4,440 Kilowatt STX-MAN B&W / 6S35MC / 2 Stroke / Single acting
	Aux engine:	3	558 Kilowatt Yanmar / 6N16L-EV / 4 Stroke / Single acting
	Power packs:	3	220 Cu. Metres Frank Mohn AS / A4V250
	Boilers:	2	12.00 Metric Tonnes/Hour Miuro Co. Ltd / HB-12

<b>Bow/Stern Thruster</b>			
10.6	What is brake horse power of bow thruster (if fitted):	Yes, 544.00 bhp	
10.7	What is brake horse power of stern thruster (if fitted):	No, 0.00 bhp	

<b>Emissions</b>			
10.8	Main engine IMO NOx emission standard:	Tier I	
10.9	Energy Efficiency Design Index (EEDI) rating number:	11.45	

<b>11.</b>	<b>SHIP TO SHIP TRANSFER</b>		
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquefied Gas, as applicable)?	Yes	
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:	5.00 Metres	
11.3	Date/place of last STS operation:		

<b>12.</b>	<b>RECENT OPERATIONAL HISTORY</b>		
12.1	Last three cargoes/charterers/voyages (Last/2nd Last/3rd Last):	last: Renewable Diesel / SUNCOR / 18008 2d last: Base Oil / ROSNEFT / 18007 3d last: Base Oil / CHEMBULK / 18006	
12.2	Has vessel been involved in a pollution, grounding, serious casualty, unscheduled repair or	Pollution: No, n/a	



	collision incident during the past 12 months? If yes, provide details:	Grounding: No, n/a Casualty: No, Repair: No, N/A Collision: No, n/a
12.3	Date and place of last Port State Control inspection:	Jul 17, 2018 / Livorno
12.4	Any outstanding deficiencies as reported by any Port State Control? If yes, provide details:	No n/a
12.5	Recent Oil company inspections/screenings (To the best of owners knowledge and without guarantee of acceptance for future business)*: <i>* "Approvals" are not given by Oil Majors and ships are accepted for the voyage on a case by case basis.</i>	GASPROM, LUKOIL, EQUINOR, ENERGY TRANSFER, BP, CHEVRON, EXXONMOBIL (IMT), SHELL
12.6	Date/Place of last SIRE inspection:	Aug 15, 2018 / Punta Cardon
12.6.1	Date/Place of last CDI inspection:	Apr 30, 2018 / Pointe a Pitre
12.7	Additional information relating to features of the ship or operational characteristics:	N/A

Revised 2018 ([INTERTANKO](http://www.intertanko.com)/[Q88.com](http://www.q88.com))

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