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

1.	**GENERAL INFORMATION**		
1.1	Date updated:	Jun 12, 2018	
1.2	Vessel's name (IMO number):	Winter Sun (9187538)	
1.3	Vessel's previous name(s) and date(s) of change:	CHEM MASTER (Jan 06, 2018) Crystal Atlantica (Jan 12, 2014) Euro Atlantica (May 02, 2010)	
1.4	Date delivered/Builder (where built):	Jun 03, 2000/CantieriNavaliFratelli Orlando- Livorno	
1.5	Flag/Port of Registry:	Panama/PANAMA	
1.6	Call sign/MMSI:	3FTK/355725000	
1.7	Vessel's contact details (satcom/fax/email etc.):	Tel: Fax: Email: wintersun@amosconnect.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	
Ownership and Operation			
1.10	Registered owner - Full style:	BLUE WAVE SHIPPING AND TRADING CORP. TRUST COMPANY COMPLEX, AJELTAKE ROAD, AJELTAKE ISLAND, MAJURO, REPUBLIC OF THE MARSHALL ISLANDS MH 96960 Marshall Islands Tel: +90 216 491 0259 Email: operation@hicriercili.com.tr	
1.11	Technical operator - Full style:	Hicri Ercili Deniz Nakliyat 600 Evler Mah. Balikesir Asfatli Sag Taraf no: 72 Bandirma/Balikesir/Turkey Turkey Tel: +90 216 491 0259 Email: operation@hicriercili.com.tr Web: www.hicriercili.com.tr Company IMO#: 6031790	
1.12	Commercial operator - Full style:	Hicri Ercili Shipping Istanbul Turkey Tel: +90 216 501 97 06 Email: fix@hicriercili.com.tr Web: www.hicriercili.com/en	
1.13	Disponent owner - Full style:		
Insurance			
1.14	P & I Club - Full Style:	HANSEATIC UNDERWRITERS VAN-DER-SMISSEN-STR. 13 22767 HAMBURG, GERMANY Tel: +49 40 38 90 739-35 Fax: +49 40 38 90 739-70 Email: claims@hanseatic.com	
1.15	P & I Club pollution liability coverage/expiration date:	500,000,000 US$	Feb 20, 2019
1.16	Hull & Machinery insured by - Full Style: (Specify broker or leading underwriter)		
1.17	Hull & Machinery insured value/expiration date:		
Classification			
1.18	Classification society:	Nippon Kaiji Kyokai	
1.19	Class notation:	NS(Tanker,Oils-Flashpoint on and below 60C and Chemicals Type II and III)(ESP) MNS	
1.20	Is the vessel subject to any conditions of class, class extensions, outstanding memorandums or class recommendations? If yes, give details:	No	
1.21	If classification society changed, name of previous and date of change:	Lloyds Register, Feb 02, 2015	
1.22	Does the vessel have ice class? If yes, state what level:	No,	
1.23	Date/place of last dry-dock:	Feb 03, 2017/Nantong, China	
1.24	Date next dry dock due/next annual survey due:	Mar 19, 2022	Jun 05, 2019

1.25	Date of last special survey/next special survey due:			Apr 09, 2015	Apr 08, 2020
1.26	If ship has Condition Assessment Program (CAP), what is the latest overall rating:			No,	
Dimensions					
1.27	Length overall (LOA):				138.31 Metres
1.28	Length between perpendiculars (LBP):				129.95 Metres
1.29	Extreme breadth (Beam):				20.40 Metres
1.30	Moulded depth:				12.15 Metres
1.31	Keel to masthead (KTM)/ Keel to masthead (KTM) in collapsed condition, if applicable:			39 Metres	
1.32	Distance bridge front to center of manifold:				46.35 Metres
1.33	Bow to center manifold (BCM)/Stern to center manifold (SCM):			62.98 Metres	75.33 Metres
1.34	Parallel body distances		Lightship	Normal Ballast	Summer Dwt
	Forward to mid-point manifold:		29.60 Metres	32.00 Metres	34.40 Metres
	Aft to mid-point manifold:		32.80 Metres	48.60 Metres	58.35 Metres
	Parallel body length:		62.40 Metres	80.60 Metres	92.75 Metres
Tonnages					
1.35	Net Tonnage:				4,975
1.36	Gross Tonnage/Reduced Gross Tonnage (if applicable):			9,847	7,955
1.37	Suez Canal Tonnage - Gross (SCGT)/Net (SCNT):			10,457.11	8,290.33
1.38	Panama Canal Net Tonnage (PCNT):				8,400
Loadline Information					
1.39	Loadline	Freeboard	Draft	Deadweight	Displacement
	Summer:	2.815 Metres	9.347 Metres	16,631 Metric Tonnes	21,482 Metric Tonnes
	Winter:	3.01 Metres	9.152 Metres	16,139 Metric Tonnes	20,291 Metric Tonnes
	Tropical:	2.62 Metres	9.542 Metres	17,122 Metric Tonnes	21,974 Metric Tonnes
	Lightship:	6.987 Metres	2.38 Metres	-	6,987 Metric Tonnes
	Normal Ballast Condition:	3.837 Metres	5.00 Metres	7,245 Metric Tonnes	12,061 Metric Tonnes
	Segregated Ballast Condition:				
1.40	FWA/TPC at summer draft:			195 Millimetres	25.20 Metric Tonnes
1.41	Does vessel have multiple SDWT? If yes, please provide all assigned loadlines:			No	
1.42	Constant (excluding fresh water):				160 Metric Tonnes
1.43	What is the company guidelines for Under Keel Clearance (UKC) for this vessel?			At sea 50% draft/ at port 0.3M	
1.44	What is the max height of mast above waterline (air draft)			Full Mast	Collapsed Mast
	Summer deadweight:			29.653 Metres	0 Metres
	Normal ballast:				0 Metres
	Lightship:			36.62 Metres	0 Metres

2.	**CERTIFICATES**	**Issued**	**Last Annual**	**Last Intermediate**	**Expires**
2.1	Safety Equipment Certificate (SEC):	Jun 04, 2018			Mar 05, 2020
2.2	Safety Radio Certificate (SRC):	Jun 04, 2018			Mar 05, 2020
2.3	Safety Construction Certificate (SCC):	Jun 04, 2018			Mar 05, 2020
2.4	International Loadline Certificate (ILC):	Jun 04, 2018			Mar 05, 2020
2.5	International Oil Pollution Prevention Certificate (IOPPC):	Jun 04, 2018			Mar 05, 2020
2.6	International Ship Security Certificate (ISSC):	Jun 04, 2018			Dec 04, 2018
2.7	Maritime Labour Certificate (MLC):	Jun 04, 2018	N/A		Dec 04, 2018
2.8	ISM Safety Management Certificate (SMC):	Jun 04, 2018			Dec 04, 2018
2.9	Document of Compliance (DOC):	Oct 19, 2017			Jun 20, 2022
2.10	USCG Certificate of Compliance (USCGCOC):				
2.11	Civil Liability Convention (CLC) 1992 Certificate:	Feb 20, 2018	N/A	N/A	Feb 20, 2019
2.12	Civil Liability for Bunker Oil Pollution Damage Convention (CLBC) Certificate:	Feb 20, 2018	N/A	N/A	Feb 20, 2019
2.13	Liability for the Removal of Wrecks Certificate (WRC):		N/A	N/A	
2.14	U.S. Certificate of Financial Responsibility (COFR):		N/A	N/A	

2.15	Certificate of Class (COC):	Jun 04, 2018			Dec 04, 2018
2.16	International Sewage Pollution Prevention Certificate (ISPPC):	Jun 04, 2018	N/A	N/A	Mar 05, 2020
2.17	Certificate of Fitness (COF):	Jun 04, 2018			Mar 05, 2020
2.18	International Energy Efficiency Certificate (IEEC):	Jun 04, 2018	N/A	N/A	N/A
2.19	International Air Pollution Prevention Certificate (IAPPC):	Jun 04, 2018			Mar 05, 2020
Documentation					
2.20	Owner warrant that vessel is member of ITOPF and will remain so for the entire duration of this voyage/contract:			Yes	
2.21	Does vessel have in place a Drug and Alcohol Policy complying with OCIMF guidelines for Control of Drugs and Alcohol Onboard Ship?			Yes	
2.22	Is the ITF Special Agreement on board (if applicable)?			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:	7	TURKISH
3.3	Number and nationality of Crew:	14	TURKISH, GEORGIAN
3.4	What is the common working language onboard:		ENGLISH, TURKISH
3.5	Do officers speak and understand English?		Yes
3.6	If Officers/ratings employed by a manning agency - Full style:	Officers:	Ratings:

4.	**FOR USA CALLS**	
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?	No
4.2	Qualified individual (QI) - Full style:	
4.3	Oil Spill Response Organization (OSRO) - Full style:	
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):	
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:	

6.	**COATING/ANODES**				
6.1	Tank Coating	Coated	Type	To What Extent	Anodes
	Cargo tanks:	No			No
	Ballast tanks:	Yes	EPOXY	%100	Yes
	Slop tanks:	Yes	EPOXY	Whole Tank	

7.	**BALLAST**				
7.1	Pumps	No.	Type	Capacity	At What Head (sg=1.0)
	Ballast Pumps:	2	Centrifugal	250 Cu. Metres/Hour	
	Ballast Eductors:				

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%):		22	0 Cu. Metres
8.2.1	Capacity (98%) of each natural segregation with double valve (specify tanks):		17002.58 cu.meter	
8.3	Number of slop tanks and total cubic capacity (98%):		2	625.741 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:			
SBT Vessels				
8.3.3	What is total SBT capacity and percentage of SDWT vessel can maintain?		6,513 Cu. Metres	39.16 %
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:			22
8.5	Are there any cargo tank filling restrictions? If yes, specify number of slack tanks, max s.g., ullage restrictions etc.:		Yes 1.85 T/CBM	
8.6	Max loading rate for homogenous cargo		With VECS	Without VECS
	Loaded per manifold connection:			300 Cu. Metres/Hour
	Loaded simultaneously through all manifolds:			1,800 Cu. Metres/Hour
Cargo Control Room				
8.7	Is ship fitted with a Cargo Control Room (CCR)?		Yes	
8.8	Can tank innage/ullage be read from the CCR?		Yes	
Gauging and Sampling				
8.9	Is gauging system certified and calibrated? If no, specify which ones are not calibrated:		Yes,	
	What type of fixed closed tank gauging system is fitted:		Radar	
	Are high level 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:		,	
8.10	Number of portable gauging units (example- MMC) on board:			2
Vapor Emission Control System (VECS)				
8.11	Is a Vapour Emission Control System (VECS) fitted?		Yes	
8.12	Number/size of VECS manifolds (per side):		3	150 Millimetres
8.13	Number/size/type of VECS reducers:			
Venting				
8.14	State what type of venting system is fitted:		Independent	
Cargo Manifolds and Reducers				
8.15	Total number/size of cargo manifold connections on each side:		22/150 Millimetres	
8.16	What type of valves are fitted at manifold:		Gate	
8.17	What is the material/rating of the manifold:		Stainless STEEL/	
8.17.1	Does vessel comply with the latest edition of the OCIMF 'Recommendations for Oil Tanker Manifolds and Associated Equipment'?		Yes	
8.18	Distance between cargo manifold centers:			800 Millimetres
8.19	Distance ships rail to manifold:			4,700 Millimetres
8.20	Distance manifold to ships side:			902 Millimetres
8.21	Top of rail to center of manifold:			215 Millimetres
8.22	Distance main deck to center of manifold:			3,125 Millimetres
8.23	Spill tank grating to center of manifold:			500 Millimetres
8.24	Manifold height above the waterline in normal ballast/at SDWT condition:		10.115 Metres	6.285 Metres
8.25	Number/size/type of reducers:		None	
8.26	Is vessel fitted with a stern manifold? If yes, state size:		Yes, 250 Millimetres	
Heating				
8.27	Cargo/slop tanks fitted with a cargo heating system?	Type	Coiled	Material
	Cargo Tanks:	THERMAL OIL	Yes	Mildsteel
	Slop Tanks:	THERMAL OIL	Yes	Mildsteel
8.28	Maximum temperature cargo can be loaded/maintained:		80.0 °C / 176.0 °F	
8.28.1	Minimum temperature cargo can be loaded/maintained:			

Inert Gas and Crude Oil Washing						
8.29	Is an Inert Gas System (IGS) fitted/operational?				Yes/Yes	
8.29.1	Is a Crude Oil Washing (COW) installation fitted/operational?				N/A/N/A	
8.30	Is IGS supplied by flue gas, inert gas (IG) generator and/or nitrogen:				IG Generator	
Cargo Pumps						
8.31	How many cargo pumps can be run simultaneously at full capacity:					6
8.32	Pumps		No.	Type	Capacity	At What Head (sg=1.0)
	Cargo Pumps:		8 14	Centrifugal Centrifugal	300 M3/HR 200 M3/HR	
	Cargo Eductors:					
	Stripping:					
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:					
	Main deck fwd:					
	Main deck aft:					
	Poop deck:					
9.3	Ropes (on drums)	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	4	52 Millimetres	Combination of polypropylene&polyester A.T.	220 Metres	48 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	4	52 Millimetres	Combination of polypropylene&polyester A.T.	220 Metres	48 Metric Tonnes
9.4	Other lines	No.	Diameter	Material	Length	Breaking Strength
	Forecastle:	5	52 Millimetres	Combination of polypropylene&polyester A.T.	220 Metres	50 Metric Tonnes
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	5	52 Millimetres	Combination of polypropylene&polyester A.T.	220 Metres	53.50 Metric Tonnes
9.5	Winches	No.	No. Drums	Motive Power	Brake Capacity	Type of Brake
	Forecastle:	2	Double Drums	ELECTRO HYDRAULIC	33.50 Metric Tonnes	
	Main deck fwd:					
	Main deck aft:					
	Poop deck:	2	Double Drums	ELECTRO HYDRAULIC	33.50 Metric Tonnes	
9.6	Bitts, closed chocks/fairleads		No. Bitts	SWL Bitts	No. Closed Chocks	SWL Closed Chocks
	Forecastle:		6	32 Metric Tonnes	13	32 Metric Tonnes
	Main deck fwd:		2	32 Metric Tonnes	2	32 Metric Tonnes
	Main deck aft:		4	16 Metric Tonnes	4	26 Metric Tonnes
	Poop deck:		4	32 Metric Tonnes	11	32 Metric Tonnes
Anchors/Emergency Towing System						
9.7	Number of shackles on port/starboard cable:				10/10	
9.8	Type/SWL of Emergency Towing system forward:					

9.9	Type/SWL of Emergency Towing system aft:		
Escort Tug			
9.10	What is size/SWL of closed chock and/or fairleads of enclosed type on stern:		32 Metric Tonnes
9.11	What is SWL of bollard on poop deck suitable for escort tug:		32 Metric Tonnes
Lifting Equipment/Gangway			
9.12	Derrick/Crane description (Number, SWL and location):	Cranes: 1 x 7 Tonnes	
9.13	Accommodation ladder direction:		
	Does vessel have a portable gangway? If yes, state length:		,
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:		
9.16	State type/SWL of chain stopper(s):		
9.17	What is the maximum size chain diameter the bow stopper(s) can handle:		
9.18	Distance between the bow fairlead and chain stopper/bracket:		
9.19	Is bow chock and/or fairlead of enclosed type of OCIMF recommended size (600mm x 450mm)? If not, give details of size:		

10.	**PROPULSION**			
10.1	Speed		Maximum	Economical
	Ballast speed:		13.50 Knots (WSNP)	12 Knots (WSNP)
	Laden speed:		13 Knots (WSNP)	11 Knots (WSNP)
10.2	What type of fuel is used for main propulsion/generating plant:		IFO 380	G.O.
10.3	Type/Capacity of bunker tanks:		Fuel Oil: 732.90 Cu. Metres Diesel Oil: 92 Cu. Metres Gas Oil:	
10.4	Is vessel fitted with fixed or controllable pitch propeller(s):		Controllable	
10.5	Engines	No	Capacity	Make/Type
	Main engine:	1	5,940 Kilowatt	WARTSILA / 9L38
	Aux engine:	3	930 Kilowatt	WARTSILA / 6L2O
	Power packs:	3	535 Cu. Metres	FRAMO/A4V35
	Boilers:	3		WIESLOCH/RMS70/ 2-A WIESLOCH/R MS8 WIESLOCH/EX V6-34-
Bow/Stern Thruster				
10.6	What is brake horse power of bow thruster (if fitted):		Yes, 680 bhp	
10.7	What is brake horse power of stern thruster (if fitted):		No,	
Emissions				
10.8	Main engine IMO NOx emission standard:			
10.9	Energy Efficiency Design Index (EEDI) rating number:			

11.	**SHIP TO SHIP TRANSFER**	
11.1	Does vessel comply with recommendations contained in OCIMF/ICS Ship To Ship Transfer Guide (Petroleum, Chemicals or Liquified Gas, as applicable)?	Yes
11.2	What is maximum outreach of cranes/derricks outboard of the ship's side:	2 Metres
11.3	Date/place of last STS operation:	

12.	**RECENT OPERATIONAL HISTORY**	
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, Grounding: No, Casualty: No,

		Repair: , Collision: No,
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 details:	
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.*	
12.6	Date/Place of last SIRE inspection:	/
12.7	Additional information relating to features of the ship or operational characteristics:	