

FOSFA COMBINED MASTERS CERTIFICATE

Ship	<u>M/T BARBAROS ULUC VARDAL</u>	Voyage No	<u>05/2024</u>
Year Built	<u>2003</u>	Official No	<u>3E2764</u>
Owners	<u>Moon Star Shipping CO LTD</u>	Operator	<u>Veysel Vardal Gemicilik Denizcilik ve Ticaret Anonim Sikreti</u>
In respect of carriage of (tonnage)	<u>5200,000</u>	Description	<u>STANDARD CRUDE SUNFLOWERSEED OIL, UKRAINIAN OR EU ANY ORIGIN LOADED AT EU PORT</u>
Loaded/Ex Transhipment at	<u>ODESA, UKRAINE</u> (Load Port)	For shipment to	<u>CARBONERAS, ALMERIA, SPAIN</u> (Discharge Port)
In Ships Tanks No(s)	<u>1P,2P,3P,4P,5P,1S,2S,3S,4S,5S</u>		
*Shippers/Charterers	<u>SUNOLTA OU HARJU MAAKOND, TALLINN, KESKLINNA LINNAOSA, JOE TN 4C, 10151 ESTONIA</u>		

I state that -

- The above named vessel is classed with (Society) Bureau Veritas Certificate No. ITB0/UER/20230217104513-E1 issued at ISTANBUL dated 17.10.2022 which currently remains in force.
The oil tight integrity of all cargo compartments is a condition of such the oil classification.
- The named ship complies with the FOSFA Qualifications and Operational Procedures for Ships Engaged in the Carriage of Oils and Fats in Bulk for Edible and Oleo-Chemical use.
- Tank heating is by ~~*immersed coils/heat exchanger~~. Coils, tubes and shell as applicable are of stainless steel construction, and were tested on 22.04.2024 (date) to not less than 7.5 ~~kPa~~ / bars for a period of 15 minutes and found tight.
- Copper and its alloys such as brass, bronze or gun metal are not present in any part of the system installation and means of transport that has contact with the oils or fats.
- Tank access/cleaning hatches are staunch and tight with suitable packing and gaskets compatible with the cargo.
- All internal structural members are self-draining.
- Tank(s) is (are) ~~*mild steel/mild steel coated/stainless steel construction~~.
- Where applicable tank coating(s) is (are) MARINE LINE which is (are) fit for food products/carriage of oils and fats.
- In the tank heating system, heating medium is ~~*hot water~~, steam.
- ~~For contamination control purposes, if the vessel also has a thermal heating fluid system, the thermal heating fluid is~~ n/a
- Cargo lines are ~~*stainless steel/mild steel~~ with sufficient drain valves to ensure complete clearing and draining of the system.
- The tank(s) has (have) not contained, as the last three cargoes, any leaded products.
- Cargo History - the previous cargoes were as follows:

Ships Tanks No	Last Cargo	Second Last Cargo	Third Last Cargo
1P	SUNFLOWER SEED OIL %92	SUNFLOWER SEED OIL %93	MOLASSES %67
1S	SUNFLOWER SEED OIL %93	SUNFLOWER SEED OIL %93	MOLASSES %67
2P	SUNFLOWER SEED OIL %93	SUNFLOWER SEED OIL %93	CRUDE SUNFLOWER SEED OIL %93
2S	SUNFLOWER SEED OIL %93	SUNFLOWER SEED OIL %94	CRUDE SUNFLOWER SEED OIL %93
3P	SUNFLOWER SEED OIL %92	SUNFLOWER SEED OIL %92	CRUDE SUNFLOWER SEED OIL %91
3S	SUNFLOWER SEED OIL %93	SUNFLOWER SEED OIL %93	CRUDE SUNFLOWER SEED OIL %91
4P	SUNFLOWER SEED OIL %86	SUNFLOWER SEED OIL %87	MOLASSES %65
4S	SUNFLOWER SEED OIL %87	SUNFLOWER SEED OIL %85	MOLASSES %65
5P	SUNFLOWER SEED OIL %80	SUNFLOWER SEED OIL %79	HOSSO %76
5S	SUNFLOWER SEED OIL %80	SUNFLOWER SEED OIL %78	HOSSO %73

In the event that a cargo was less than 60% of volume of the tank, such cargo to be recorded but is not to be considered a qualifying previous cargo. Such cargo not to be a product on the FOSFA List of Banned Immediate Previous Cargoes or to be a product on the FOSFA List of Acceptable Previous Cargoes; whichever list to apply, dictated by the sales contract.

- Subject tanks have been cleaned after immediate previous cargoes using cleaning methods as noted below:

- BW WITH MOD(35C) SW FOR 1 HOUR;**
- BW WITH HOT(75C) SW FOR 2 HOURS;**
- BW WITH AMBIENT FW FOR 12 MINUTES;**
- EJECTING, DRYING, MOPPING;**
- VENTILATION FOR 2.5 HOURS;**

- Subject tank ~~were~~ / were not ~~*re-coated~~ / passivated prior to loading.

All information in the Combined Masters Certificate obtained from the vessel representative is the sole responsibility of the vessel.

Signed

Ship M/T BARBAROS ULUC VARDAL
Date 23.04.2024

*Delete which is inapplicable.

*Captain/Chief Officer

