



INTERIM DOCUMENT OF COMPLIANCE FOR THE CARRIAGE OF SOLID BULK CARGOES (IMSBC CODE)

Cert. Nr.: PHRS/IMSBC_INT/523704931/12757/040324

Issued under the provisions of the International Maritime Solid Bulk Cargoes (IMSBC) Code, as adopted by Resolution MSC.268(85), as amended,
under the authority of the Government of the

REPUBLIC OF PALAU

by **PHOENIX REGISTER OF SHIPPING**

Name of ship	MARIS
Call Sign	T8A4083
Port of Registry	MALAKAL HARBOR
Gross Tonnage	6178
IMO number	9124897

This is to certify that the ship is suitable for the carriage in bulk of all cargoes listed in Attachment 1 in accordance with the provisions of the International Maritime Solid Bulk Cargoes Code provided that:

1. the relevant construction and equipment are maintained in good order;
2. any cargo should be loaded and distributed in pursuant to information provided in the approved* loading manual and the stability information booklet provided onboard the ship;
3. the nominal specific gravity of any cargo should not exceed the allowable value indicated in the loading manual; and
4. the remaining operational requirements stipulated in the Code, including those stated in General Note on Attachment 2, should be ensured by the ship-Master

This Document of Compliance remains valid until **03 May 2024** , subject to periodical inspections.

Completion date of the survey on which this certificate is based: **04 October 2023** .

Issued at **Istanbul, Turkey** on **04 March 2024** .



For Validation Scan QR Code or Check link:
<https://eservices.phrs.gr/vdt/cert/f5718e33-09d1-40c8-a70f-fc96e1fbcaf9>

For the
PHOENIX REGISTER OF SHIPPING
Sergey Gudko / 204
The attending Surveyor

This certificate is digitally signed according to IMO Guidelines for the Use of Electronic Certificates (FAL.5/Circ.39/Rev.2).

¹ Applicable to ships of over 150 metres in length.

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Attachment 1
List of cargoes permitted to be carried

BULK CARGO SHIPPING NAME	UN No.	IMO Class	Group	REMARKS
ALFALFA			C	
ALUMINA			C	
ALUMINA, CALCINED			C	
ALUMINA HYDRATE		MHB	A and B	11, 12
ALUMINA SILICA			C	
ALUMINA SILICA, pellets			C	
ALUMINIUM FERROSILICON POWDER	1395	4.3	B	1, 3, 4, 8, 9, 11, 15, 20, 21
ALUMINIUM FLUORIDE			A	
ALUMINIUM NITRATE	1438	5.1	B	11, 12, 19, 20, 21
ALUMINIUM SILICON POWDER, UNCOATED	1398	4.3	B	1, 3, 4, 8, 9, 11, 15, 20, 21
ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	3170	4.3	B	1, 3, 4, 8, 9, 11, 15, 20, 21
ALUMINIUM SMELTING / REMELTING BY- PRODUCTS, PROCESSED		MHB	A and B	3, 4, 8, 13, 18
AMMONIUM NITRATE	1942	5.1	B	1, 4, 11, 12, 15, 16, 19, 20, 21
AMMONIUM NITRATE BASED FERTILIZER			C	4, 15
AMMONIUM NITRATE BASED FERTILIZER MHB		MHB	B	1, 2, 3, 4, 11, 12, 15, 16 or 17, 19, 21
AMMONIUM NITRATE BASED FERTILIZER	2067	5.1	B	1, 4, 11, 12, 15, 16 or 17, 19, 20, 21
AMMONIUM NITRATE BASED FERTILIZER	2071	9	B	1, 4, 11, 12, 15, (16 or 17), 19, 20, 21
AMMONIUM SULPHATE			C	
AMORPHOUS SODIUM SILICATE LUMPS		MHB	B	
ANTIMONY ORE AND RESIDUE			C	
BARIUM NITRATE	1446	5.1	B	6, 11, 12, 19, 20, 21
BARYTES			C	
BAUXITE			C	
BAUXITE FINES			A	
BIOSLUDGE			C	
BORAX (PENTAHYDRATE CRUDE)			C	
BORAX, ANHYDROUS, crude or refined			C	
BORIC ACID			B	
BROWN COAL BRIQUETTES			B	2, 6, 11, 15, 20
BRUCITE			C	
CALCIUM FLUORIDE CALCIUM SULPHATE, CALCIUM CARBONATE MIXTURE			A	

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BULK CARGO SHIPPING NAME	UN No.	IMO Class	Group	REMARKS
CALCIUM NITRATE	1454	5.1	B	11, 12, 19, 20, 21
CALCIUM NITRATE FERTILIZER			C	20
CARBORUNDUM			C	
CASTOR BEANSa	2969	9	B	6, 11, 12 18, 21
CEMENT			C	
CEMENT CLINKERS			C	
CHAMOTTE			C	
CHARCOAL		MHB	B	18
CHEMICAL GYPSUM			A	
CHLORITE			C	
CHOPPED RUBBER AND PLASTIC INSULATION			C	18b
CHROME PELLETS			C	
CHROMITE ORE			C	
CLAM SHELL			C	
CLAY			C	
CLINKER ASH		MHB	A and B	12
COAL		MHB	A and B	2, 6, 11, 15, 20
COAL SLURRY			A	5
COAL TAR PITCH		MHB	B	12
COARSE CHOPPED TYRES			C	18b
COARSE IRON AND STEEL SLAG AND ITS MIXTURE			C	
COKE			C	
COKE BREEZE			A	
COLEMANITE			C	
COPPER CONCENTRATE			A	
COPPER GRANULES			C	
COPPER MATTE			C	
COPPER SLAG			A	
COPRA (dry)	1363	4.2	B	1, 4, 6, 18, 20, 21
CRUSHED CARBON ANODES			C	
CRYOLITE			C	
DIAMMONIUM PHOSPHATE (D.A.P.)			C	
DIRECT REDUCED IRON, (A) Briquettes, hot-moulded		MHB	B	2, 4, 6, 10, 15
DIRECT REDUCED IRON, (B) Lumps, pellets, cold- moulded briquettes (c)		MHB	B	2, 4, 15, 18
DIRECT REDUCED IRON, (C) (By-product fines) c		MHB	B	2, 4, 11, 15, 18
DISTILLERS DRIED GRAINS WITH SOLUBLES			C	
DOLOMITE			C	
FELSPAR LUMP			C	
FERROCHROME			C	
FERROCHROME, exothermic			C	

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BULK CARGO SHIPPING NAME	UN No.	IMO Class	Group	REMARKS
FERROMANGANESE			C	
FERRONICKEL			C	
FERRONICKEL SLAG (granulated)			C	
FERROPHOSPHORUS (including briquettes)		MHB	B	8, 9, 11, 15
FERROSILICON with 30% or more but less than 90% silicon (including briquettes)	1408	4.3	B	1, 3, 4, 8, 9, 11, 12, 13, 14, 15, 21
FERROSILICON with at least 25% but less than 30% silicon, or 90% or more silicon		MHB	B	3, 4, 8, 9, 11, 13, 14, 15
FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS	2793	4.2	B	1, 4, 11, 18, 21
FERROUS SULPHATE HEPTAHYDRATE			C	
FERTILIZERS WITHOUT NITRATES (non-hazardous)			C	
FISH (IN BULK)			A	
FISHMEAL (FISHSCRAP), STABILIZED	2216	9	B	6, 11, 18, 21
FLUE DUST, CONTAINING LEAD AND ZINC		MHB	A and B	11, 12
FLY ASH, DRY			C	
FLY ASH, WET			A	
FOAM GLASS GRAVEL			C	
GLASS CULLET			C	
GRAIN SCREENING PELLETS			C	
GRANULAR FERROUS SULPHATE			C	
GRANULATED NICKEL MATTE (LESS THAN 2% MOISTURE CONTENT)		MHB	B	11, 12
GRANULATED SLAG			C	
GLASS CULLET			C	
GRAIN SCREENING PELLETS			C	
GRANULAR FERROUS SULPHATE			C	
GRANULATED NICKEL MATTE (LESS THAN 2% MOISTURE CONTENT)		MHB	B	11, 12
GRANULATED SLAG			C	
GRANULATE TYRE RUBBER			C	18b
GYPHUM			C	
GYPHUM GRANULATED			C	
ILMENITE CLAY			A	
ILMENITE (ROCK)			C	
ILMENITE SAND			A	
ILMENITE (UPGRADED)			A	
IRON AND STEEL SLAG AND ITS MIXTURE			A	
IRON ORE			C	
IRON ORE FINES			A	
IRON ORE PELLETS			C	
IRON OXIDE, SPENT or IRON SPONGE, SPENT	1376	4.2	B	1, 6, 11, 12, 15, 18, 21
IRON OXIDE TECHNICAL			A	

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BULK CARGO SHIPPING NAME	UN No.	IMO Class	Group	REMARKS
IRON SINTER			C	
IRON SMELTING BY-PRODUCTS			C	
IRONSTONE			C	
LABRADORITE			C	
LEACH RESIDUE CONTAINING LEAD		MHB	A and B	11, 12
LEAD NITRATE	1469	5.1	B	5, 11, 12, 19, 21
LEAD ORE			C	
LIME (UNSLAKED)		MHB	B	
LIMESTONE			C	
LINTED COTTON SEED		MHB	B	11, 18
MAGNESIA (DEADBURNED)			C	
MAGNESIA (UNSLAKED)		MHB	B	
MAGNESITE, natural			C	
MAGNESIUM NITRATE	1474	5.1	B	11, 12, 19, 21
MAGNESIUM SULPHATE FERTILIZERS			C	
MANGANESE COMPONENT FERROALLOY SLAG			C	
MANGANESE ORE			C	
MANGANESE ORE FINES			A	
MARBLE CHIPS			C	
MATTE CONTAINING COPPER AND LEAD		MHB	B	11, 12
METAL SULPHIDE CONCENTRATES		MHB	A and B	11, 18h
METAL SULPHIDE CONCENTRATES, CORROSIVE	1759	8	A and B	11, 12, 18h, 21
METAL SULPHIDE CONCENTRATES, SELF-HEATING	3190	4.2	A and B	1, 11, 12, 18, 21
MINERAL CONCENTRATES			A	
MONOAMMONIUM PHOSPHATE (M.A.P.)			C	
MONOAMMONIUM PHOSPHATE (M.A.P.), MINERAL ENRICHED COATING		MHB	B	11, 12
MONOCALCIUMPHOSPHATE (MCP)		MHB	A and B	11, 12
NICKEL ORE			A	
OLIVINE SAND			A	
OLIVINE GRANULAR AND GRAVEL AGGREGATE PRODUCTS			C	
PEANUTS (in shell)			C	
PEAT MOSS		MHB	A and B	6
PEBBLES (sea)			C	
PELLETS (concentrates)			C	
PERLITE ROCK			C	
PETROLEUM COKE (calcined or uncalcined)		MHB	B	11, 12
PHOSPHATE (defluorinated)			C	
PHOSPHATE ROCK (calcined)			C	
PHOSPHATE ROCK (uncalcined)			C	
PIG IRON			C	

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BULK CARGO SHIPPING NAME	UN No.	IMO Class	Group	REMARKS
PITCH PRILL		MHB	B	6, 11, 12
POTASH			C	
POTASSIUM CHLORIDE			C	
POTASSIUM NITRATE	1486	5.1	B	11, 12, 19, 21
POTASSIUM SULPHATE			C	
PUMICE			C	
PYRITE (containing copper and iron)			C	
PYRITES, CALCINED (Calcined Pyrites)		MHB	A and B	
PYROPHYLLITE			C	
QUARTZ			C	
QUARTZITE			C	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I)	2912	7	B	11, 12
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I)	2913	7	B	11, 12
RASORITE (ANHYDROUS)			C	
RUTILE SAND			C	
SALT			C	
SALT CAKE			C	
SAND			C	
SAND, HEAVY MINERAL			A	
SAND, MINERAL CONCENTRATE, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I)	2912	7	A and B	11, 12
SAWDUST		MHB	B	6, 18
SCALE GENERATED FROM THE IRON AND STEEL MAKING PROCESS			A	
SCRAP METAL			C	1, 11, 18
SEED CAKE (a)	1386	4.2	B	1, 11, 18, 21
SEED CAKE (b)	1386	4.2	B	1 d, 4, 6, 10, 11, 15 d, 18, 21
SEED CAKE	2217	4.2	B	1, 4, 6, 10, 11, 15, 18, 21
SEED CAKES AND OTHER RESIDUES OF PROCESSED OILY VEGETABLES		MHB	B	6, 10, 11, 15, 21
SEED CAKES AND OTHER RESIDUES OF PROCESSED OILY VEGETABLES			C	
SILICOMANGANESE (carbo-thermic)			C	
SILICOMANGANESE (low carbon)		MHB	B	4, 7, 9, 11, 15
SILICON SLAG			C	
SODA ASH			C	
SODIUM NITRATE	1498	5.1	B	11, 12, 19, 21
SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	1499	5.1	B	11, 12, 19, 21
SOLIDIFIED FUELS RECYCLED FROM PAPER AND PLASTICS		MHB	B	12, 18
SPODUMENE (UPGRADED)			A	

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BULK CARGO SHIPPING NAME	UN No.	IMO Class	Group	REMARKS
STAINLESS STEEL GRINDING DUST			C	
STONE CHIPPINGS			C	
SUGAR			C	
SUGARCANE BIOMASS PELLETS		MHB	B	11, 18
SULPHATE OF POTASH AND MAGNESIUM			C	
SULPHUR (formed, solid)			C	6
SULPHUR (crushed lump and coarse grained)e	1350	4.1	B	1, 4, 6, 10, 11, 15, 21
SUPERPHOSPHATE			C	
SUPERPHOSPHATE (triple, granular)		MHB	B	11, 12
SYNTHETIC CALCIUM FLUORIDE			A	
SYNTHETIC SILICON DIOXIDE			A	
TACONITE PELLETS			C	
TALC			C	
TANKAGE		MHB	B	11, 18
TAPIOCA			C	
TITANOMAGNETITE SAND			A	
UREA			C	
VANADIUM ORE		MHB	B	11
VERMICULITE			C	
WHITE QUARTZ			C	
WOODCHIPS		MHB	B	11, 18f
WOOD PELLETS CONTAINING ADDITIVES AND/OR BINDERS		MHB	B	11, 18
WOOD PELLETS NOT CONTAINING ANY ADDITIVES AND/OR BINDERS		MHB	B	11
WOOD PRODUCTS - GENERAL		MHB	B	6
WOOD TORREFIED		MHB	B	11
ZINC ASHES	1435	4.3	B	1, 4, 8, 9, 11, 12, 15, 18, 21
ZINC OXIDE ENRICHED FLUE DUST		MHB	A and B	11, 12
ZINC SLAG			C	
ZIRCON KYANITE CONCENTRATE			A	
ZIRCON SAND			C	

Notes:

- CASTOR MEAL, CASTOR POMACE and CASTOR FLAKE shall not be carried in bulk.
- For the planned voyage not exceeding 5 days from the commencement of loading to the completion of discharge, the ship may be exempted from the requirements of FFEA.
- Consideration shall be given to providing the ship with the means to top up the cargo spaces with additional supplies of inert gas taking into account the duration of the voyage. The ship's fixed CO₂ fire extinguishing system shall not be used for this purpose.
- Only applicable to Seedcake containing solvent extractions only.
- Fine grained sulphur (flowers of sulphur) shall not be transported in bulk.
- With moisture content of 15% or more, the ship may be exempted from the requirements of FFEA.
- Only suitable wire mesh guards are required.
- Except Metal Sulphide Concentrates considered as presenting a low fire-risk.

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Attachment 2

Remarks:

1. Bulkheads to the engine room are to be insulated to A-60 standard or to be isolated by the spaces (e.g. FOT, DOT, Void Space).
2. Boundaries of components are to be resistant to fire and passage of water.
3. Bulkheads to the engine room are to be of gastight.
4. "NO SMOKING" signs are to be posted on decks and in areas adjacent to cargo compartments.
5. Natural ventilation system is to be provided for cargo holds.
6. Natural ventilation system is to be provided for cargo holds.
7. Mechanical ventilation system is to be provided for cargo holds.
8. At least two mechanical ventilation fans are to be provided for cargo holds. The total ventilation is to be at least six air changes per hour. Ventilation openings are to comply with the requirements of the Load Line Convention as amended for openings not fitted with means of closure. The height of coaming is to be equal to or more than regulated height (Position 1: 4.5 m, Position 2: 2.3 m).
9. Ventilation fans are to be safe for use in a flammable atmosphere.
10. Spark-arresting screens (wire mesh guards with max. 13mm X 13mm) are to be fitted to ventilation openings.
11. Two self-contained breathing apparatuses with 200% spare cylinders are to be additionally provided.
12. Four sets of protective clothing which consists of a pair of gloves, boots, a protective clothing and helmet with goggles are to be additionally provided.
13. In case where bilge lines are led to machinery space, bilge line is to be isolated either by fitting a blank flange or by a closed lockable valve.
14. A notice is to be placed adjacent to the valve warning against opening without the master's permission.
15. Not suitable explosion protected type electrical equipment are to be disconnected (by removal of links in the system, other than fuses) from the power source at a point external to the space.
16. The means to disconnect heating arrangements for the tank(s) are to be provided.
17. The means to monitor and control the temperature of boundary between the tank(s) and cargo space loading the cargo so that it does not exceed 50°C are to be provided.
18. Fixed CO2 fire extinguishing system for cargo holds are required by SOLAS Reg.II-2/10.7.1.3.
19. Fixed gas fire-extinguishing system is ineffective and for which a fixed fire-extinguishing system giving equivalent protection shall be available. According to the Unified Interpretation of IMO, water supplies defined in SOLAS Reg.II-2/19.3.1.2 are considered as the alternative of a fixed gas fire-extinguishing system in cargo spaces.
20. Suitable means for measuring Methane, Oxygen, Carbon monoxide, etc. in cargo spaces without entry into such spaces are to be provided.
21. Requirements of SOLAS Reg.II-2/54.2 (Reg.II-2/19.3 on or after 2000 amendments) should be met accordingly.