



INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

Cert. Nr.: PHRS/IAPPC INT/523704931/12757/040324

Issued under the provisions of the Protocol of 1997, as amended
to amend the International Convention for the Prevention of Pollution from Ships, 1973,
as modified by the Protocol of 1978 related thereto
(hereinafter referred to as "the Convention")
under the authority of the Government of:

REPUBLIC OF PALAU

by **PHOENIX REGISTER OF SHIPPING**

Name of ship: MARIS
.....
Distinctive number or letters: T8A4083
.....
Port of registry: MALAKAL HARBOR
.....
Gross tonnage: 6178
.....
IMO Number ⁽¹⁾: 9124897
.....

THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with regulation 5 of Annex VI of the Convention; and
2. That the survey shows that the equipment, systems, fittings, arrangements and material fully comply with the applicable requirements of Annex VI of the Convention.

Completion date of the survey on which this certificate is based: **04.10.2023**.

This Certificate is valid until **03 May 2024** , subject to surveys in accordance with regulation 4 of Annex IV of the Convention.

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

INTERIM ⁽²⁾
CONDITIONAL



For Validation Scan QR Code or Check link:
<https://eservices.phrs.gr/vdt/cert/d8818f2d-e5ad-4fa2-ace8-0e3df5a595a2>

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⁾ In accordance with IMO ship identification number scheme (resolution A.1117(30))

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SUPPLEMENT TO THE INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE

RECORD OF CONSTRUCTION AND EQUIPMENT

Notes:

- This Record shall be permanently attached to the IAPP Certificate. The IAPP Certificate shall be available on board the ship at all times.
- The Record shall be at least in English, French or in Spanish. If an official language of the issuing country is also used, this shall prevail in case of a dispute or discrepancy.
- Entries in boxes shall be made by inserting either a cross (X) for the answers "Yes" and "Applicable" or a dash (-) for the answers "No" and "Not Applicable", as appropriate.
- Unless otherwise stated, regulations mentioned in this Record refer to regulations of Annex VI of the Convention and resolutions or circulars refer to those adopted by the International Maritime Organisation.

1. PARTICULARS OF SHIP

- 1.1. Name of ship **MARIS**
- 1.2. IMO No. **9124897**
- 1.3. Date on which keel was laid or ship was at a similar stage of construction **06/07/1995**
- 1.4. Length (L)# metres **-**

Completed only in respect of ship's constructed on or after 1 January 2016, that are specially designed, and used solely, for recreational purposes and to which, in accordance with regulation 13.5.2.1 and regulation 13.5.2.3, the NOx emission limit as given by regulation 13.5.1.1 will not apply.

2. CONTROL OF EMISSIONS FROM SHIPS

2.1 Ozone-depleting substances (regulation 12)

- 2.1.1 The following fire-extinguishing systems, other systems and equipment containing ozone depleting substances, other than hydro-chlorofluorocarbons, installed before 19 May 2005 may continue in service:

System equipment	Location on board	Substance
-	-	-

- 2.1.2 The following systems and equipment containing hydro-chlorofluorocarbons (HCFCs) installed before 1 January 2020 may continue in service:

System equipment	Location on board	Substance
Reefer unit provision chamber	Ref.Space in S/Gear Room	R-407 C
Air-con unit for accommodation	Air-con Room	R-407 C
Air-con unit for E.C.R.	E.C. Room	R-407 C
Air-con for Wheel House	Bridge	R-407 C

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2.2 Nitrogen oxides (NOx) (regulation 13)

- 2.2.1 The following marine diesel engines installed on this ship comply with the applicable emission limit of regulation 13 in accordance with the revised NOx Technical Code 2008:

Applicable regulation of MARPOL Annex VI (NTC = NOX Technical Code 2008) (AM = Approved Method)		Engine #1	Engine #2	Engine #3	Engine #4	Engine #5	Engine #6
1.	Manufacturer and model	-	-	-	-	-	-
2.	Serial number	-	-	-	-	-	-
3.	Use (applicable application cycle(s) – NTC 3.2)	-	-	-	-	-	-
4.	Rated power (kW) (NTC 1.3.11)	-	-	-	-	-	-
5.	Rated speed (RPM) (NTC 1.3.12)	-	-	-	-	-	-
6.	Identical engine installed ≥ 1/1/2000 exempted by 13.1.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Identical engine installation date (dd/mm/yyyy) as per 13.1.1.2	-	-	-	-	-	-
8a.	Major Conversion (dd/mm/yyyy)	13.2.1.1 & 13.2.2	-	-	-	-	-
8b.		13.2.1.2 & 13.2.3	-	-	-	-	-
8c.		13.2.1.3 & 13.2.3	-	-	-	-	-
9a.	Tier I	13.3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9b.		13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9c.		13.2.3.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9d.		13.2.3.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9e.		13.7.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10a.	Tier II	13.4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10b.		13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10c.		13.2.2 (Tier III not possible)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10d.		13.2.3.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10e.		13.5.2 (Exemptions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10f.		13.7.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11a.	Tier III (ECA-NOx only)	13.5.1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11b.		13.2.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11c.		13.2.3.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11d.		13.7.1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12a.	AM*	installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12b.		not commercially available at this survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12c.		not applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Refer to the 2014 Guidelines on the approved method process (resolution MEPC.243(66))

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2.3 Sulphur oxides (SOx) and particulate matter (regulation 14)

2.3.1 When the ship operates outside of an emission control area specified in regulation 14.3, the ship uses::

.1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of 0.50% m/m, and/or

.2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in paragraph 2.6 that is at least as effective in terms of SOX emission reductions as compared to using a fuel oil with a sulphur content limit value of 0.50% m/m

2.3.2. When the ship operates inside an emission control area specified in regulation 14.3, the ship uses:

.1 fuel oil with a sulphur content as documented by bunker delivery notes that does not exceed the limit value of 0.10% m/m, and/or

.2 an equivalent arrangement approved in accordance with regulation 4.1 as listed in paragraph 2.6 that is at least as effective in terms of SOX emission reductions as compared to using a fuel oil with a sulphur content limit value of 0.10% m/m

2.3.3. For a ship without an equivalent arrangement approved in accordance with regulation 4.1 as listed in paragraph 2.6, the sulphur content of fuel oil carried for use on board the ship shall not exceed 0.50% m/m as documented by bunker delivery notes

2.3.4. The ship is fitted with designated sampling point(s) in accordance with regulation 14.10 or 14.11

2.3.5. In accordance with regulation 14.12, the requirement for fitting or designating sampling point(s) in accordance with regulation 14.10 or 14.11 is not applicable for a fuel oil service system for a low-flashpoint fuel for combustion purposes for propulsion or operation on board the ship

2.4. Volatile organic compounds (VOCs) (regulation 15)

2.4.1. The tanker has a vapour collection system installed and approved in accordance with MSC/Circ. 585.:

2.4.1.2. For a tanker carrying crude oil, there is an approved VOC Management Plan

2.4.2.2. VOC Management Plan approval reference:

2.5. Shipboard incinerator (Regulation 16)

The ship has an incinerator:

.1 Installed on or after 1 January 2000 which complies with resolution MEPC.76(40) as amended

.1 Resolution MEPC.76(40), as amended*

.2 Resolution MEPC.244(66)

2.5.2. Installed before 1 January 2000 which complies with:

.1 Resolution MEPC. 59(33), as amended**

.2 Resolution MEPC.76(40), as amended*

* As amended by resolution MEPC.93(45)

** As amended by resolution MEPC.92(45)

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2.6. Equivalents (Regulation 4)

The ship has been allowed to use the following fitting, material, appliance or apparatus to be fitted in a ship or other procedures, alternative fuel oils, or compliance methods used as an alternative to that required by this Annex:

System or equipment	Equivalent used	Approval reference
-	-	-

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at Istanbul, turkey, on 04 March 2024 .

For the
PHOENIX REGISTER OF SHIPPING

Sergey Gudko / 204

The attending Surveyor