

INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

(Note: This Certificate shall be supplemented by a Record of Construction and Equipment)

Issued under the provisions of the

INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973

As modified by the Protocol of 1978, relating thereto, (hereinafter referred to as "the Convention") under the authority of the Government of:



THE UNITED STATES OF AMERICA

By the

UNITED STATES COAST GUARD

Name of ship	Distinctive number or letters	Port of Registry	Gross Tonnage	Deadweight of ship (tons) ⁺	IMO Number ^{**}
MAKANI LOA	1343931	Honolulu, Hawaii	14052	-	-

Type of Ship:

- Oil Tanker (Form B Supplement attached)
- Ship other than an oil tanker with cargo tanks coming under regulation 2.2 of Annex I of the Convention (Form B Supplement attached)
- Ship other than any of the above (Form A Supplement attached)

THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with the requirements of regulation 6 of Annex I of the Convention; and
2. That the survey shows that the structure, equipment, systems, fittings, arrangement and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

This certificate is valid until *: 18Mar2029 **subject to surveys in accordance with the regulation 6 of Annex I of the Convention.**

Issued at Seattle, Washington

18Mar2024 (Date of issue) *[Signature]* (Place of issue)
K. M. MOODY, CDR, USCG, By Direction
(Officer in Charge, Marine Inspection, U.S. Coast Guard)



+ For oil tankers
 ++ Refer to the IMO Ship Identification Number Scheme adopted by the Organization by resolution A.600(15).
 * Insert the date of expiry as specified by the Administration in accordance with regulation 10.1 of Annex I of the Convention. The day and the month of this day corresponds to the anniversary date as defined in regulation 1.27 of Annex I of the convention, unless amended in accordance with regulation 10.8 of Annex I of the convention.

The Coast Guard estimates that the average burden for this report is 5 minutes. You may submit any comments concerning the accuracy of this burden estimate or any suggestions for reducing the burden to: Commandant (CG-CVC), U.S. Coast Guard, 2100 2nd Street SW Stop 7581, Washington, DC 20593-7581 or Office of Management and Budget, Paperwork Reduction Project (1625-0017), Washington, DC 20503.

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Issued under the provisions of the

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As modified by the Protocol of 1978, relating thereto, (hereinafter referred to as "the Convention") under the authority of the Government of:



THE UNITED STATES OF AMERICA

By the

UNITED STATES COAST GUARD

Name of ship	Distinctive number or letters	Port of Registry	Gross Tonnage	Deadweight of ship (tons) ⁺	IMO Number ⁺⁺
MAKANI LOA	1343941	Honolulu, Hawaii	14052	-	-

Type of Ship:

- Oil Tanker (Form B Supplement attached)
- Ship other than an oil tanker with cargo tanks coming under regulation 2.2 of Annex I of the Convention (Form B Supplement attached)
- Ship other than any of the above (Form A Supplement attached)

THIS IS TO CERTIFY:

1. That the ship has been surveyed in accordance with the requirements of regulation 6 of Annex I of the Convention; and
2. That the survey shows that the structure, equipment, systems, fittings, arrangement and material of the ship and the condition thereof are in all respects satisfactory and that the ship complies with the applicable requirements of Annex I of the Convention.

This certificate is valid until *: 18Mar2029 **subject to surveys in accordance with the regulation 6 of Annex I of the Convention.**

Issued at Seattle, WA

(Place of issue)

18Mar2024

(Date of issue)

K. M. MOODY, CDR, USCG, By Direction
(Officer in Charge, Marine Inspection, U.S. Coast Guard)



+ For oil tankers
 ++ Refer to the IMO Ship Identification Number Scheme adopted by the Organization by resolution A.600(15).
 * Insert the date of expiry as specified by the Administration in accordance with regulation 10.1 of Annex I of the Convention. The day and the month of this day corresponds to the anniversary date as defined in regulation 1.27 of Annex I of the convention, unless amended in accordance with regulation 10.8 of Annex I of the convention.

INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE
ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

THIS IS TO CERTIFY that at a survey required by regulation 6 of Annex I of the Convention the ship was found to comply with the relevant provisions of the Convention.

Annual Survey:



Signed: *RABM*, GS-13

Place: SEATTLE, WA

Date: 22 MAY 2025



Signed: *JH* LTJG HEAGY

Place: SEATTLE, WA

Date: 28 JAN 26



Signed: _____

Place: _____

Date: _____

Annual Survey:



Signed: _____

Place: _____

Date: _____

ANNUAL/INTERMEDIATE SURVEY IN ACCORDANCE WITH REGULATION 10.8.3

THIS IS TO CERTIFY that, at an _____ in accordance with regulation 10.8.3
of Annex I of the Convention, the ship was found to comply with the relevant provisions of
the Convention:



Signed: _____
(Signature of duly authorized official)

Place: _____

Date: _____

**ENDORSEMENT TO EXTEND THE CERTIFICATE IF VALID FOR LESS THAN 5 YEARS
WHERE REGULATION 10.3 APPLIES**

This ship complies with the relevant provisions of the Convention, and this Certificate
shall, in accordance with regulation 10.3 of Annex I of the Convention, be accepted as
valid until: _____



Signed: _____
(Signature of duly authorized official)

Place: _____

Date: _____

**ENDORSEMENT WHERE THE RENEWAL SURVEY HAS BEEN COMPLETED AND
REGULATION 10.4 APPLIES**

This ship complies with the relevant provisions of the Convention, and this Certificate
shall, in accordance with regulation 10.4 of Annex I of the Convention, be accepted as
valid until: _____



Signed: _____
(Signature of duly authorized official)

Place: _____

Date: _____

**ENDORSEMENT TO EXTEND THE VALIDITY OF THE CERTIFICATE UNTIL
REACHING THE PORT OF SURVEY OR FOR A PERIOD OF GRACE WHERE
REGULATION 10.5 OR 10.6 APPLIES**

This Certificate shall, in accordance with regulation _____ of Annex I of the Convention,
be accepted as valid until: _____



Signed: _____
(Signature of duly authorized official)

Place: _____

Date: _____

**ENDORSEMENT FOR ADVANCEMENT OF ANNIVERSARY DATE WHERE
REGULATION 10.8 APPLIES**

In accordance with regulation 10.8 of Annex I of the Convention the new anniversary date is:



Signed: _____
(Signature of duly authorized official)

Place: _____

Date: _____

In accordance with regulation 10.8 of Annex I of the Convention the new anniversary date is:



Signed: _____
(Signature of duly authorized official)

Place: _____

Date: _____

FORM A SUPPLEMENT TO THE INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE (IOPP CERTIFICATE)

Record of Construction and Equipment for Ships other than Oil Tankers
In respect of the provisions of Annex I of the

INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973



As modified by the Protocol of 1978, relating thereto,
(hereinafter referred to as "the Convention")

Notes:

1. This form is to be used for the third type of ship as categorized in the IOPP Certificate, i.e. "ships other than any of the above". For oil tankers and ships other than oil tankers with cargo tanks coming under regulation 2.2 of Annex I of the Convention, Form B shall be used.
2. This Record shall be permanently attached to the IOPP Certificate. The IOPP Certificate shall be available onboard the ship at all times.
3. The language of the original Records shall be at least in English, French or Spanish. If an official language of the issuing country is also used, this shall prevail in case of a dispute or discrepancy.
4. 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.
5. Regulations mentioned in this Record refer to regulations of Annex I of the Convention and resolutions refer to those adopted by the International Maritime Organization.

1. Particulars of ship:

- 1.1 Name of ship: MAKANI LOA
- 1.2 Distinctive number or letters: 1343931
- 1.3 Port of registry: Honolulu, Hawaii
- 1.4 Gross tonnage: 14052 (ITC)
- 1.5 Date of build:
 - 1.5.1 Date of building contract: 09/22/2022
 - 1.5.2 Date on which keel was laid or ship was at a similar stage of construction: 06/07/2023
 - 1.5.3 Date of delivery: 03/08/2024
- 1.6 Major conversion (*if applicable*):
 - 1.6.1 Date of conversion contract: _____
 - 1.6.2 Date on which conversion was commenced: _____
 - 1.6.3 Date of completion of conversion: _____
- 1.7 The ship has been accepted by the Administration as a "ship delivered on or before 31 December 1979" under regulation 1.28.1 due to unforeseen delay in delivery.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The Coast Guard estimates that the average burden per response is 6 minutes. You may submit any comments concerning the accuracy of this burden estimate or any suggestions for reducing the burden to: Commandant (CG-CVC), U.S. Coast Guard Stop 7501, 2703 Martin Luther King Jr Ave SE, Washington, DC 20593-7501 or Office of Management and Budget, Paperwork Reduction Project (1625-0041), Washington, DC 20503.

FORM A, SUPPLEMENT TO THE INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

2. Equipment for the control of oil discharge from machinery space bilge and oil fuel tanks (regulations 12A, 14 and 16):

2A.1 The ship is required to be constructed according to the regulation 12A and complies with the requirements of:

paragraphs 6 and either 7 or 8 (double hull construction)

paragraph 11 (accidental oil fuel outflow performance)

2A.2 The ship is not required to comply with the requirements of regulation 12A.

2.1 Carriage of ballast water in oil fuel tanks:

2.1.1 The ship may under normal conditions carry ballast water in oil fuel tanks

2.2 Type of oil filtering equipment fitted:

2.2.1 Oil filtering (15 ppm) equipment (regulation 14.6)

2.2.2 Oil filtering (15 ppm) equipment with alarm and automatic stopping device (regulation 14.7)..

2.3 Approval standards:*

2.3.1 The separating/filtering equipment:

.1 has been approved in accordance with resolution A.393(X);

.2 has been approved in accordance with resolution MEPC.60(33);

.3 has been approved in accordance with resolution MEPC.107(49);

.4 has been approved in accordance with resolution A.233(VII);

.5 has been approved in accordance with national standards not based upon resolution A.393(X) or A.233(VII);

.6 has not been approved.....

2.3.2 The process unit has been approved in accordance with resolution A.444(XI)

2.3.3 The oil content meter:

.1 has been approved in accordance with resolution A.393(X);

.2 has been approved in accordance with resolution MEPC.60(33);

.3 has been approved in accordance with resolution MEPC.107(49);

2.4 Maximum throughput of the system is _____ m³/h.

2.5 Waiver of regulation 14:

2.5.1 The requirements of regulation 14.1 or 14.2 are waived in respect of the ship in accordance with regulation 14.5

2.5.1.1 The ship is engaged exclusively on voyages within special area(s)

2.5.1.2 The ship is certified under the International Code of Safety for High-Speed Craft and engaged on a scheduled service with a turn-around time not exceeding 24 hours.

* Refer to the Recommendation on international performance and test specifications of oily-water separating equipment and oil content meters adopted by the Organization on 14 November 1977 by resolution A.393(X), which superseded resolution A.233(VII). Further reference is made to the Guidelines and specifications for pollution prevention equipment for machinery space bilges adopted by the Marine Environment Protection Committee of the Organization by resolution MEPC.60(33), which, effective on 6 July 1993, superseded resolutions A.393(X) and A.444(XI) and the revised Guidelines and specifications for pollution prevention equipment for machinery spaces of ships adopted by the Marine Environment Protection Committee of the Organization by resolution MEPC.107(49) which, effective on 1 January 2005, superseded resolutions MEPC.60(33), A.393(X) and A.444(XI).

FORM A, SUPPLEMENT TO THE INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE

2.5.2 The ship is fitted with holding tank(s) for the total retention on board of all oily bilge water as follows:

-

Tank Identification	Tank Location		Volume (m ³)
	Frames (from) – (to)	Lateral Position	
Total Volume:			0.00 m ³

3. Means for retention and disposal of oil residues (sludge) (regulation 12) and oily bilge water holding tank(s)*:

3.1 The ship is provided with oil residue (sludge) tanks for retention of oil residues (sludge) on board as follows:

Tank Identification	Tank Location		Volume (m ³)
	Frames (from) – (to)	Lateral Position	
Total Volume:			0.00 m ³

3.2 Means for the disposal of oil residues (sludge) retained in oil residue (sludge) tanks:

3.2.1 Incinerator for oil residues (sludge), maximum capacity _____ -

3.2.2 Auxiliary boiler suitable for burning oil residues (sludge) -

3.2.3 Other acceptable means, state which _____ -

3.3 The ship is provided with holding tank(s) for the retention on board of oily bilge water as follows:

Tank Identification	Tank Location		Volume (m ³)
	Frames (from) – (to)	Lateral Position	
Total Volume:			0.00 m ³

* Oily bilge water holding tank(s) are not required by the Convention; if such tank(s) are provided they shall be listed in Table 3.3.

**FORM A, SUPPLEMENT TO THE
INTERNATIONAL OIL POLLUTION PREVENTION CERTIFICATE**

4. Standard discharge connection (regulation 13):

4.1 The ship is provided with a pipeline for the discharge of residues from machinery bilges and sludges to reception facilities, fitted with a standard discharge connection in accordance with regulation 13

5. Shipboard oil/marine pollution emergency plan (regulation 37):

5.1 The ship is provided with a shipboard oil pollution emergency plan in compliance with regulation 37.....

5.2 The ship is provided with a shipboard marine pollution emergency plan in compliance with regulation 37.3

6. Exemption:

6.1 Exemptions have been granted by the Administration from the requirements of chapter 3 of Annex I of the Convention in accordance with regulation 3.1 on those items listed under paragraph(s) _____

_____ of this Record.....

7. Equivalentents (regulation 5):

7.1 Equivalentents have been approved by the Administration for certain requirements of Annex I listed under paragraph(s): 2.2, 3, and 4.1 - THE DESIGN OF THIS BARGE IS CONSIDERED EQUIVALENT TO THE REQUIREMENTS OF REGULATION 12, 13 AND 14. ALL OIL AND OILY WASTES MUST BE RETAINED ONBOARD FOR DISCHARGE TO RECEPTION FACILITIES.
_____ of this Record.....

8. Compliance with part II-A-chapter 1 of the Polar Code

8.1 The ship is in compliance with additional requirements in the environment-related provisions of the introduction and section 1.2 of chapter 1 of part II-A of the Polar Code.

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

Issued at: SEATTLE, WA

Place of Issue of the Record

18MAR24
Date of Issue

K. M. MOODY, CDR, USCG
Officer in Charge, Marine Inspection, U.S. Coast Guard



ATTACHMENT TO THE IOPP CERTIFICATE AND FORM A SUPPLEMENT

**RECORD OF CONSTRUCTION AND EQUIPMENT FOR SHIPS
OTHER THAN OIL TANKERS**

IOPP CERTIFICATE - GROSS TONNAGE:

- * The vessel's gross tonnage has been measured by the tonnage authorities of the United States of America in accordance with national tonnage rules which were in force prior to the coming of the International Convention on Tonnage Measurement of Ships, 1969:

9. WAIVER OF REGULATION 14

The ship is waived from the requirements of Regulation 14.1 and 14.2 in accordance with Regulation 14.5.

- .1 this ship is engaged exclusively on voyages within special area(s): or
- .2 this ship is certified under the International Code of Safety for High-Speed Craft (or otherwise within the scope of this Code with regard to size and design) engaged on a scheduled service with a turn-around time not exceeding 24 hours and covering also non-passenger/cargo-carrying relocation voyages for these ships

with regard to the provisions of subparagraphs .1 and .2 of section 8 above, the following conditions shall be complied with:

- .1. the ship is fitted with a holding tank having a volume adequate, to the satisfaction of the Administration, for the total retention on board of the oily bilge water;
- .2. all oily bilge water is retained on board for subsequent discharge to reception facilities;
- .3. the Administration has determined that adequate reception facilities are available to receive such oily bilge water in a sufficient number of ports or terminals the ship calls at;
- .4. the International Oil Pollution Prevention Certificate, when required, is endorsed to the effect that the ship is exclusively engaged on the voyages within special areas or has been accepted as a high speed craft for the purpose of this regulation and the service is identified; and
- .5. the quantity, time and port of the discharge are recorded in the Oil Record Book Part 1.

10. WAIVER OF REGULATION 39

- 10.1 Drilling rigs shall be equipped as far as practicable with oil-water separating/filtering equipment. The U.S. Coast Guard has determined that it is not practicable to install oil-water separating/filtering equipment on this ship. All platform machinery space oily wastes shall be retained on board the waste oil tank for discharge in barrels to reception facilities: