
USER GUIDANCE ON THE SHIP FUEL OIL CONSUMPTION GISIS MODULE (IMO SHIP FUEL OIL CONSUMPTION DATABASE)

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Disclaimer

This document is merely intended to provide guidance and does not provide any legally binding interpretations by the Secretariats etc.

General information on the IMO Ship Fuel Oil Consumption Database

1 The Marine Environment Protection Committee at its seventieth session (MEPC 70) adopted, by resolution MEPC.278(70), the amendments to MARPOL Annex VI related to the data collection system for fuel oil consumption of ships, which entered into force on 1 March 2018.

2 Regulation 27 of MARPOL Annex VI requests the establishment of the IMO Ship Fuel Oil Consumption Database (hereafter "the Database"), which shall be undertaken and managed by the Secretary-General of the Organization, pursuant to guidelines to be developed by the Organization.

3 In addition, regulation 27.12 of MARPOL Annex VI stipulates that the Secretary-General of the Organization shall maintain an anonymized Database such that identification of a specific ship will not be possible and Parties to MARPOL Annex VI shall have access to the anonymized data strictly for their analysis and consideration.

4 In this regard, paragraph 1.4 of the *2022 Guidelines for the development and management of the IMO Ship Fuel Oil Consumption Database* (resolution MEPC.349(78)) identifies that the Database will be developed as a module within the Global Integrated Shipping Information System (GISIS) platform, with the integrated IMO Web Accounts framework to manage secure access to the module.

5 In addition, MEPC 78 approved MEPC.1/Circ.871/Rev.1 on guidance for submission of data to the IMO data collection system of fuel oil consumption of ships from a State not Party to MARPOL Annex VI.

6 Taking the above into consideration, the Database has been developed as a new module in the GISIS platform with the following general functionalities:

- .1 designation of a contact person for the purpose of the Database;
- .2 submission of data to the Database by Member States and recognized organizations;
- .3 authorization of a recognized organization for submission of data;
- .4 access to non-anonymized data of ships flying its flag and download the anonymized dataset; and
- .5 import of the data submitted by the Extensible Markup Language (XML) format.

7 This document provides guidance for users on how to log into the Database and what actions are needed related to paragraphs 6.1 to 6.5 above.

APPENDIX 1

GUIDANCE FOR PARTIES TO MARPOL ANNEX VI

- 1 Assignment of a ship fuel oil consumption module manager(s) and user(s) by the GISIS administrator



In order for users to view the "Ship Fuel Oil Consumption" module in GISIS, and to enable users to access the Database thereafter, the GISIS administrator, who normally administers all GISIS modules, is requested to assign the following role(s) for each individual accordingly (see below for the definition of their different access rights):

- .1 Ship Fuel Oil Consumption manager(s) (hereafter "the module manager"); and,
- .2 if necessary, Ship Fuel Oil Consumption user(s) (hereafter "the module user(s)").

After this assignment has been done, then the module will be visible for the person(s) assigned.

User Roles

GISIS modules

- ☐ Ship Fuel Oil Consumption manager 
- ☐ Ship Fuel Oil Consumption user 

The module manager(s) can:

- .1 designate a contact person;
- .2 submit the data to the Database and edit the data submitted for ships flying its flag;
- .3 authorize recognized organization(s) for submission of data;
- .4 access to non-anonymized data of ships flying its flag; and
- .5 download the anonymized dataset.

The module user(s) can:

- .1 access read-only information on the contact person, data submitted, authorized recognized organization(s), non-anonymized data of ships flying its flag; and
- .2 download the anonymized dataset.

2 Accessing the Database and designating a contact person

In order to access the Database, after logging into GISIS, click on the "Ship Fuel Oil Consumption" module with the icon shown on the right.



Ship Fuel Oil Consumption
Mandatory reporting of fuel oil consumption by ships.

When the module manager first logs into the Database, they are requested to designate a contact person for the purposes of the Database who is responsible for communication with the Secretariat if any matter arises with regard to the submission of data by the respective Administration.

It is recommended to fill in the contact details of the module manager as the designated contact person.

IMO INTERNATIONAL MARITIME ORGANIZATION GISIS: Ship Fuel Oil Consumption

Members Area > Ship Fuel Oil Consumption > Contact person

Consumption Records Contact Person Recognized Organizations

Please provide a contact person on this page for

Contact Person /

The Administration should designate a contact person for the purposes of the database who is MEPC.293(71) on 2017 Guidelines for the development and management of the IMO Ship fuel

No contact details available.

Add contact

IMO INTERNATIONAL MARITIME ORGANIZATION GISIS: Ship Fuel Oil Consumption

Members Area > Ship Fuel Oil Consumption > Contact person

Consumption Records Contact Person Recognized Organizations

Contact Person /

The Administration should designate a contact person for the purposes of the database who is responsible for communication with the Secretariat if any matter arises with regard to the submission of data by the respective Administration.

Title:

First name: *

Last name: *

Telephone: *

E-mail: *

Cancel Submit

Click "Submit" when done

3 List of ships falling under the scope of the data collection system

In accordance with paragraphs 5.1 and 5.2 of the *2022 Guidelines for the development and management of the IMO Ship Fuel Oil Consumption Database* (resolution MEPC.349(78)), the Secretariat should:

- .1 at the beginning of each calendar year, produce a list of ships falling under the scope of regulation 27 of MARPOL Annex VI by cross-referencing with the data from the Ship Particular module of GISIS; and
- .2 send the aforementioned list of ships to the Administration for reference, in order to receive feedback in case of any discrepancies.

For this purpose, the aforementioned list of ships for each Administration of Parties to MARPOL Annex VI is available in the Ship Fuel Oil Consumption module.

Click "Ships under the scope". Then all ships expected to fall under the scope of the Data Collection System for the calendar year are shown.


Consumption Records Contact Person Recognized Organizations **Ships under the scope**

Ships under the scope

Select a calendar year, to view and modify the ships listed under your administration.

Calendar year:

Flag Administration:

Download  Showing 1-25 of 1239

IMO Number ↑	Ship Name ↑	Gross Tonnage ↑
IMO 1002380	LADY MOURA	6359
IMO 6417097	MARCO POLO	22080
IMO 7108930	WALK WATCH	28613
IMO 7218395	ATCC	28551
IMO 7304314	ROS	28518
IMO 7325629	OCEAN DIAMOND	8282
IMO 7325899	FPSO CIDADE DE SANTOS MV20	118273
IMO 7347536	DELPHIN	16214
IMO 7349144	N'GOMA FPSO	125027
IMO 7360069	SENDJE CEIBA	133969
IMO 7370193	FPSO CAPIXABA	137452

In case a ship is either exempted under Chapter 4 of MARPOL Annex VI or the Party interprets that it falls outside the scope of the Data Collection System, the module manager should contact the Secretariat (dcx@imo.org) to inform them of the discrepancies.

4 Submission of data and revision of the data already submitted

Click "Consumption Records" and then click "Add new record" to submit the data.

Members Area > Ship Fuel Oil Consumption > Consumption records

Consumption Records | Contact Person | Recognized Organizations

Consumption records

Add new record » ←

Export data

Export the data submitted for the respective year.

Reporting year: 2017 ▼ **Export anonymized data** **Export own non-anonymized data**

Your existing consumption records

Select a reporting year, then click on a record for details.

Reporting year: 2017 ▼

Flag Administration: ▼

IMO Number: IMO **Search**

Input the data of a ship then click "Submit".

Consumption Records

Contact Person

Contact Point

Recognized Organizations

Data Import

Communication with Administrations

Consumption record

1 Reporting granularity:

☒ 2024 to 2025 (current granularity)

☐ 2025 to 2026 (early reporting of additional granularity)

Reporting year:


2024

1 Start date:

2024-01-01

1 End date:

2024-12-31



Total consumption

(while the ship is underway and not underway)

Fuel oil type:

-- Please select --

Quantity:

metric tonnes

1 Data collection method:

-- Please select --

Add consumption data

Cancel

Submit

After the submission, the summary of data submitted is shown on the "Consumption Records" page.

This summary includes not only data submitted by the Administration but also data submitted by authorized recognized organizations, if applicable.

IMO Number ↑	Ship type ↑	Distance travelled (NM) ↑	Hours underway (hours) ↑	Fuel oil consumption total (metric tonnes) ↑
IMO	Others	12	23	1234
IMO	Cruise passenger ship	5000	300	5000
IMO	Cruise passenger ship	3456	345	68

5 Authorization of a recognized organization for submission of data

Click "Recognized Organization".

Members Area > Ship Fuel Oil Consumption > Recognized organizations

Consumption Records Contact Person **Recognized Organizations**

Recognized Organizations /

Under the data collection system for fuel oil consumption of ships, as specified in MARPOL Annex V organization(s) from the following list. These organizations may perform, inter alia, the following a

- submit the data for ships flying your flag;
- designate a contact point responsible for communication with the IMO Secretariat if any tech
- have access to non-anonymized data submitted by this organization.

Authorized Recognized Organizations

No organizations have been authorized.

Available Recognized Organizations

Select an organization to give them authorization to submit data on your behalf to this module.

Recognized Organization
African International Register (AIR)
American Bureau of Shipping (ABS)
ASIA CLASSIFICATION ACS (ACS)
ASIA Classification Society - ASIA (ASIA)
Associated Consultants Bureau Ltd. (ACB)
Belgian Marine Inspection Service (BMIS)
Belize Maritime Bureau Inc. (BMBI)

All recognized organizations registered in the GISIS Recognized Organizations module are shown.

Click a recognized organization from the list and click "Authorize Organization".

tions

Recognized Organization

Authorizing American Bureau of Shipping (ABS) will allow them to carry out the following actions, inter alia, in relation with the submission of data:

- submit the data for ships flying your flag;
- designate a contact point responsible for communication with the IMO Secretariat if any technical matter arises with regard to the submission of data; and
- have access to non-anonymized data submitted by this organization.

Authorize Organization Cancel

Then the authorized recognized organization is shown on the screen.

The screenshot shows a web interface with a navigation bar at the top containing 'Consumption Records', 'Contact Person', and 'Recognized Organizations'. Below the navigation bar, a green message box states: '✓ American Bureau of Shipping (ABS) has been authorized.' The main heading is 'Recognized Organizations'. Below this, a paragraph explains the data collection system for fuel oil consumption of ships under MARPOL Annex VI. A bulleted list follows: 'submit the data for ships flying your flag;', 'designate a contact point responsible for communication with the IMO Secretariat if any technical;', and 'have access to non-anonymized data submitted by this organization.' Below the list is the heading 'Authorized Recognized Organizations'. Under this heading, a table lists recognized organizations. The first entry is 'American Bureau of Shipping (ABS)', which is highlighted with a red rectangular box. Below this table is the heading 'Available Recognized Organizations'. Under this heading, a paragraph states: 'Select an organization to give them authorization to submit data on your behalf to this module.' Below this paragraph is another table of recognized organizations, including 'African International Register (AIR)', 'ASIA CLASSIFICATION ACS (ACS)', and 'ASIA Classification Society - ASIA (ASIA)'.

Recognized Organization
American Bureau of Shipping (ABS)

Recognized Organization
African International Register (AIR)
ASIA CLASSIFICATION ACS (ACS)
ASIA Classification Society - ASIA (ASIA)

If you need to terminate the authorization, click the recognized organization and then click "Deauthorize Organization".

The screenshot shows a dialog box titled 'Recognized Organization'. The text inside the dialog box reads: 'Deauthorizing American Bureau of Shipping (ABS) will stop them from carrying out any actions in relation with the submission of data.' A red arrow points from the text 'American Bureau of Shipping (ABS)' to the 'Deauthorize Organization' button. The dialog box has two buttons at the bottom: 'Deauthorize Organization' and 'Cancel'. The 'Deauthorize Organization' button is highlighted with a red rectangular box.

6 Export of anonymized dataset

Click "Consumption Records".

Select the reporting year and then click "Export anonymized data".

Members Area > Ship Fuel Oil Consumption > Consumption records

Consumption Records Contact Person Recognized Organizations

Consumption records

Add new record »

Export data

Export the data submitted for the respective year.

Reporting year: 2017

Export anonymized data Export own non-anonymized data

An anonymized dataset (MS Excel spreadsheet) is downloaded. In the dataset, for each ship, there is a row for each fuel oil type that has been used.

7 Export of non-anonymized dataset of ships flying its flag

Click "Consumption Records".

Select the reporting year and then click "Export own non-anonymized data".

Members Area > Ship Fuel Oil Consumption > Consumption records

Consumption Records Contact Person Recognized Organizations

Consumption records

Add new record »

Export data

Export the data submitted for the respective year.

Reporting year: 2017

Export anonymized data Export own non-anonymized data

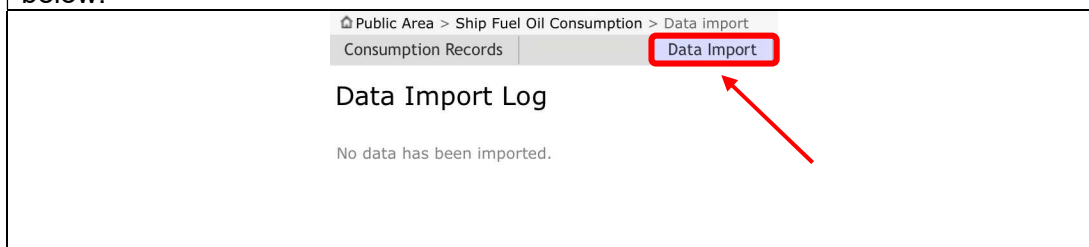
A non-anonymized dataset of ships flying its flag (MS Excel spreadsheet) is downloaded. In the dataset, for each ship, there is a row for each fuel oil type that has been used.

8 Data submission via Extensible Markup Language (XML) format

In addition to the Ship Fuel Oil Consumption Database within the GISIS platform, the Extensible Markup Language (XML) format can be used for bulk data submission from Member States. Member States that need to use the XML format should contact the IMO Secretariat (dc@imo.org) to receive the FUEL Web Service Guide and for further information and assistance.

When using Extensible Markup Language (XML) for data submission, the Data Import Log can be used to check that data has been submitted correctly and can give more information on the nature of any errors. After checking the Data Import Log, if you still require assistance please contact the IMO Secretariat (dc@imo.org) with information about the nature of any errors.

The Data Import Log can be accessed by clicking on "Data Import", as shown below.



APPENDIX 2

GUIDANCE FOR NON-PARTIES TO MARPOL ANNEX VI

As identified in MEPC.1/Circ.871/Rev.1 on *Submission of data to the IMO data collection system of fuel oil consumption of ships from a State not Party to MARPOL Annex VI*, fuel oil consumption data of ships not flying the flag of a Party to MARPOL Annex VI could be submitted by: a recognized organization duly authorized by a Party of MARPOL Annex VI; or by a non-Party to MARPOL Annex VI directly.

This appendix 2 provides a procedure for a non-Party to submit the fuel oil consumption data and relevant features of the Database.

- 1 Assignment of a ship fuel oil consumption module manager(s) and user(s) by the GISIS administrator

In order for users to view the "Ship Fuel Oil Consumption" module in GISIS, and to enable users to access the Database thereafter, the GISIS administrator, who normally administers all GISIS modules, is requested to assign the following role(s) for each individual accordingly (see below for the definition of their different access rights):

- .1 Ship Fuel Oil Consumption manager(s) (hereafter "the module manager"); and,
- .2 if necessary, Ship Fuel Oil Consumption user(s) (hereafter "the module user(s)").

After this assignment has been done, then the module will be visible for the person(s) assigned.

User Roles

GISIS modules

- ☐ Ship Fuel Oil Consumption manager ⓘ
- ☐ Ship Fuel Oil Consumption user ⓘ

The module manager(s) can:

- .1 designate a contact person;
- .2 submit the data to the Database and edit the data submitted for ships flying its flag; and
- .3 access to non-anonymized data of ships flying its flag.

The module user(s) can access read-only information on the contact person, data submitted, non-anonymized data of ships flying its flag.

2 Accessing the Database and designating a contact person

In order to access the Database, after logging into GISIS, click on the "Ship Fuel Oil Consumption" module with the icon shown on the right.



Ship Fuel Oil Consumption
Mandatory reporting of fuel oil consumption by ships.

When the module manager first logs into the Database, they are requested to designate a contact person for the purposes of the Database who is responsible for communication with the Secretariat if any matter arises with regard to the submission of data by the respective Administration.

It is recommended to fill in the contact details of the module manager as the designated contact person.

IMO INTERNATIONAL MARITIME ORGANIZATION GISIS: Ship Fuel Oil Consumption

Members Area > Ship Fuel Oil Consumption > Contact person

Consumption Records Contact Person Recognized Organizations

Please provide a contact person on this page for

Contact Person /

The Administration should designate a contact person for the purposes of the database who is MEPC.293(71) on 2017 Guidelines for the development and management of the IMO Ship fuel

No contact details available.

Add contact

IMO INTERNATIONAL MARITIME ORGANIZATION GISIS: Ship Fuel Oil Consumption

Members Area > Ship Fuel Oil Consumption > Contact person

Consumption Records Contact Person Recognized Organizations

Contact Person /

The Administration should designate a contact person for the purposes of the database who is responsible for communication with the Secretariat if any matter arises with regard to the submission of data by the respective Administration

Title:

First name: *

Last name: *

Telephone: *

E-mail: *

Cancel Submit

Click "Submit" when done

3 List of ships falling under the scope of the data collection system

In accordance with paragraphs 5.1 and 5.2 of the *2022 Guidelines for the development and management of the IMO Ship Fuel Oil Consumption Database* (resolution MEPC.349(78)), the Secretariat should:

- .1 at the beginning of each calendar year, produce a list of ships falling under the scope of regulation 27 of MARPOL Annex VI by cross-referencing with the data from the Ship Particular module of GISIS; and
- .2 send the aforementioned list of ships to the Administration for reference, in order to receive feedback in case of any discrepancies.

For this purpose, the aforementioned list of ships from non-Party Administrations is available in the Ship Fuel Oil Consumption module.

Click "Ships under the scope". Then all ships expected to fall under the scope of the Data Collection System for the calendar year are shown.


Consumption Records Contact Person Recognized Organizations **Ships under the scope**

Ships under the scope

Select a calendar year, to view and modify the ships listed under your administration.

Calendar year:

Flag Administration:

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IMO Number ↑	Ship Name ‡	Gross Tonnage ‡
IMO 1002380	LADY MOURA	6359
IMO 6417097	MARCO POLO	22080
IMO 7108930	WATCH	28613
IMO 7218395	CA	28551
IMO 7304314	ROS	28518
IMO 7325629	OCEAN DIAMOND	8282
IMO 7325899	FPSO CIDADE DE SANTOS MV20	118273
IMO 7347536	DELPHIN	16214
IMO 7349144	N'GOMA FPSO	125027
IMO 7360069	SENDJE CEIBA	133969
IMO 7370193	FPSO CAPIXABA	137452

In case a ship is considered outside the scope of the data collection system, the module manager should contact the Secretariat (dcx@imo.org) to inform them of the discrepancies.

4 Submission of data and revision of the data already submitted

Click "Consumption Records" and then click "Add new record" to submit the data.

Members Area > Ship Fuel Oil Consumption > Consumption records

Consumption Records

Contact Person

Consumption records

Add new record »

Export data

Export the data submitted for the respective year.

Reporting year:

2017 ▼

Export own non-anonymized data

Your existing consumption records

Select a reporting year, then click on a record for details.

Reporting year:

2017 ▼

Flag Administration:

New Zealand ▼

IMO Number:

IMO

Search

Input the data of a ship then click "Submit".

Consumption Records Contact Person Contact Point Recognized Organizations Data Import Communication with Administrations

Consumption record

1 Reporting granularity: ☒ 2024 to 2025 (current granularity) ☐ 2025 to 2026 (early reporting of additional granularity)

Reporting year: 2024 ▼

1 Start date: 2024-01-01

1 End date: 2024-12-31

Total consumption

(while the ship is underway and not underway)

Fuel oil type: -- Please select --

Quantity: metric tonnes

1 Data collection method: -- Please select -- ▼

Add consumption data

Cancel **Submit**

Select level of granularity

Input data (see appendix 6 for details, as appropriate)

Click "Submit" when done

After the submission, the summary of the data is shown on the "Consumption Records" page.

This summary includes not only data submitted by the Administration but also data submitted by recognized organization(s) duly authorized by a Party of MARPOL Annex VI, if applicable.

IMO Number †	Ship type †	Distance travelled (NM) †	Hours underway (hours) †	Fuel oil consumption total (metric tonnes) †
IMO	Others	12	23	1234
IMO	Cruise passenger ship	5000	300	5000
IMO	Cruise passenger ship	3456	345	68

5 Authorization of a recognized organization for submission of data

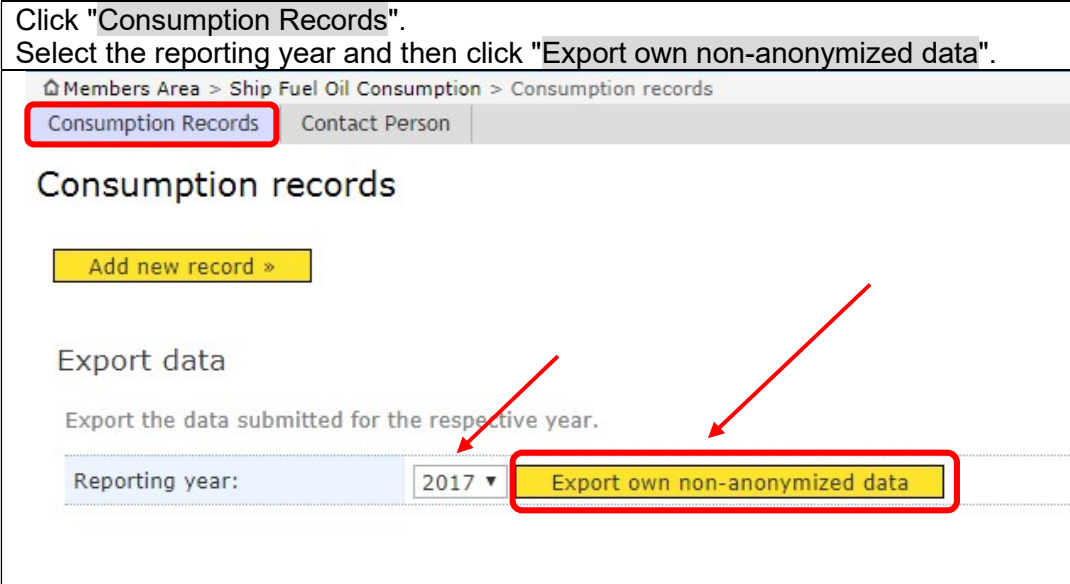
Noting that MEPC.1/Circ.871/Rev.1 on *Submission of data to the IMO data collection system of fuel oil consumption of ships from a State not Party to MARPOL Annex VI* allows a recognized organization duly authorized by a Party of MARPOL Annex VI to submit the fuel oil consumption data of ships not flying the flag of a Party to MARPOL Annex VI, therefore the feature to authorize a recognized organization is not available for non-Party users.

6 Export of anonymized dataset

Noting that regulation 27.12 of MARPOL Annex VI identifies "Parties shall have access to the anonymized data strictly for their analysis and consideration", access to the anonymized dataset is not available for non-Party users.

7 Export of non-anonymized dataset of ships flying its flag

Click "Consumption Records".
Select the reporting year and then click "Export own non-anonymized data".



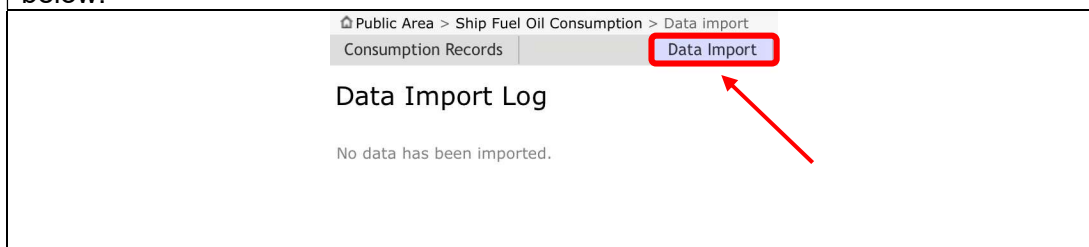
A non-anonymized dataset of ships flying its flag (MS Excel spreadsheet) is downloaded. In the dataset, for each ship, there is a row for each fuel oil type that has been used.

8 Data submission via Extensible Markup Language (XML) format

In addition to the Ship Fuel Oil Consumption Database within the GISIS platform, the Extensible Markup Language (XML) format can be used for bulk data submission from Member States. Member States that need to use the XML format should contact the IMO Secretariat (dc@imo.org) to receive the FUEL Web Service Guide and for further information and assistance.

When using Extensible Markup Language (XML) for data submission, the Data Import Log can be used to check that data has been submitted correctly and can give more information on the nature of any errors. After checking the Data Import Log, if you still require assistance please contact the IMO Secretariat (dc@imo.org) with information about the nature of any errors.

The Data Import Log can be accessed by clicking on "Data Import", as shown below.



APPENDIX 3

GUIDANCE FOR RECOGNIZED ORGANIZATIONS


- 1 Authorization by a Party to MARPOL Annex VI and the setting up of web accounts by the IMO Secretariat

A recognized organization can access the Database and submit the fuel oil consumption data only after it has been authorized by a Party to MARPOL Annex VI to submit data on its behalf via the Database (see section 4 of appendix 1). A recognized organization can also submit data for non-Party ships.

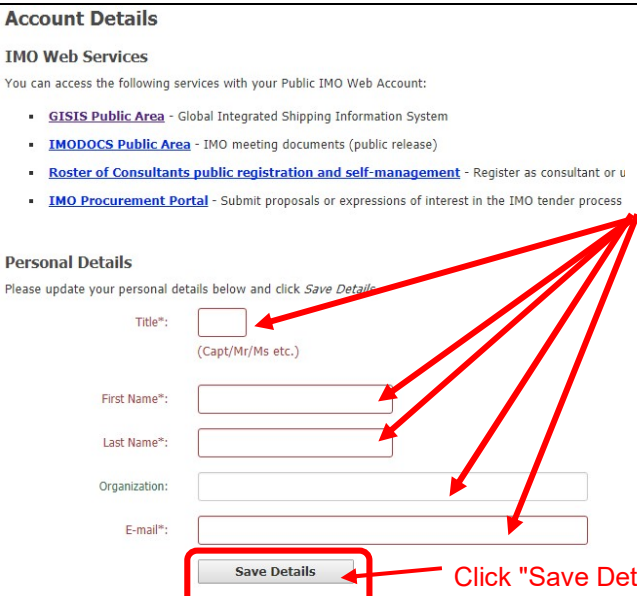
In order to enable a user of a recognized organization to access the Database, the recognized organization is requested to contact the Secretariat (dc@imo.org). The Secretariat will provide the necessary information on the web accounts (for data submission by GISIS and the XML format) to it.

- 2 Accessing the Database and designating a contact point.

Select "Public Users" from "Authority".
Use the given web account and log into the GISIS.



When the user first logs into the GISIS, they are is requested to fill in the **personal details**.



Account Details

IMO Web Services

You can access the following services with your Public IMO Web Account:

- [GISIS Public Area](#) - Global Integrated Shipping Information System
- [IMODOCS Public Area](#) - IMO meeting documents (public release)
- [Roster of Consultants public registration and self-management](#) - Register as consultant or u
- [IMO Procurement Portal](#) - Submit proposals or expressions of interest in the IMO tender process

Personal Details

Please update your personal details below and click *Save Details*.

Title*:
(Capt/Mr/Ms etc.)

First Name*:

Last Name*:

Organization:

E-mail*:

Click "Save Details" when done

In order to access the Database, click on the "Ship Fuel Oil Consumption" module with the icon shown on the right.



Ship Fuel Oil Consumption
Mandatory reporting of fuel oil consumption by ships.

- 3 Submission of data on behalf of a Party to MARPOL Annex VI and revision of the data already submitted

Click "Consumption Records" and then click "Add new record" to submit the data.

Public Area > Ship Fuel Oil Consumption > Consumption records

Consumption Records

Contact Point

Data Import

Consumption records

Add new record »

Export data

Export the data submitted for the respective year.

Reporting year:

2017

Export own non-anonymized data

Existing consumption records submitted by your organization

Select a reporting year, then click on a record for details.

Reporting year:

2017

Flag Administration:

-- Please select --

IMO Number:

IMO

Search

Consumption Records Contact Person Contact Point Recognized Organizations Data Import Communication with Administrations

Consumption record

Reporting granularity:

2024 to 2025 (current granularity)

2025 to 2026 (early reporting of additional granularity)

Reporting year:

2024

Start date:

2024-01-01

End date:

2024-12-31



Total consumption

(while the ship is underway and not underway)

Fuel oil type:

-- Please select --

Quantity:

metric tonnes

Data collection method:

-- Please select --

Add consumption data

Cancel

Submit

Input the data of a ship then click "Submit".

After submission, the summary of the data submitted is shown on the "Consumption Records" page.

IMO Number †	Ship type †	Distance travelled (NM) †	Hours underway (hours) †	Fuel oil consumption total (metric tonnes) †
IMO	Others	12	23	1234
IMO	Cruise passenger ship	5000	300	5000
IMO	Cruise passenger ship	3456	345	68

4 Submission of data of non-Party ships and revision of the data already submitted

In accordance with MEPC.1/Circ.871/Rev.1 on *Submission of data to the IMO data collection system of fuel oil consumption of ships from a State not Party to MARPOL Annex VI*, a recognized organization duly authorized by a Party to MARPOL Annex VI can submit the fuel oil consumption data of ships not flying the flag of a Party to MARPOL Annex VI via the same process identified in section 3 of this appendix.

After Clicking on "Consumption Records" and then "Add new record", as explained in section 3, recognized organizations can submit data of Non-party ships by selecting "Non-Party" next to Flag Administration, as shown below.

Consumption record

Reporting year: 2018 ▼

Start date: 2018-01-01 [calendar icon]

End date: 2018-12-31 [calendar icon]

Ship Particulars

Flag Administration: -- Please select -- ☐ Party ☒ Non-party

Party to MARPOL Annex VI: No

IMO Number: IMO [text box] [Populate ship particulars]

Ship type: -- Please select -- ▼

Gross tonnage: [text box]

Recognized organizations can access a list of Non-Party Flag Administrations by clicking here.

A non-anonymized dataset submitted by the recognized organization (MS Excel spreadsheet) is downloaded. In the dataset, for each ship, there is a row for each fuel oil type that has been used.

5 Export of anonymized dataset

Noting that regulation 27.12 identifies that "Parties shall have access to the anonymized data strictly for their analysis and consideration", access to the anonymized dataset is not available for users of recognized organizations.

6 Export of own non-anonymized dataset

Click "Consumption Records".
Select the reporting year and then click "Export own non-anonymized data".

Members Area > Ship Fuel Oil Consumption > Consumption records

Consumption RecordsContact Person

Consumption records

Add new record »

Export data

Export the data submitted for the respective year.

Reporting year:2017 ▼Export own non-anonymized data

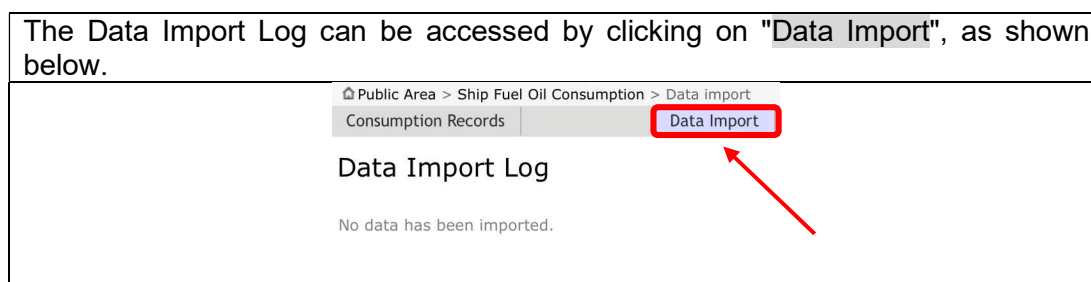
A non-anonymized dataset submitted by the recognized organization (MS Excel spreadsheet) is downloaded. In the dataset, for each ship, there is a row for each fuel oil type that has been used.

7 Data submission via Extensible Markup Language (XML) format

In addition to the Ship Fuel Oil Consumption Database within the GISIS platform, the Extensible Markup Language (XML) format can be used for bulk data submission from recognized organizations. Special web accounts to submit data by the XML format are provided to recognized organizations that have been authorized by a Party to MARPOL Annex VI for submission of fuel oil consumption data. Please contact the IMO Secretariat (dcs@imo.org) to receive the FUEL Web Service Guide and for further information and assistance.

When using Extensible Markup Language (XML) for data submission, the Data Import Log can be used to check that data has been submitted correctly and can give more information on the nature of any errors. After checking the Data Import Log, if you still require assistance please contact the IMO Secretariat (dcs@imo.org) with information about the nature of any errors.

The Data Import Log can be accessed by clicking on "Data Import", as shown below.



APPENDIX 4

FREQUENTLY ASKED QUESTIONS**1 Who can submit data to the Data Collection System? Who has access to the submitted data?**

Fuel oil consumption data can only be submitted by the Administration or an organization authorized by the Administration (RO) to submit data on their behalf.

In October 2016, MEPC 70 adopted amendments to Annex VI of the MARPOL Convention establishing a mandatory data collection system for ship fuel oil consumption. The new regulation 22A (now regulation 27) states that the IMO Secretariat would provide an annual report on the data collected to MEPC, while "Parties" (governments that have ratified MARPOL Annex VI) shall have access to the data of all ships in an anonymized format strictly for their analysis and consideration.

2 How do recognized organizations access the GISIS module and get authorization to submit the fuel oil consumption data?

GISIS accounts need to be set-up before submitting data in the Ship Fuel Oil Consumption module in GISIS. Please send your request to setup an account via e-mail to dc@imo.org with the e-mail address that will receive the account details. This process is explained in item 1 of appendix 3 of this DCS User Guidance document.

After setting up the web account, you will be provided with two accounts; a user account for accessing the GISIS web interface (<https://gisis.imo.org/Public/FUEL>) and a service account for submitting data using the web service (XML format). The web service allows for bulk submission of data.

In order to submit data on behalf of any Administration, recognized organizations have to be authorized by Administrations that are parties to MARPOL Annex VI. The process for Administrations that are parties to MARPOL Annex VI of authorizing recognized organizations is explained for Administrations in item 5 of Appendix 1 of this DCS User Guidance. Recognized organizations may need to contact Administrations to ensure that the authorization process on GISIS has been carried out.

Recognized organizations also have to be registered in the Recognized Organization module in GISIS. It may also be necessary for Administrations to add recognized organizations to the Recognized Organization module in GISIS, as well as authorizing them in the Ship Fuel Oil Consumption module in GISIS, for the purpose of submitting fuel oil consumption data.

3 How do recognized organizations recover/reset GISIS accounts?

In the first instance, you should check the e-mail that you were sent automatically when your GISIS accounts were setup. This e-mail contains the original user names and passwords for each account. If your e-mail address has been registered on GISIS you can also reset the password to your web interface account by visiting the following page:
<https://webaccounts.imo.org/Common/RecoverAccount.aspx>

If it is still not possible for you to access your existing GISIS accounts you can e-mail dc@imo.org so that we may assist you further.

4 Do you have an example of the XML format for submitting data?

It is advantageous to use a XML format for submitting the data.

The XML format changes whenever the reporting parameters are updated. For this reason it is recommended that you contact the IMO Secretariat (dcx@imo.org) to receive the most up-to-date XML information and full FUEL Web Service Guide and for up-to-date information.

The process of using XML to submit data is explained in item 7 of appendix 3 and item 8 of appendices 1 and 2 of the DCS User Guidance document.

5 How can I enter data for multiple engines in the Fuel Oil Consumption Database?

The GISIS web interface and the web service, for submitting data using XML, supports multiple main and auxiliary engines.

6 How can I delete data in the Fuel Oil Consumption Database?

For some types of accounts data can only be deleted by using the web service. Records cannot be deleted using the user interface.

If you need a record to be deleted please contact the Secretariat using the e-mail address dcx@imo.org so that we can assist you further.

7 How can Administrations or recognized organizations submit data with sub-registries or additional territories?

Some Administrations have sub-registries or additional territories which data may be submitted under. Once you log into GISIS, with the Administration's account, and access the page to submit the data (after clicking "Add new record"), you can select the name of the sub-registry or additional territory by using the drop-down list labelled "Flag Administration".

Please note that if you are submitting data using XML then a unique country code is used to submit data for sub-registries and additional territories.

8 What is the deadline for submitting data in the Fuel Oil Consumption Database?

In accordance with regulations 6.6, 6.7 and 27 of MARPOL Annex VI, Administrations or organizations authorized to act on their behalf are required to verify the reported annual fuel consumption data of their ships of 5,000 GT and above, and issue a Statement of Compliance by 31 May at the latest. In the event of the transfer of a ship from one Administration and/or company to another, upon receipt of reported data the Administration or any organization duly authorized by it shall promptly determine whether the data has been reported in accordance with regulation 27 and, if so, issue a Statement of Compliance. Not later than one month after issuing the Statement of Compliance, the Administration or authorized organization shall transfer that reported data to the IMO Ship Fuel Oil Consumption Database in GISIS.

In line with the above, Member States and/or authorized organizations are kindly reminded to submit the verified fuel oil consumption data of their fleet for the previous calendar year to GISIS at their earliest opportunity, and by 30 June at the latest.

9 When should the option "Not applicable" be selected in the CII field as the applicable CII of the ship?

The option "Not applicable" should be selected where CII may not be reported when not needed or may not be applicable, such as: ships reporting for a partial period (not at end of year), ship recently delivered during reporting year, previous ship data not available for calculation or ship types not being applicable. If you select the option "Not applicable", you need to provide the reason.

10 How can I access data prior to a change in the flag Administration or company?

According to paragraph 10.4 of the *2024 Guidelines for the development of a Ship Energy Efficiency Management Plan (SEEMP)* (resolution MEPC.395(82)), in case the former company does not transfer the required data, the Administration may make relevant data submitted to the IMO Fuel Oil Consumption Database available to the receiving company. In case of a transfer of both company and Administration concurrently, the incoming Administration may make a request to the Organization for access to the data according to regulation 27.11.

If you are a representative of the flag Administration of a ship needing assistance with data access, please contact the Secretariat using the e-mail address dcsc@imo.org so that we can assist you.

If you are a representative from the receiving company, please reach out to your ship's current flag Administration, as they handle access requests for this data according to paragraph 10.4 of the SEEMP Guidelines.

11 Can direct CO₂ measurement be used as a data collection method?

Methods for collecting data on annual fuel oil consumption in metric tonnes are specified in section 7 of the *2024 Guidelines for the development of a Ship Energy Efficiency Management Plan (SEEMP)* (resolution MEPC.395(82)). The "Data collection method" field in the GISIS Ship Fuel Oil Consumption module is based on this specification.

According to the SEEMP Guidelines, the direct CO₂ emissions measurement method is not mentioned in section 7, meaning it is not recognized in the IMO framework. Additionally, section 8 of the SEEMP Guidelines refers to this method, however section 8 of the SEEMP Guidelines relates to emission measurement rather than fuel oil consumption measurement. Regulation 27 of MARPOL Annex VI requires fuel oil consumption reporting, not emissions reporting.

12 How do I submit data for a year that is outside the reporting years?

Reporting Administrations are limited in the reporting years.

If you need to submit data for a year that is outside the reporting years, please contact the Secretariat using the e-mail address dcsc@imo.org so that we can assist you further.

13 Does the GISIS module allow Administrations or recognized organizations to submit data containing different level of granularity?

The GISIS Ship Fuel Oil Consumption module provides two submission endpoints to handle different data granularities, accommodating the existing and enhanced granularity introduced by the amendments to appendix IX of MARPOL Annex VI by resolution MEPC.385(81).

For 2025, Administrations/ROs may choose to submit data either under the “current granularity” scheme or under “early reporting of additional granularity” scheme. From 1 January 2026, all ships will have to report additional granularity.

APPENDIX 5

**EXPLANATIONS TO THE MORE GRANULAR FIELDS / DATA
TO BE REPORTED TO THE ORGANIZATION**

1 In accordance with amendments to MARPOL Annex VI and related IMO guidelines, added granularity, including "Transport Work" and more granular fuel consumption reporting, can be reported in GISIS as follows:

- .1 from 1 January 2025 on a voluntary basis; and
- .2 from 1 January 2026 on a mandatory basis.

2 The existing level of granularity can also be used until 1 January 2026, i.e. not including "Transport Work" and more granular fuel consumption reporting.

Name of field	Explanation
Reporting detail	In accordance, with amendments to MARPOL Annex VI and related IMO guidelines, added granularity, including "Transport Work", can be reported on a voluntary basis from 1 January 2025 before becoming mandatory in the 2026 reporting period. Data submitters not reporting additional granularity can continue to report using the same format until 1 January 2026.
Start/End date	Start and End date of fuel consumption reporting corresponding with the reported fuel consumption
Start/End date for regulation 28	In the event of any transfer of a ship addressed in regulations 27.4, 27.5 or 27.6 of MARPOL Annex VI, these dates should be completed consistent with regulation 28.3 of MARPOL Annex VI (i.e. normally the full 12-month period from 1 January to 31 December in the calendar year during which the transfer took place).
Ship type	<p>Definitions for ship types identified under regulation 2.2 of MARPOL Annex VI:</p> <ul style="list-style-type: none"> .5 Bulk carrier means a ship which is intended primarily to carry dry cargo in bulk, including such types as ore carriers as defined in regulation 1 of chapter XII of the International Convention for the Safety of Life at Sea (SOLAS), 1974 (as amended) but excluding combination carriers. .7 Combination carrier means a ship designed to load 100% deadweight with both liquid and dry cargo in bulk. .9 Containership means a ship designed exclusively for the carriage of containers in holds and on deck. .11 Cruise passenger ship means a passenger ship not having a cargo deck, designed exclusively for commercial transportation of passengers in overnight accommodations on a sea voyage.

	<p>.14 Gas carrier means a cargo ship, other than an LNG carrier as defined in paragraph 2.16 of this regulation, constructed or adapted and used for the carriage in bulk of any liquefied gas.</p> <p>.15 General cargo ship means a ship with a multi-deck or single deck hull designed primarily for the carriage of general cargo. This definition excludes specialized dry cargo ships, which are not included in the calculation of reference lines for general cargo ships, namely livestock carrier, barge carrier, heavy load carrier, yacht carrier, nuclear fuel carrier.</p> <p>.16 LNG carrier means a cargo ship constructed or adapted and used for the carriage in bulk of liquefied natural gas (LNG).</p> <p>.20 Passenger ship means a ship which carries more than 12 passengers.</p> <p>.22 Refrigerated cargo carrier means a ship designed exclusively for the carriage of refrigerated cargoes in holds.</p> <p>.26 Ro-ro cargo ship means a ship designed for the carriage of roll-on-roll-off cargo transportation units.</p> <p>.27 Ro-ro cargo ship (vehicle carrier) means a multi-deck roll-on-roll-off cargo ship designed for the carriage of empty cars and trucks.</p> <p>.28 Ro-ro passenger ship means a passenger ship with roll-on-roll-off cargo spaces.</p> <p>.29 Tanker means an oil tanker as defined in regulation 1 of Annex I of the present Convention or a chemical tanker or an NLS tanker as defined in regulation 1 of Annex II of the present Convention.</p>
Applicable CII	<p>If available, CII must be reported at the end of each 12-month period in accordance with regulation 28.</p> <p>The option "Not applicable" should be selected where CII cannot be reported when not needed or may not be applicable, such as: ships reporting for a partial period (not at end of year), ship recently delivered during reporting year, previous ship data not available for calculation, ship types not being applicable. If you select the option "Not applicable", please provide a reason why CII data is not applicable and has not been submitted.</p>
Total transport work 1	Relevant transport work metrics per ship types provided in paragraph 7.11 of the 2024 SEEMP Guidelines:

	<p>For bulk carriers, tankers, combination carriers, gas carriers, LNG carriers, general cargo ships, ro-ro cargo ships (vehicle carriers), ro-ro cargo ships:</p> $\sum_v (cargo_mass_v \times distance_v)$ <p>For containerships:</p> $\sum_v ((cargo_mass_v + container_mass_v) \times distance_v)$ <p>For cruise passenger ships:</p> $\sum_v (No_of_passengers_v \times distance_v)$ <p>For ro-ro passenger ships:</p> $\sum_v (No_of_passengers_v \times distance_v)$
Total transport work 2	<p>Containerships and ro-ro passenger ships need to report two types of transport work, each by a different metric according to paragraph 7.11 of the 2024 SEEMP Guidelines. Relevant transport work metric other than total transport work 1 provided in paragraph 7.11 of the 2024 SEEMP Guidelines:</p> <p>For containerships:</p> $\sum_v (No_of_TEU_v \times distance_v)$ <p>For ro-ro passenger ships:</p> $\sum_v (cargo_mass_v \times distance_v)$
Laden distance travelled	Please enter the distance sailed when the ship is loaded, as specified in paragraph 7.7 of the 2024 SEEMP Guidelines.
Hours underway	Under way is defined as the period between full ahead on passage (FAOP) and end of sea passage (EOSP), as specified in resolution MEPC.401(83).
Data collection method for reporting total consumption	<p>Methods for collecting data on annual fuel oil consumption in metric tonnes identified in paragraph 7.1 of the 2024 SEEMP Guidelines:</p> <ol style="list-style-type: none"> .1 method using bunker delivery notes (BDNs): .2 method using flow meters: .3 method using bunker fuel oil tank monitoring on board: .4 method using LNG cargo tank monitoring on board: .5 method using cargo tank monitoring on board for ships using cargo other than LNG as a fuel: <p>For further details, please refer to paragraph 7.1.</p>
Data collection method for reporting consumption per	<p>Methods for collecting data on annual fuel oil consumption in metric tonnes per consumer type identified in paragraphs 7.3 and 7.4 of the 2024 SEEMP Guidelines:</p> <ol style="list-style-type: none"> .1 method using flow meters:

consumer type or consumption while the ship is not under way per consumer type	<div><div>.2 method using bunker fuel oil tank monitoring on board:</div><div>.3 method using subtraction:</div><div>.4 method using estimated fuel oil consumption:</div></div> <div>For further details, please refer to paragraphs 7.3 and 7.4.</div>
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APPENDIX 6

NOTES FOR DATA INPUT

1 Notes for data input under the current granularity

Consumption Records	Contact Person	Contact Point	Recognized Organizations	Data Import	Communication with Administrations
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Consumption record

Reporting granularity: ☒ 2024 to 2025 (current granularity) ☐ 2025 to 2026 (early reporting of additional granularity) ← Select level of granularity

Reporting year: 2024 ▼

Start date: 2024-01-01

End date: 2024-12-31

Identity of the Ship and Technical Characteristics

Flag Administration: -- Please select -- ▼

Party to MARPOL Protocol 1997 (MARPOL Annex VI): No

IMO Number: IMO Populate ship particulars ← Enter the IMO number of the ship, then click "Populate ship particulars". Relevant ship particulars will be populated from the GISIS Ship and Company Particulars module.

Year of delivery:

Ship type: -- Please select -- ▼ ← Select the ship type. If the ship type is not in Regulation 2, selecting "Other" reveals a new text entry box to use.

Gross tonnage:

Net tonnage:

Deadweight tonnage:

Main propulsion power output: Add kW

Auxiliary engine(s) power output: Add kW

Attained EEDI:

Attained EEXI:

Ice class:

CII Fields and Transport Work

Applicable CII: ☐ AER ☐ cgDIST ☐ Not applicable ← Select an applicable CII for the ship. Then, the CII Fields will appear.

CII for trial purpose (none, one or more on voluntary basis)

EEPI (gCO₂/t/nm):

cbDIST (gCO₂/berth/nm):

clDIST (gCO₂/m/nm):

EEOI (gCO₂/t/nm or others):

Consumption Data

Distance travelled: NM

Hours underway: hours

Total consumption (while the ship is underway and not underway)

Fuel oil type: -- Please select -- ▼

Quantity: metric tonnes

Data collection method: -- Please select -- ▼

Add consumption data ← After adding fuel oil consumption data, click "Add consumption data". If the ship has two or more fuel oil types, then add the data one-by-one.

Cancel Submit ← Click "Submit" when done

2 Notes for data input under the additional granularity

Consumption Records	Contact Person	Contact Point	Recognized Organizations	Data Import	Communication with Administrations	RO Web Accounts
<h3>Consumption record</h3> <p>Reporting granularity: <input type="radio"/> 2024 to 2025 (current granularity) <input checked="" type="radio"/> 2025 to 2026 (early reporting of additional granularity)</p> <p>Reporting year: 2024</p> <p>Start date: 2024-01-01</p> <p>End date: 2024-12-31</p> <p>Start date for regulation 28: 2024-01-01</p> <p>End date for regulation 28: 2024-12-31</p>						
<h3>Identity of the Ship and Technical Characteristics</h3> <p>Flag Administration: -- Please select --</p> <p>Party to MARPOL Protocol 1997 (MARPOL Annex VI): No</p> <p>IMO Number: IMO <input type="text"/> <input type="button" value="Populate ship particulars"/></p> <p>Year of delivery: <input type="text"/></p> <p>Ship type: -- Please select --</p> <p>Gross tonnage: <input type="text"/></p> <p>Net tonnage: <input type="text"/></p> <p>Deadweight tonnage: <input type="text"/></p> <p>Main propulsion power output: <input type="text"/> Add kW</p> <p>Auxiliary engine(s) power output: <input type="text"/> Add kW</p> <p>Attained EEDI: <input type="text"/></p> <p>Attained EEXI: <input type="text"/></p> <p>Ice class: <input type="text"/></p> <p>CII reporting: <input type="checkbox"/> Ship is not required for reporting CII under category A Polar Code</p>						
<h3>CII Fields and Transport Work</h3> <p>Applicable CII: <input checked="" type="radio"/> AER <input type="radio"/> cgDIST <input type="radio"/> CII calculation not possible</p> <p>Total transport work 1: <input type="text"/> tonnes X nautical miles</p> <p>Required annual operational CII: <input type="text"/></p> <p>Attained annual operational CII: <input type="text"/></p> <p>Attained annual operational CII before any correction: <input type="text"/></p> <p>Installation of innovative technology: <input type="radio"/> A <input type="radio"/> B-1 <input type="radio"/> B-2 <input type="radio"/> C-1 <input type="radio"/> C-2 <input type="radio"/> Not applicable</p> <p>Operational carbon intensity rating: <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D <input type="radio"/> E</p>						
<h3>CII for trial purpose (none, one or more on voluntary basis)</h3> <p>EEPI (gCO₂/t/nm): <input type="text"/></p> <p>cbDIST (gCO₂/berth/nm): <input type="text"/></p> <p>cDIST (gCO₂/m/nm): <input type="text"/></p> <p>EEOI (gCO₂/t/nm or others): <input type="text"/></p>						

Select level of granularity

Enter the IMO number of the ship, then click "Populate ship particulars". Relevant ship particulars will be populated from the GISIS Ship and Company Particulars module.

Select the ship type. If the ship type is not in Regulation 2, selecting "Other" reveals a new text entry box to use.

If this box is ticked, the "CII Fields and Transport Work" will become voluntary field.

Select an applicable CII for the ship. Then, the CII Fields will appear.

Input the appropriate total transport work 1 depending on the ship type. For some ship types, transport work 2 will also appear and should be entered.

Consumption Data

Distance travelled:	<input type="text"/>	NM
i Laden distance travelled:	<input type="text"/>	NM
Hours underway:	<input type="text"/>	hours
Total amount of onshore power supplied :	<input type="text"/>	kWh

Total consumption (while the ship is underway and not underway)

Fuel oil type:

Quantity: metric tonnes

i Data collection method:

Add consumption data

After adding total fuel oil consumption data, click "Add consumption data".
If the ship has two or more fuel oil types, then add the data one-by-one.

Consumption per consumer type (while the ship is underway and not underway)

Consumer type:

Fuel oil type:

Quantity: metric tonnes

i Data collection method:

Add consumption data

After adding fuel oil consumption data per consumer type, click "Add consumption data".
If a consumer type has two or more fuel oil types, then add the data one-by-one.

Consumption while the ship is not under way, per consumer type

Consumer type:

Fuel oil type:

Quantity: metric tonnes

i Data collection method:

Add consumption data

After adding fuel oil consumption data while the ship is not under way, per consumer type, click "Add consumption data".
If a consumer type has two or more fuel oil types, then add the data one-by-one.

Cancel

Submit

Click "Submit" when done