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To: All IMO Members

Intergovernmental Organizations

Non-Governmental Organizations in Consultative Status

Subject: Global Integrated Shipping Information System (GISIS) – IMO Ship Fuel

Oil Consumption Database Module

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 22A 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.
- In this regard, MEPC 71 adopted, by resolution MEPC.293(71), the 2017 Guidelines for the development and management of the IMO Ship Fuel Oil Consumption Database (hereafter "the 2017 Database Guidelines"). The 2017 Database Guidelines, in its paragraph 1.4, identifies that the Database will be developed as a module within the Global Integrated Shipping Information System (GISIS) platform, using the integrated IMO Web Accounts framework to manage secure access to the module.
- The Secretary-General has the honour to inform that the Database has been launched as a new module within the GISIS platform. The new module enables Member States to transfer the ships' fuel oil consumption data, as required under regulation 22A.9 of MARPOL Annex VI.
- 5 User guidance on the module is set out in the annex. The guidance provides, inter alia, information on how a Member State can, if necessary, allow any organization duly authorized by it to submit the data on their behalf, as well as information on data submission using Extensible Markup Language (XML) format.
- 6 Member Governments are kindly requested to familiarize themselves with the module and convey, as necessary, the annexed guidance to their recognized organization(s).



7 Member Governments are also kindly requested to contact the Secretariat via the following email address for their queries, comments and suggestions on the module: dcs@imo.org.

ANNEX

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

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General information on the IMO Ship Fuel Oil Consumption Database

- 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.
- Regulation 22A 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 22A.11 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.
- In this regard, MEPC 71 adopted, by resolution MEPC.293(71), the 2017 Guidelines for the development and management of the IMO Ship Fuel Oil Consumption Database (hereafter "the 2017 Database Guidelines"). The 2017 Database Guidelines, in its paragraph 1.4, 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.
- In addition, MEPC 71 approved MEPC.1/Circ.871 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.
- 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.
- This document provides guidance for users on how to log into the Database and what actions are needed related to paragraphs 7.1 to 7.5 above.
- 8 Member Governments are invited to note that operative paragraph 4 of resolution MEPC.278(70) invites Parties to MARPOL Annex VI to consider the application of the aforementioned amendments to MARPOL Annex VI as soon as possible to ships entitled to fly their flag.
- 9 In this context, MEPC 70 agreed that any data submitted under paragraph 8 would not form part of any analysis, but were intended solely to facilitate preparations for the implementation of the new requirements.

APPENDIX 1

GUIDANCE FOR PARTIES TO MARPOL ANNEX VI

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

In order to enable users to access the Database, GISIS administrator is requested to assign the following User Role(s): Ship Fuel Oil Consumption manager (hereafter "the module .1 manager"); and, if necessary, Ship Fuel Oil Consumption user(s) (hereafter .2 "the module user(s)"). User Roles GISIS modules ☐ Ship Fuel Oil Consumption manager (i) ☐ Ship Fuel Oil Consumption user (1) The module manager can: designate a contact person; .1 submit the data to the Database and edit the data submitted for .2 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 download the anonymized dataset. .5 The module user(s) can: .1 access (read-only) to the 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.

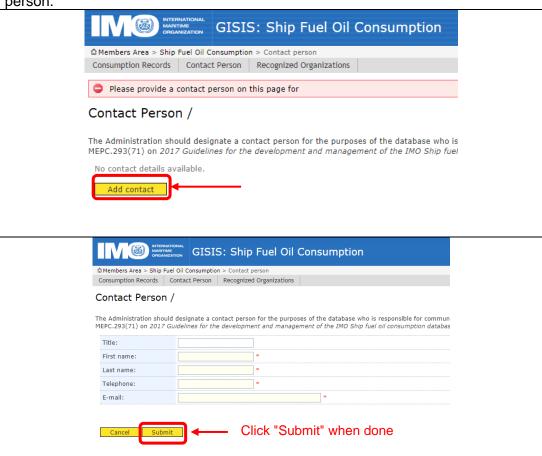
2 Log into the Database and designation of a contact person

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

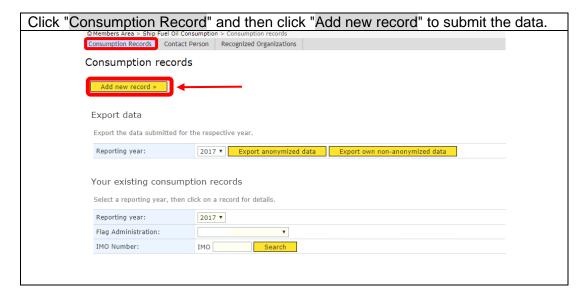


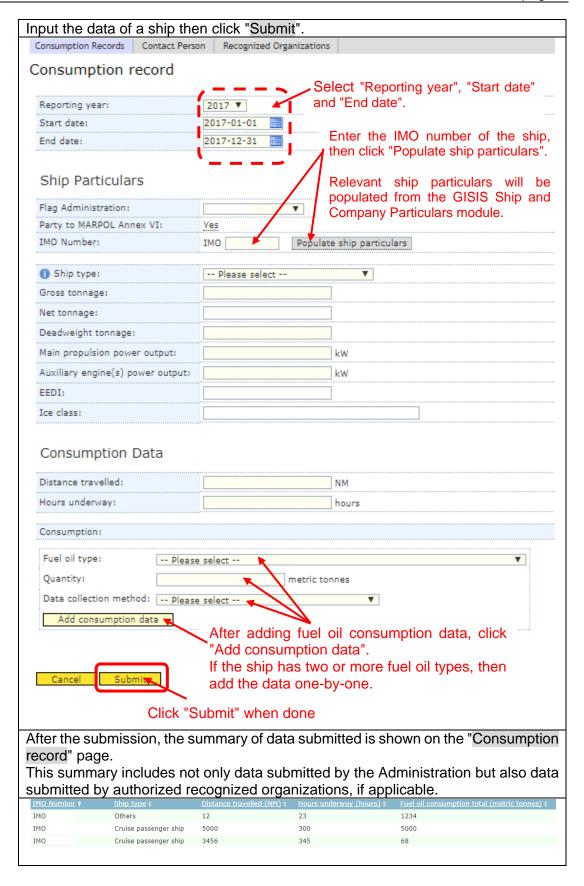
When the module manager first logs into the Database, they are requested to designate a contact person for the purposes of the database who is responsible for communication with the Secretariat if any matter arises with regard to the submission of data by the respective Administration.

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

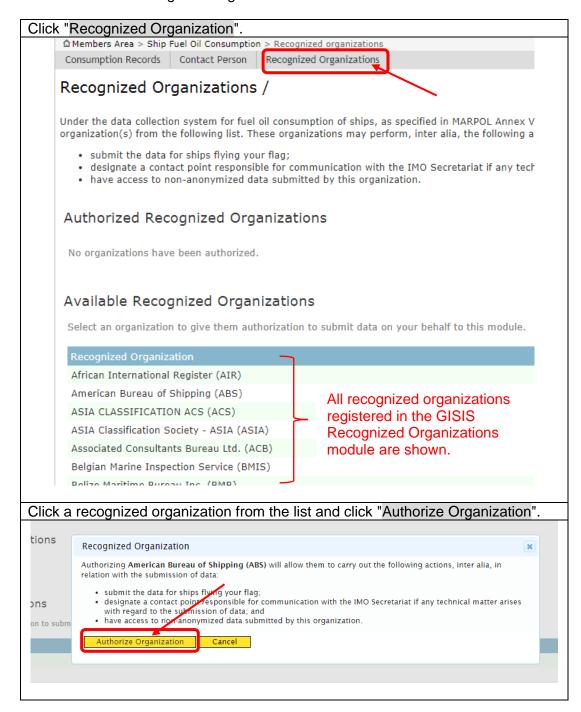


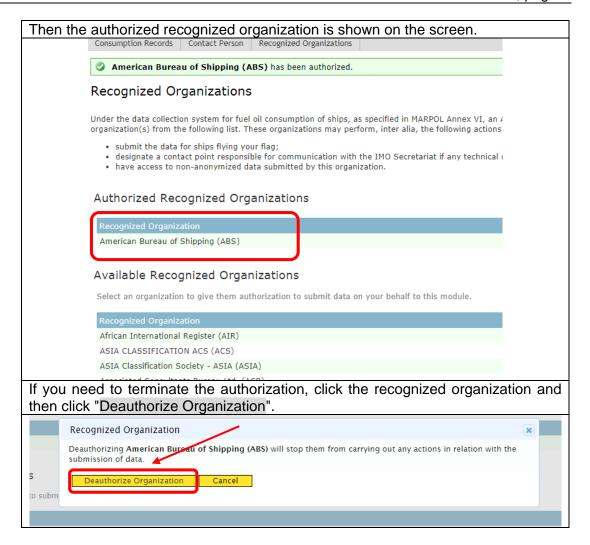
3 Submission of data and revision of the data already submitted





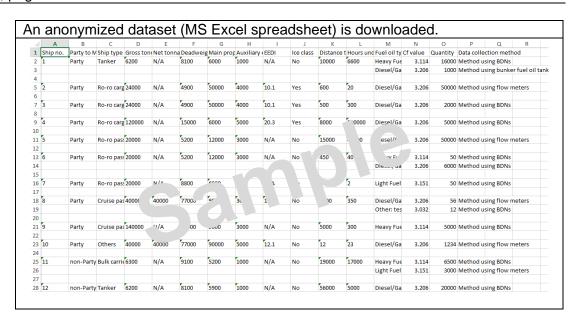
4 Authorization of a recognized organization for submission of data



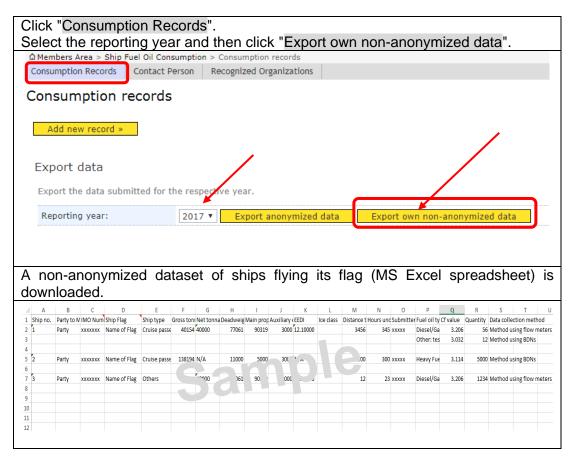


5 Export of anonymized dataset





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



7 Data submission via Extensible Markup Language (XML) format

In addition to the Database within the GISIS platform, the Extensible Markup Language (XML) format is developed for bulk data submission from Member States. Member States that need to use the XML format should contact the Secretariat (dcs@imo.org) for further information.

APPENDIX 2

GUIDANCE FOR NON-PARTIES TO MARPOL ANNEX VI

As identified in paragraphs 3 and 4 of MEPC.1/Circ.871 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.

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

In order to enable users to access the Database, GISIS administrator is requested to assign the following User Role(s):

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

User Roles

GISIS modules

☐ Ship Fuel Oil Consumption manager (i)

 \square Ship Fuel Oil Consumption user \bigcirc

The module manager 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) to the information on the contact person, data submitted, non-anonymized data of ships flying its flag.

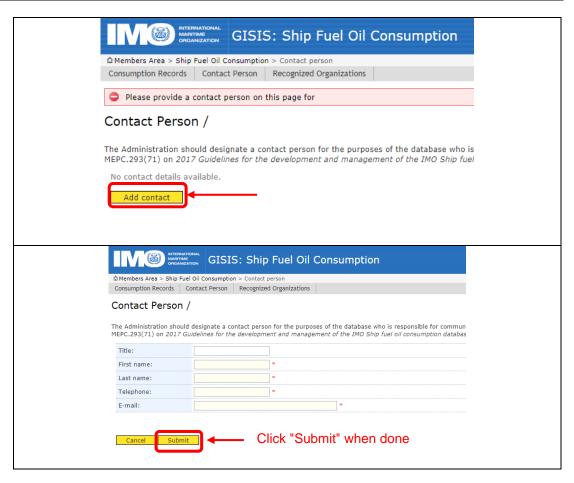
2 Log into the Database and designation of a contact person

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

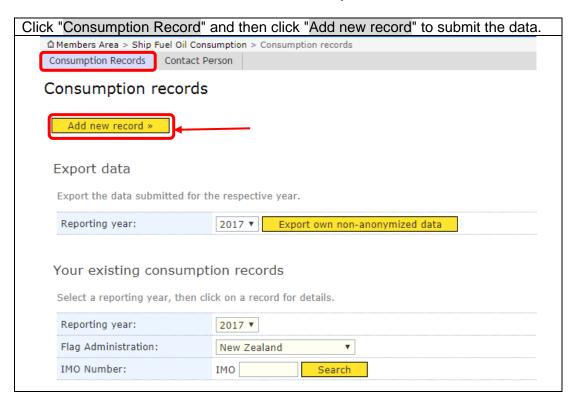


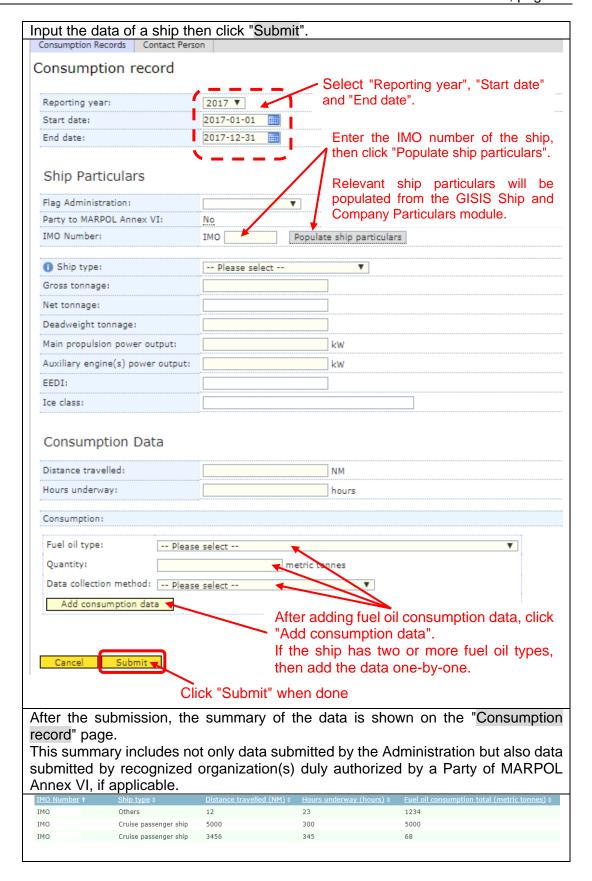
When the module manager first logs into the Database, they are requested to designate a contact person for the purposes of the database who is responsible for communication with the Secretariat if any matter arises with regard to the submission of data by the respective Administration.

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



3 Submission of data and revision of the data already submitted





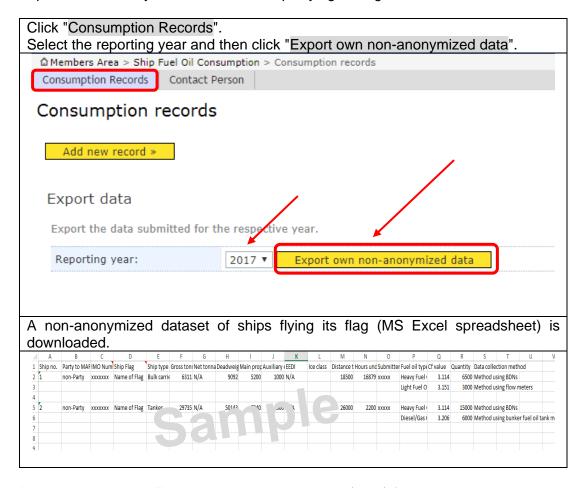
4 Authorization of a recognized organization for submission of data

Noting that MEPC.1/Circ.871 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.

5 Export of anonymized dataset

Noting that regulation 22A.11 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.

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



7 Data submission via Extensible Markup Language (XML) format

In addition to the Database within the GISIS platform, the Extensible Markup Language (XML) format is developed for bulk data submission from Member States. Member States that need to use the XML format should contact the Secretariat (dcs@imo.org) for further information.

APPENDIX 3

GUIDANCE FOR RECOGNIZED ORGANIZATIONS

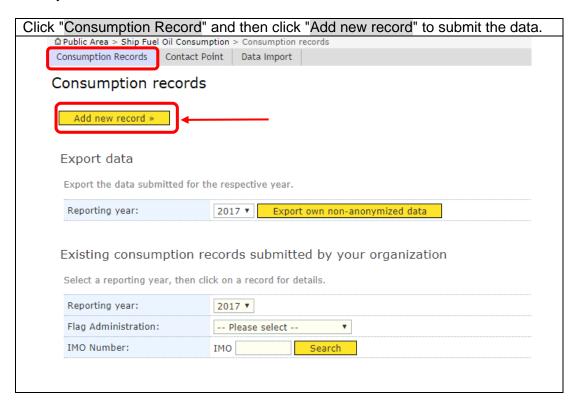
A recognized organization can access the Database and submit the fuel oil consumption data only after it has been authorized by a Party to MARPOL Annex VI to submit data on its behalf via the Database (see section 4 of appendix 1). A recognized organization can also submit data for non-Party ships.

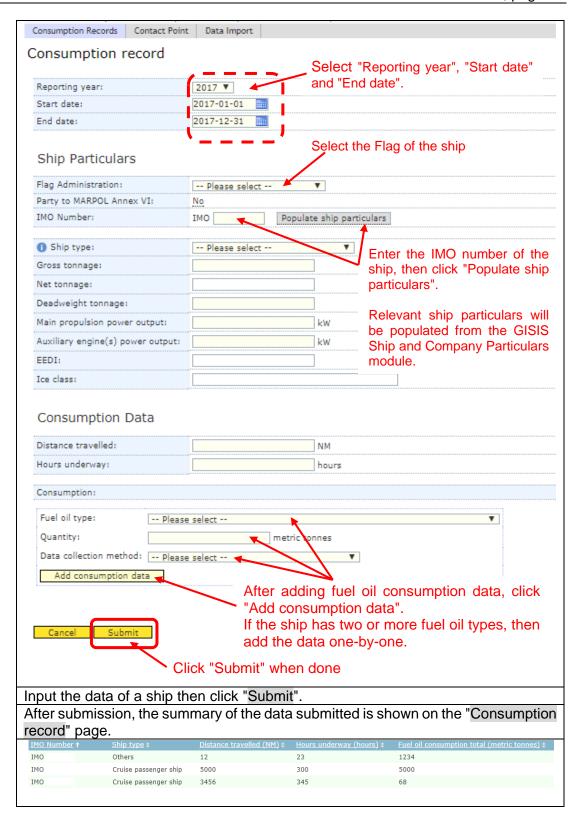
In order to enable a user of a recognized organization to access the Database, the recognized organization is requested to contact the Secretariat (dcs@imo.org). The Secretariat will provide the necessary information on the web accounts (for data submission by GISIS and the XML format) to it.

1 Log into the Database and designation of a contact point.



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





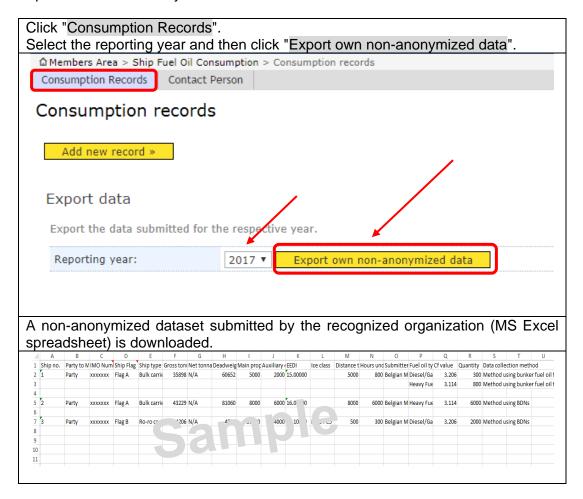
3 Submission of data of non-Party ships and revision of the data already submitted

In accordance with MEPC.1/Circ.871 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 of 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 2 of this appendix.

4 Export of anonymized dataset

Noting that regulation 22A.11 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.

5 Export of own non-anonymized dataset



6 Data submission via Extensible Markup Language (XML) format

In addition to the Database within the GISIS platform, the Extensible Markup Language (XML) format is developed for bulk data submission from recognized organizations. Special web accounts to submit data by the XML format will be provided to recognized organizations that have been authorized by a Party to MARPOL Annex VI for submission of fuel oil consumption data. Should further information or assistance be needed, please contact the IMO Secretariat (dcs@imo.org).