

**ICES**International Council for
the Exploration of the Sea**CIEM**Conseil International pour
l'Exploration de la MerICES Data Centre – DATRAS
2.0 Units in DATRAS – 2014

DATRAS Guidelines Document

How to upload data to DATRAS

A short step-by-step guide with pictures

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File preparation

Make sure that the following rules apply to your data file.

- Each data file has a unique combination of country, ship, gear, year, and quarter references.
- A valid file should contain at least 2 record types:
 - HH – Haul Information
 - HL – Length based informationAnd, when applicable, a third record type:
 - CA – Age based information
- The data should be compiled in a comma-separated file (CSV).
- Each record is reported in a separate line, no empty lines or lines with headers are allowed.
- Every record should have the amount of fields as defined in the survey format. So make sure that the data file complies with the [survey format](#).
- Each field is separated by commas, while decimal values are reported with points.
- Do not report empty fields, use '-9' for the absent values. For fields-specific information like data type, species codes, etc., refer to [DATRAS FAQ documentation](#).

File screening

Before the file can be uploaded to DATRAS, it passes the screening utility that aims to verify and provide information about quality of the data file.

1. Go to the [DATRAS home page](#) and choose “**Upload survey data**” from the right-hand menu.

DATA PORTALS

› ICES data portal

THEMATIC

- › All data
- › **DATRAS**
- › DOME (Marine Environment)
- › Eggs and larvae
- › Fish stomach
- › Historical plankton
- › Oceanography

LOGIN REQUIRED

- › InterCatch
- › Regional DataBase FishFrame

DATRAS

DATRAS is an online database of trawl surveys that allows users to upload survey data and anyone to access the data products

DATRAS (the Database of Trawl Surveys) has been developed to collate and document the survey data, assure data quality, standardise data formats and calculations, and ease data handling and availability. With the possibility for instant remote access, the data from DATRAS are used for stock assessments and fish community studies by the ICES community and public users.

DATRAS stores data collected during various fish trawl surveys coordinated by ICES expert groups. The survey data are covering the Baltic Sea, Skagerrak, Kattegat, North Sea, English Channel, Celtic Sea, Irish Sea, Bay of Biscay and the eastern Atlantic from the Shetlands to Gibraltar. At present, there are more than 45 years of continuous time series data in DATRAS, and survey data are continuously updated by national institutions.

DATRAS has an integrated quality check utility. All data, before entering the database, have to pass an extensive quality check.

Data products (such as CPUE per area or indices) and raw data, can be freely downloaded according to the ICES Data policy.

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USEFUL LINKS

2. On the Data uploading page press the “**Click here**” button:

[ICES home](#) [DATRAS home](#) [Data uploading](#) [Data products](#)

Data uploading

Uploading data is a three stage process.

Stage 1 - the data file must first be screened for errors. If the report produces no errors and the user accepts all warnings reported in the file, the file can pass to the next stage.

Stage 2 – The data is plotted on graphs that allow the user to visually check for outliers. If the user accepts the data and any outliers, the file can pass to the next stage.

Stage 3 – The file is now ready for automatic uploading to the DATRAS database, the user will be prompted to confirm on screen.

[Click here](#) to start screening your file.

[How to upload data into DATRAS](#)

Preparing your data
Use the links further down the page to view the specifications and codes.

Format
The DATRAS database accepts data as defined in the reporting formats.

Reference codes
All reference codes used in ICES databases are stored in one database together with the links between the different codes. The codes relevant to trawl surveys start with "TS_" except codes which are used for both fisheries and environmental data (the code types are: datasets, dataset version, gear, statistical rectangle).

For fisheries data, ICES currently use the TSN codes when storing species information, as the NODC codes are no longer updated.

[Reporting Format](#)
[References Codes](#)
[Species codes: TSN/NODC](#)
[Data policy](#)

3. Enter your user name and password and log in.

If you have an existing login for ICES Community SharePoint, the login information will be the same for DATRAS but excluding the prefix domain "ices\". If you have never made an upload to DATRAS before, contact DATRAS Administration for the upload permissions. If you forgot your password, please visit <http://ices.dk/Pages/Password.aspx> to reset it.

DATRAS



Datras: Login

Log In

User Name:

Password:

Remember me next time.

Click to see data submission deadlines for surveys [Data submission deadlines](#)

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4. Once logged in, you will be on the Data screening page where you will need to browse for your file, choose the survey and maximum number of errors. Then press “**Submit**”.



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Data screening

[Logout](#)

att: DATRAS only accepts WoRMS AphiaID, TSN or NODC code is not allow
Select the data file to screen (maximum 6Mb's)

file1.CSV

Select the data format/version

Beam Trawl Survey ▼

Select the maximum number of errors to report:

10000 ▼

Your e-mail address

user@server1.gov

5. The file summary will then be displayed, where you can check the main file information. Press “Screen file”.



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File summary

[Logout](#)

File name:	file1.CSV
File delimiter:	,
Survey:	Beam Trawl Survey
Quarter:	3
Country:	GFR
Monitoring year:	2014
Error limits:	5000
Data submitter's e-mail:	user@server1.gov

Note: Submitting the file to the ICES server may take some time.

This will depend on the size of the file, the speed of your connection and other inte server.

[Screen file](#)

[Back to screening page](#)

6. A green dotted circle with the word SCREENING will appear. Screening might take some time due to size of the file, network traffic and connection quality. So please be patient and wait until the next page with screening results loads.

File summary

[Logout](#)

File name:	file1.CSV
File delimiter:	,
Survey:	Beam Trawl Survey
Quarter:	3
Country:	GFR
Monitoring year:	2014
Error limits:	5000
Data submitter's e-mail:	user@server1.gov

Note: Submitting the file to the ICES server may take some time.

This will depend on the size of the file, the speed of your connection and other internet server.

Screen file



[Back to screening page](#)

7. Screening results will appear as an online list of errors and warnings found in the file. In addition, the link to the list will be automatically sent to your mailbox from DATRAS Administration, so it can be accessed at any time. You might need to check your spam folder to find the mail.

If the same error/warning was found in the file several times, it will be aggregated in a separate list in the screening results.

If no errors/warnings were found in the file, or they are not critical, check the **check-boxes** in the Accept column and press the “**Continue**” button.

If no check-boxes appear in the Accept column, the file contains critical errors or warnings that should be corrected before the file can be uploaded. Correct the errors in the data-file, and screen your file again.

Screening results

[Logout](#)

Result from the ICES Data Screening Utility program for the following data:

Country: SWE	Email: user@server1.gov
Dataset: Baltic International Trawl Survey	Submitting date: 29-07-2014 12:07:00
File name: file1.CSV	Number of records in file: 379
Monitoring year: 2013	Max. Errors to return: 5000

Number of records per record type:

Record: HH	3 Row(s)
Record: HL	241 Row(s)
Record: CA	135 Row(s)

Line number	Error Description	Severity	Error Value(s)	Error fields	Accept	Error/Warning list	?
	Missing values in mandatory field	warning	-9 ;4	Maturity; NoOfMissingValues	<input checked="" type="checkbox"/>		
1	Haul is outside of the survey area	warning	1;61.6750;20.4852	HaulNo;ShootLat;ShootLong	<input type="checkbox"/>		

Press the question mark (?) at the end of the error line to get an explanation of the error and suggestions on how to correct it

8. Providing the age-based information was supplied, a page with data length-weight outliers will be loaded, where you can check outliers for each species in the CA records. When you have visually confirmed the outliers, press the “**Continue**” button once again

Outliers

[Logout](#)

This file contains data for **11** species

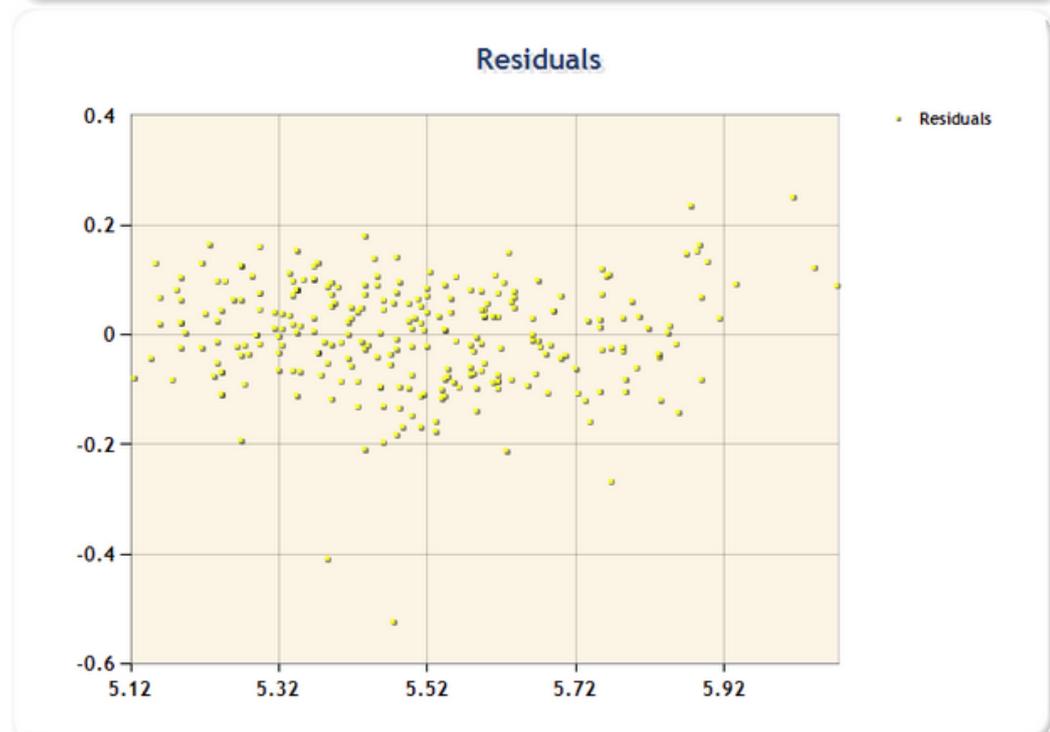
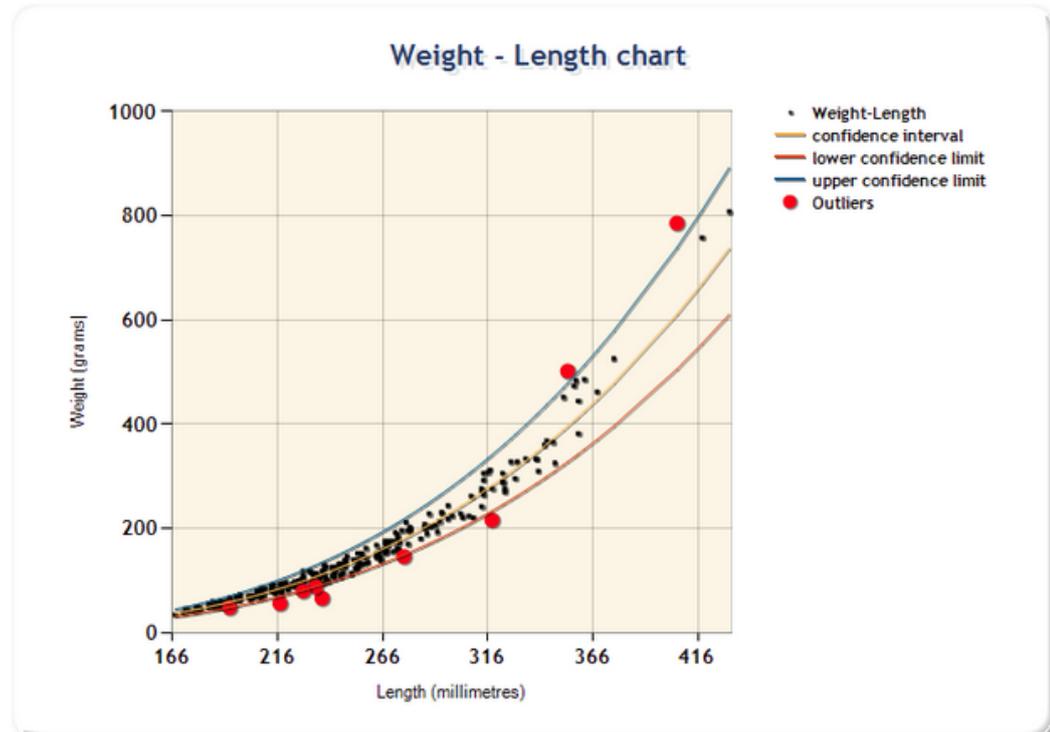
Species: **11** Solea solea (code:127160)

Probability level: 0.05

Previous species <<

>> Next species

Change



If you accept that your data is correct, then upload your file to DATRAS [Continue](#)

File uploading

1. The Upload page will appear on the screen. In case of resubmission, an additional message about the previous submission will appear. If you're sure that you want to (re)upload the file, press the button "Upload file".

Upload the file to DATRAS

[Logout](#)

File information:

File name:	file1.CSV
File delimiter:	,
Survey:	Beam Trawl Survey
Quarter:	3
Country:	NED
Monitoring year:	2005
Data submitter's e-mail:	anna.osypchuk@ices.dk
Remarks:	

There is already data in the database, uploaded on Mar 12 2014 1:29PM, this resubmission will overwrite your previous data.

2. A green dotted circle indicates uploading is in progress will appear. Uploading might take some time due to the size of the file, network traffic and connection quality. So please be patient and wait until the next page is loaded.

Upload the file to DATRAS

[Logout](#)

File information:

File name:	2010q3IBTSSCO.dat
File delimiter:	,
Survey:	North Sea International Bottom Trawl Survey - from 2004
Quarter:	3
Country:	SCO
Monitoring year:	2010
Data submitter's e-mail:	anna.osypchuk@ices.dk



UPLOADING

[Back to screening page](#)

3. If the file was successfully uploaded, you will see the message as below:

Upload the file to DATRAS
[Logout](#)

File information:

File name: 2010q3IBTSSCO.dat
File delimiter: ,
Survey: North Sea International Bottom Trawl Survey - from 2004
Quarter: 3
Country: SCO
Monitoring year: 2010
Data submitter's e-mail: anna.osypchuk@ices.dk

The file was successfully uploaded to DATRAS

[Back to screening page](#)

4. If the process was interrupted or you have doubts whether the file was uploaded successfully, check the status of your data submission. Choose the relevant survey, year and quarter, and check when the latest submission for the vessel was made into the database.

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> ICES data portal

THEMATIC

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USEFUL LINKS

- [> Reporting Format](#)
- [> Data submission deadlines](#)
- [> Submission status](#)
- [> World Register of Marine Species](#)
- [> Species Query Tool](#)
- [> Metadata of the datasets](#)

DATRAS

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[Admin](#)

Submission Status

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Select a Survey

Baltic International Trawl Survey

Select start year

1965

Select end year

2014

Select quarter

1

Survey	Year	Quarter	Ship/Country	Number of hauls	Insertion date
BITS	1991	1	ARG/SWE	6	20/01/2006,14:39
BITS	1991	1	ARG/SWE	30	20/01/2006,14:40
BITS	1991	1	DAN2/DEN	3	08/06/2004,15:37
BITS	1991	1	DAN2/DEN	2	08/06/2004,15:38
BITS	1991	1	DAN2/DEN	64	08/06/2004,15:39
BITS	1991	1	GDY/POL	72	02/11/2006,16:54
BITS	1991	1	SOL/GFR	53	23/12/2005,16:20
BITS	1991	1	SOL/GFR	28	23/12/2005,16:23
BITS	1991	1	SOL/GFR	51	23/12/2005,16:25
BITS	1991	1	ZBA/LAT	63	06/07/2006,15:15
BITS	1992	1	ARG/SWE	10	09/03/2012,16:32
BITS	1992	1	ARG/SWE	29	09/03/2012,16:42
BITS	1992	1	CLP/GFR	21	23/12/2005,14:55
BITS	1992	1	DAN2/DEN	64	07/06/2004,16:43
BITS	1992	1	GDY/POL	34	02/11/2006,16:47

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USEFUL LINKS

- [› Reporting Format](#)
- [› Data Submission Deadlines 2014](#)
- [› Submission status](#)
- [› World Register of Marine Species](#)

File re-uploading

Re-uploading of the data does not have essential differences from the first-time upload. So follow the same steps as described above, and the uploaded file will overwrite the previous submission.

In case of re-uploading with different key values for country, ship, year, quarter, gear, the submission will not be overwritten. Thus, contact [DATRAS administration](#) to remove the old entry.