File and Data Search Guidelines

You searched our database and have a list of possible files to order that looks like this:

Here you can download all or select specific files using the ordering system or download individual files just by clicking over the filename.

You will need to **login in Earthdata** to be able to order or download individual files. A prompt to login in will show in the same window or a new tab.

To download individual files, **click over the desired file** and follow your web browser instructions to download a file. This can be helpful when exploring a file and you wish to know if the files have associated files, for example. Please be aware, this option will not download the documents, calibration, or associated files. You will need to place an order to get all the complimentary information associated with the file of interest.

Documents and calibration files will ALWAYS be included in your order, but associated files not. Some files may contain associated files, which are complimentary data such as imagery, metadata, raw data files, or other related data. Associated files are NOT automatically included in the order, so you will need to click the box to include all associated files.

To know which documents or calibration files are associated to a specific data file, please refer to the SeaBASS documents and calibrations headers (see prints screen below) in the file (download one to preview using any text editor). The file headers will also let you know if that dataset has associated files and what they are.

IMPORTANT: "sb" files are text files. Any text editor should be able to open them.
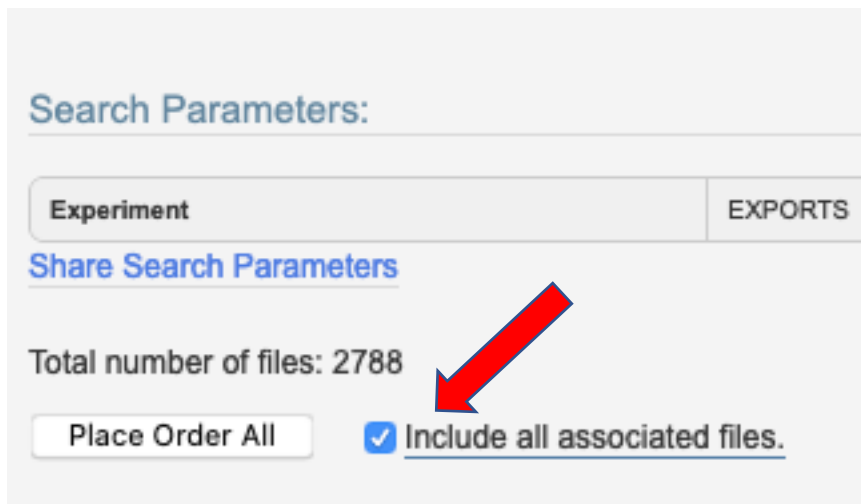
SeaBASS file example showing the documents, calibration and associated files headers:

```
/begin_header
/identifier_product_doi=10.5067/SeaBASS/EXPORTS/DATA001
/received=20200408
/investigators=Craig_Carlson,Brandon_Stephens
/affiliations=University_of_California_Santa_Barbara
/contact=craig_carlson@ucsb.edu
/experiment=EXPORTS
/cruise=EXPORTSNP
/station=Ocean_Station_Papa
/data_file_name=EXPORTS-EXPORTSNP_DNA_Process_20180815_R2.sb
/documents=Carlson_Hansell_DNA_Sample_Collection.docx
/calibration_files=no_cal_files
/data_type=bottle
/data_status=final
/start_date=20180815
/end_date=20180908
/start_time=05:46:00[GMT]
/end_time=22:04:00[GMT]
/north_latitude=50.640[DEG]
/south_latitude=49.809[DEG]
/east_longitude=-141.392[DEG]
/west_longitude=-145.363[DEG]
/water_depth=4200
/measurement_depth=NA
/missing=-9999
/delimiter=comma
/fields=R2R_Event,date,depth,DNA,associated_files,associated_file_types
/units=none,yyyymmdd,m,mg/m^3,none,none
/associated_archives=EXPORTS_Carlson_16s_Raw.tgz
/associated_archive_types=DNA-FASTQ
!
!date=UTC time zone
!
!Version R2 includes the date field
!COMMENTS
```

Documents and calibrations files for this specific dataset. They will be located in the documents folder inside your

This dataset has associated files, please check the associated files box when ordering them. You will get them inside a folder called associated_files

To order all the files in your search click "Place Order All". Remember to click "include all associated files" if you need those. Note, those files can be large and delay your order!

Search Parameters:

Experiment	EXPORTS

Share Search Parameters

Total number of files: 2788

Place Order All   ☑ Include all associated files.

To order specific files, click the "Download Selection Tab". Remember to click include all associated_files if necessary. Finally place your order.

As soon as you click Place Order, you will need to enter your Earthdata username and login.

Sometimes after login in for first time, it brings you back to your selection page and you may need to hit place order again. If your order was placed successfully, you will see a Thank you note:

Below that "Thank you" note, you will see some instructions on how to confirm your order:

There is still **ONE MORE** thing needed to be done in order to receive
your order. The id of your requested order is 205081cdd5ea056f. You will
now need to confirm this order. Please use one of the following methods to confirm your order.

CONFIRMATION VIA EMAIL
Check your email at inia.m.sotoramos@nasa.gov, making sure that you are replying from the same email address which
you indicated in the order form. Your order will be automatically
confirmed and a subsequent email will be sent telling you where your files are staged.

CONFIRMATION BY WEB
If you are an Ocean Color Support Services registered user you may conveniently confirm and monitor all your orders using the following web page:
https://oceandata.sci.gsfc.nasa.gov/odps/orders/.
If you are not a registered user, you may become one by going here:
https://urs.earthdata.nasa.gov/users/new

If you decide to confirm by e-mail, just reply to the "dataorders@seawifs.gsfc.nasa.gov" e-mail like the example below. The e-mail may take a few minutes to arrive, and it will be sent to the e-mail used on your Earth data account. A few minutes after replying, you should get an e-mail that the order is confirmed and being staged.

Your order [205081cdd5ea056f]

D dataorders@seawifs.gsfc.nasa.gov
   Tue 7/13/2021 1:07 PM
   To: Soto Ramos, Inia M. (GSFC-616.0)[USRA]

We have received your request for SeaBASS data.

There is still ONE MORE thing needed to be done in order to receive
your order. The id of your requested order is 205081cdd5ea056f. You will
now need to confirm this order. Please use one of the following methods to confirm your order.

CONFIRMATION VIA EMAIL
You can simply respond to this email without modifying the email,
making sure that you are replying from the same email address which
you indicated in the order form; then your order will be automatically
confirmed and a subsequent email will be sent telling you where your files are staged.

CONFIRMATION BY WEB
If you are an Ocean Color Support Services registered user you may conveniently confirm and monitor all
your orders using the following web page:
https://oceandata.sci.gsfc.nasa.gov/odps/orders/.
If you are not a registered user, you may become one by going here:
https://urs.earthdata.nasa.gov/users/new

If you decide to confirm via web (recommended), you will be able to access the ordering system and see the status of your files and retrieve them from there. To do that, visit the following Order Manager link and log in to your Earthdata account if prompted:

https://oceandata.sci.gsfc.nasa.gov/odps/orders/

Once you click confirm your order status will say CONFIRMED and soon STAGED. You may need to refresh the page to see the updates.
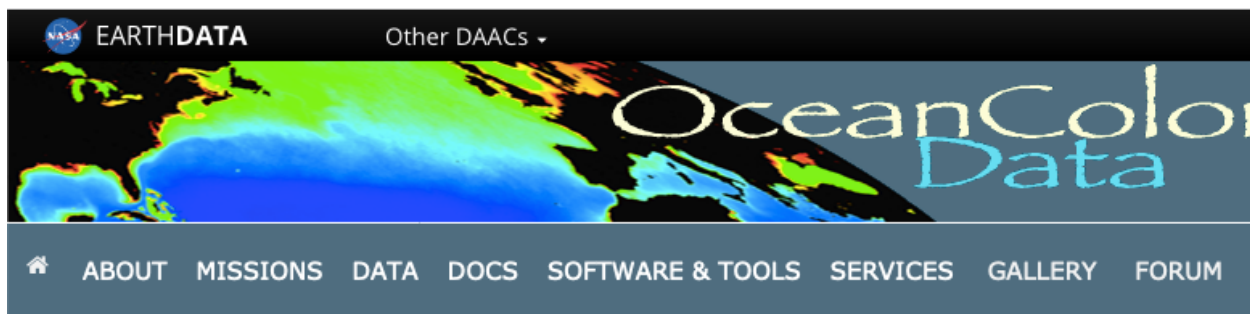

Once the files are ready, you will see STAGED under the order status:

There are several ways to download the data. If you click on the Order ID (green circle above), you will get additional order details, and there you can download a tar.gz file that contains all your data.

If you click the green arrows next to Show files and Download files, you will see the files in your order and will be given the option to click over the *.tar file (or multiple tar files for very larger orders) and download the files to your computer. We created a document with suggestions for opening this file using Windows. See the "How to order files" SeaBASS webpage.

Status for Order Id : 205043880bf40461

Order Id	205043880bf40461
Email Address	inia.m.sotoramos@nasa.gov
Base File Count	4
No Extract Possible	0
Base Files Staged Thus Far	4
Base Files Currently Staged	4
Base Files To Be Staged	0
Files Deleted	0
Percent Processed	100.00%
Status	STAGED

▲ Hide Files

```
1    771c20f8ed_EXPORTS-EXPORTSNP_ABS-ctd_survey_201808112000_R1.sb
STAGED
2    771c20f8ed_EXPORTS-EXPORTSNP_ABS-ctd_survey_201808112015_R1.sb
STAGED
```

▲ Hide Files

requested_files_1.tar

To download the files with HTTP, first download the http_manifest.txt file for your order. This file contains URLs for each file in your order. You can use the manifest file as an input to a utility such as wget or curl to download the files. Download the manifest file using the link in your e-mail or the link on the order manager site:

Order Actions	Order ID	HTTP Manifest	Status	Base
	3030737743e30465	http_manifest.txt	REMOVED	3
	205081cdd5ea056f	http_manifest.txt	REMOVED	2
	607052d5dfe0096e	http_manifest.txt	REMOVED	2
Delete	205043880bf40461	http_manifest.txt	STAGED	4

Please see the following page for instructions and examples for using our HTTPS API to download the files in your order.
https://oceancolor.gsfc.nasa.gov/data/download_methods/#orders_sec

You may direct any questions or problems to our project forum, but please read the FAQs first to see if you can find your answer in one of them.
https://forum.earthdata.nasa.gov/app.php/tag/OBDAAC,SeaBASS