

# ARGOSWEB

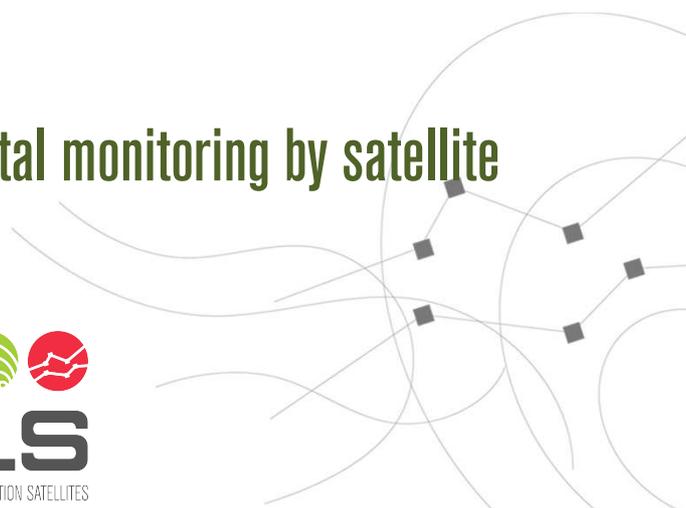
## USER MANUAL

Updated September, 2017

**ARGOS**  
POWERED BY CLS

## Argosweb

Worldwide tracking and environmental monitoring by satellite



## Introduction

Argos is a global satellite-based location and data collection system dedicated to studying and protecting our planet's environment.

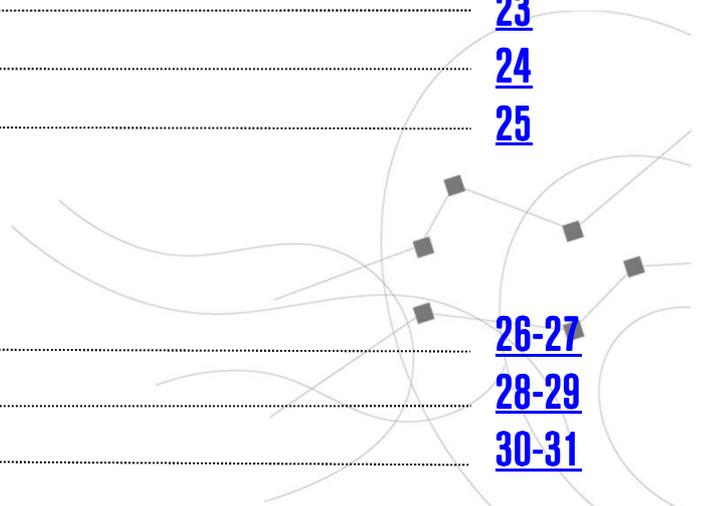
It allows any mobile object equipped with a compatible transmitter to be located across the world. It also offers the possibility of collecting data from measurement sensors connected to this transmitter. The rules of the Argos system restrict its use to programs for studying and protecting the environment and protecting human life or programs of declared government interest. The Argos system results from Franco-American cooperation involving:

- CNES (*French Space Agency*),
- NOAA (National Oceanic and Atmospheric Administration), with support from NASA (National Aeronautics and Space Administration),
- Eumetsat (European meteorological organization),
- ISRO (Indian Space Research Organization),
- CLS (*Collecte Localisation Satellites*), operator of the system.



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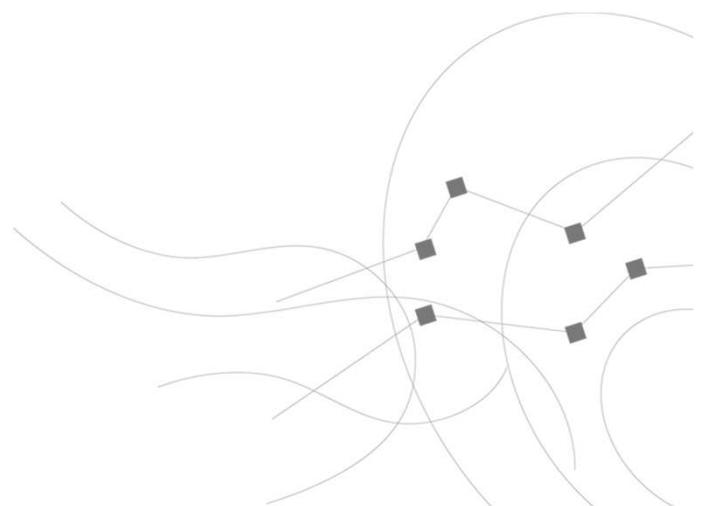
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# Introduction

## Multi site access and user-friendly

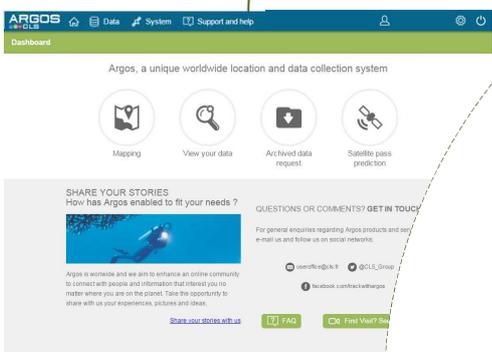
ArgosWeb is an attractive, practical and user-friendly website designed and created by CLS to provide you with secure and easy access to your Argos Data.

This exhaustive guide provides you with all the information you'll need to get started.

This new version works on all browsers and tablets (Android, Ipad).

For Internet Explorer users, we recommend at least [IE 9](#)

If you need further assistance, please don't hesitate to contact your local customer service.



View your data

Quick link to the Argos Messages



Satellite pass prediction

Quick link to the Satellite Pass prediction tool



Mapping

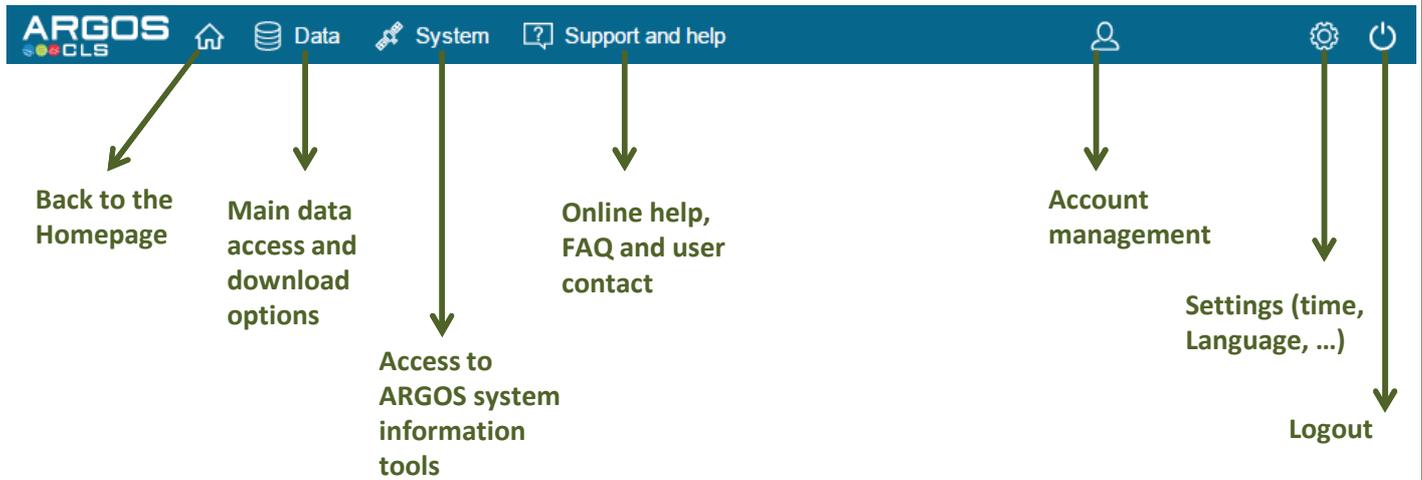
Quick link to mapping tool



Archived data request

Quick link to Request Archived data

# Menu and settings



This menu allows you to access your user, program and platform information. From here, you can also add/delete **guest accounts**, **renew your SUA**, **request new ID numbers** and **view your account activity**.

- Programs
- Platforms
- User information
- Guest account
- SUA & Id request...
- Account activity...

This menu allows you to change the preferences. Very useful to select the language and change the format which will be used in the data grid.

Preferences

Language:  Français,  English,  Español

Format: Date: dd/MM/yyyy, Time:  24h  12h, Time zone:  UTC  Local, Location: 52°54'30.89 W, Units:  Nautic,  Metric,  English, Download:  DOS  UNIX (®) (cr+®)

Save Cancel

## How can I change my settings?

This page allows you to define your display settings

ARGOS [Data](#) [System](#) [Support and help](#)  

Dashboard

Argos, a unique worldwide location and data collection system

Preferences

Language

Language:  Français  
 English

Format

Date:

Time:  24h  12h

Time zone:  UTC  Local

Location:

Units:  Nautic  
 Metric  
 English

File format:  DOS  UNIX (lf)  
(cr+lf)

Google Earth export

Export error ellipse



Format settings (units, etc.) changes will impact all data access methods (mapping, download, etc)

## My Account



This menu allows you to access to:

**Programs**: View your program(s) and add accounts on copy

**Platforms**: View your platforms and add platform names

**User information**: Change your user information

**Guest accounts**: Create accounts for your colleagues to view all or some of your data

**SUA & ID request**: Add a new program, request new Ids, renew SUAs and download the System Use Policy

**Account activity**: Download the platforms activity in your program(s), check for unused IDs

## How can I add accounts on copy on my programs or platforms?

ARGOS  
CLS

Dashboard

MY ACCOUNT

- Programs
- Platforms

Programs

Display:  My programs  Programs on copy [Export](#)

Number ↑	Name	Person in charge	Organization	Nb pla
1234	EXAMPLE PROGRAM	SMITH	CLS	2

Program details

Name:  Person in charge:

Organization:  SUA number:

SUA end validity date:  Contract number:

Nb platforms:

List of accounts on copy

User ↑	Person in charge	Organization	Copy start	Copy end
+				

Add account on copy

User:

Copy start:

Copy end:



Note that the **program details cannot be modified**

Note that **the account on copy is to share information about one program or platform**. The user on copy has to already be registered on ArgosWeb.

## How can I edit my platforms?

ARGOS Data System Support and help

Dashboard **MY ACCOUNT**

Platforms

Platforms

Display:  My platforms  Platforms on copy Export

Number ↑	Name	Platform type	Model	Program number	Manufacturer	Person in charge
12345		BIRD		1234		SMITH



**Information**

Name:  Platform type:  Model:

Manufacturer:  PTT: PTT Template format:

Person in charge:  Hexadecimal ID:  Family: BIRDS

Last transmission date:  Description:

**Location**

Average speed: 16   m/s  Location algorithm: Kalman filtering  Initial Location Date:

Altitude:  Initial Latitude:  Initial Longitude:

List of accounts on copy

User ↑	Person in charge	Organization	Copy start	Copy end
--------	------------------	--------------	------------	----------



Note that, **when grayed**, information cannot be edited

## How can I change my user information?

ARGOS  
CLS

Home Data System Support and help

Dashboard MY ACCOUNT

User information

User information

Identity  
Last name: SMITH First name:

Organization  
Name:  
Address:  
Zip Code: City:  
State: Country:

Contact Information  
Phone: Mobile:  
Calendar: Email:

Save Cancel



Note that, **when grayed**, information cannot be edited

Note: this sends an email **to your local customer support office** who will update the information in our database

## How can I create guest accounts?

The screenshot shows the ARGOS system interface. At the top, there is a navigation bar with the ARGOS logo, a home icon, 'Data', 'System', and 'Support and help'. Below this is a 'Dashboard' section with a 'MY ACCOUNT' button. A 'Guest account' link is visible below. A table with columns 'Username ↑', 'Valid from', and 'Expiry date' is shown, with a '+' icon in the top right corner. Below the table is a 'Guest account details' form with fields for 'User:', 'Password:', 'Confirm:', 'Valid from:', and 'Expiry date:'. At the bottom right of the form are 'Save' and 'Cancel' buttons.



**Guest accounts** allow you to create accounts so that you can share information of your choice with people who do not have an Argos account. See the next page to see how to choose the information you wish to share.

How can I choose what information to share with my guest accounts?

**Guest account** +

Export

Username ↑	Valid from	Expiry date
  TEST	03/22/2016	

 **TEST**

Password:  Confirm:

Valid from:   Expiry date:  

**Available programs** ↑ +

Number ↑	Name	Person in charge	Organization	Copy
----------	------	------------------	--------------	------

**Available platforms** ↑ +

Number ↑	Name	Platform type	Model	Pro
----------	------	---------------	-------	-----

**Add programs**

Search criteria:  Selection: All

Copy start:  

Copy end:  

Save Cancel

**Add platforms**

Search criteria:  Selection: All

Copy start:  

Copy end:  

Add Cancel

How can I register a new program?

The screenshot shows the ARGOS user interface. At the top, there is a navigation bar with the ARGOS logo, a home icon, 'Data', 'System', and 'Support and help'. Below this is a 'Dashboard' menu with a 'MY ACCOUNT' button. A red dashed arrow points from the user profile icon in the top right to the 'MY ACCOUNT' button. Below 'MY ACCOUNT' is a 'SUA & Id request...' menu with a right arrow icon. A red dashed arrow points from this menu to a 'SUA & ID REQUEST' button. Below this is another 'SUA & ID REQUEST' menu with a right arrow icon, which points to a 'New program registration' menu. A red dashed arrow points from this menu to a 'New program registration' form. The form contains several input fields: 'Last name:', 'First name:', 'Service:', 'Organization:', 'Address:', 'Zip Code:', 'City:', 'State/Province:', 'Country:', and two fields with icons (envelope and phone). At the bottom right of the form, there are 'Next' and 'Cancel' buttons. The 'Next' button is highlighted with a red box.



Complete all the pages of the form and an email will be sent to your local customer service office where they will process your request.

### How can I request new ID numbers?

ARGOS  
CLS

Home Data System Support and help

Dashboard MY ACCOUNT

SUA & Id request...  
SUA & ID REQUEST  
ID number request

Id Request

Program:

Total number of ID(s) required:  - +

Starting date of deployment:

All Id requests

Number of platforms	Platform type	Platform model
---------------------	---------------	----------------

Form ID Number Request

Platform

Number of platforms:  - + Platform manufacturer:

Platform family:  Platform model:

Platform type:

Other platform type:

Next



Complete all the pages of the form and an email will be sent to your local customer service office where they will process your request.

### How can I renew my SUA?

The navigation menu includes the ARGOS logo, a home icon, 'Data', 'System', and 'Support and help'. Below this, there is a 'Dashboard' button and a 'MY ACCOUNT' button. A red dashed arrow points from the user profile icon in the top right to the 'MY ACCOUNT' button. Below 'MY ACCOUNT' is a 'SUA & Id request...' button, and below that is a 'SUA & ID REQUEST' button. A red dashed arrow points from the 'SUA & ID REQUEST' button to the 'SUA renewal' link below it.

SUA renewal

Export

Reference	Description	Status	Approval date	Deployment date	End validity
1234/1	Example	Expired	2012-09-21	2012-10-31	2015-09-20

Renew your current System User Agreement

Program administrator (user)

Last name:  First name:

Service:  Organization:

Address:

Zip Code:  City:

State/Province:  Country:

Next  Cancel

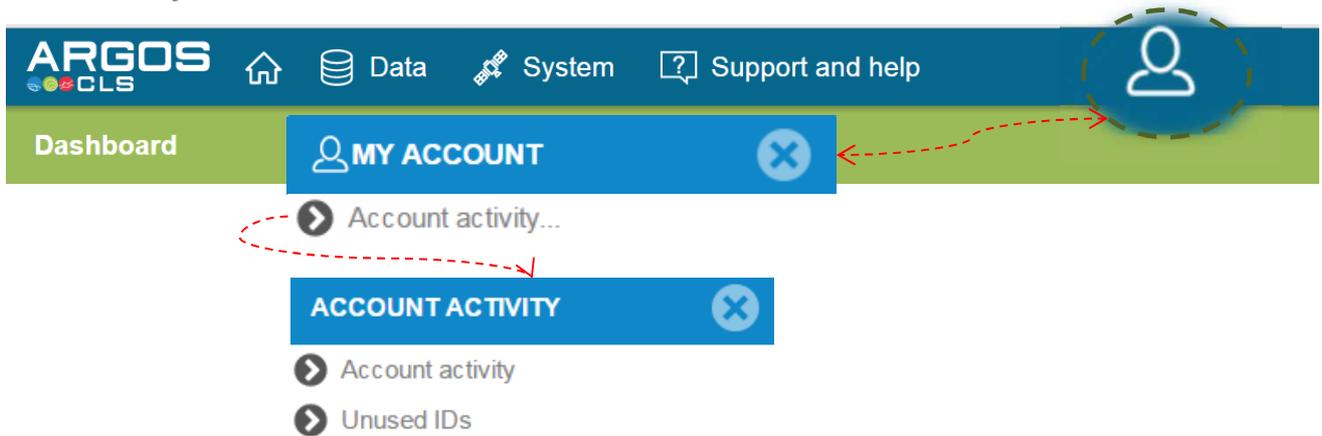


Complete all the pages of the form and an email will be sent to your local customer service office where they will process your request.

### How can I monitor my account activity and my unused IDs?

Account activity allows you to monitor the number of days each platform has transmitted in the month.

Unused IDs are IDs that have not transmitted for two years. This tool allows you to see which of your IDs are classed as unused.



**Account activity**

Start date:  End date:

Program:

<input checked="" type="checkbox"/>	Name	Description
<input checked="" type="checkbox"/>	N° ID	Platform number
<input checked="" type="checkbox"/>	Service	Platform service
<input checked="" type="checkbox"/>	Family	Platform family

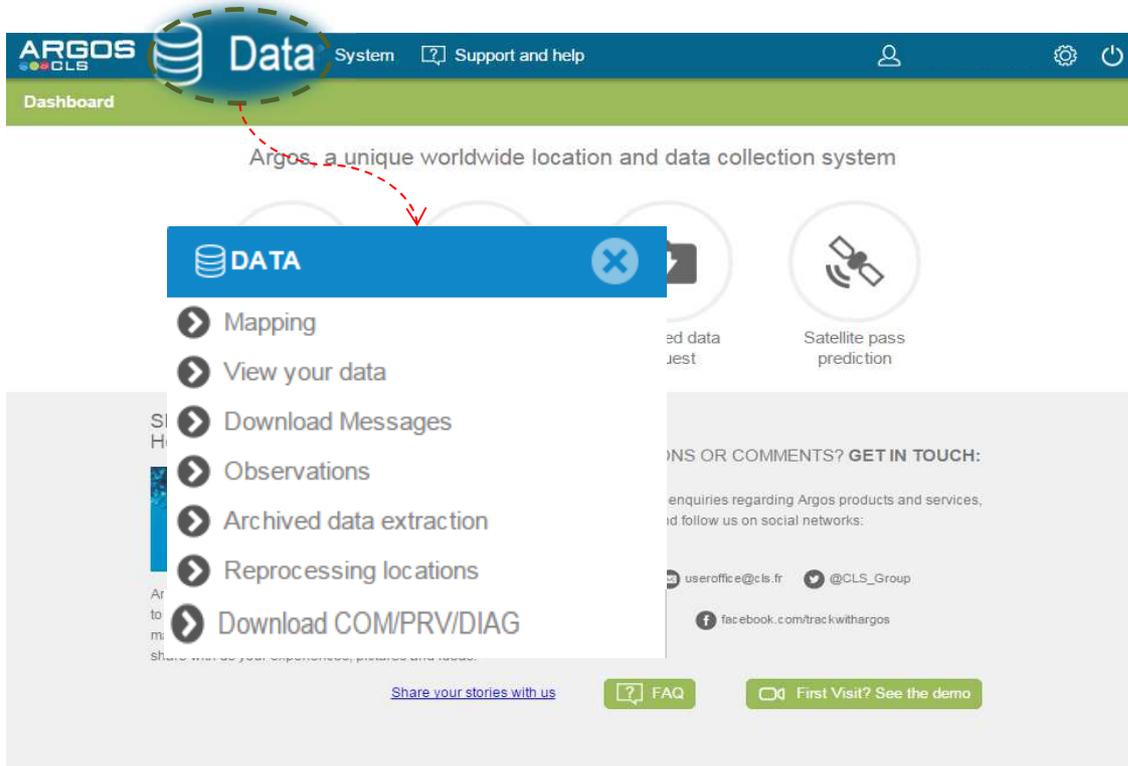
**Unused IDs**

Start date:  End date:

Program:

<input checked="" type="checkbox"/>	Name	Description
<input checked="" type="checkbox"/>	N° ID	Platform number
<input checked="" type="checkbox"/>	Type	Platform type
<input checked="" type="checkbox"/>	Program number	Program number
<input checked="" type="checkbox"/>	Program name	Program name
<input checked="" type="checkbox"/>	First name of program manager	First name of program manager
<input checked="" type="checkbox"/>	Name of program manager	Name of program manager
<input checked="" type="checkbox"/>	Last transmission date	Last transmission date
<input checked="" type="checkbox"/>	Work units date	Work units date

How can I consult my data?



This menu allows you to access to:

**Mapping**: Direct access to the UMV map (See part 4: mapping)

**View your data**: Have direct access to your information and export them

**Download messages**: Search by criteria (platforms, programs) and download data grid

**Observations**: Set of physical values measured

**Archived data extraction**: Users can request that their archived data be sent to them

**Reprocessing locations**: Users can request location reprocessing

**Download COM/PRV/DIAG**: Certain users have the possibility to download TELNET formats

How can I consult my data?

The screenshot shows the ARGOS Data System interface. At the top, there's a navigation bar with 'ARGOS Data System' and 'Support and help'. Below it, a 'Dashboard' section contains a 'DATA' button and four icons: 'View your data', 'Mapping', 'Archived data request', and 'Satellite pass prediction'. The 'View your data' icon is highlighted with a dashed green circle. Below this is a 'Messages' section with search criteria: 'By platform ID numb. (s)', 'Location class' (G, 3, 2, 1, 0, A, B, Z), 'Time frame' (Between two date), and radio buttons for 'All received messages' and 'Most significant or best on satellite pass'. A 'Select platform IDs' dialog box is open, showing a search bar and a list of platform IDs (53909, 90957) with a 'Value' column. A 'Search' button is highlighted in red. A calendar for April 2016 is also visible, with the 11th highlighted. Red dashed arrows indicate the flow from the 'View your data' icon to the search criteria and the 'Search' button.



**Selection:** You can choose by Platform number/name/model, Program number/name or all

**Time frame:** You can choose by most recent data (last location regardless of the date), the last X days and hours and between two dates. **Note that the last 365 days are available**



How can I download large amounts of data?

The screenshot shows the ARGOS Data System interface. At the top, there's a navigation bar with 'ARGOS Data System' and 'Support and help'. Below it, a 'Download Messages' panel is active. The search criteria section includes options for selection (By platform ID numb. (s)), location class, time frame (Between two date), and message type (All received messages). A 'Select platform IDs' dialog box is open, showing a search bar and a list of platform IDs (53909, 90957). A calendar for April 2016 is also visible, with the 11th highlighted. At the bottom, a table lists columns to be downloaded, such as Name, Platform ID No., Platform, Prig No., Pass dur. (s), Msg Date, Sat., Alarm, Format name, Loc. date, Longitude, Latitude, Altitude, Heading, Speed, Loc. quality, and Frequency. A 'Download' button is at the bottom right.



**Selection:** You can choose by Platform number/name/model, Program number/name or all

**Time frame:** You can choose by most recent data (last location regardless of the date), the last X days and hours and between two dates. **Note that the last 365 days are available.**

**Diagnostic data:** Tick this box for more options such as error radius, lat/long solutions 1 & 2

**Columns:** Choose which columns you wish to display before downloading.

## Observations – What is an observation?

Observations are physical values extracted from Argos messages, dated, given a geolocation and validated. The observation time and location can be computed by sensor values (GPS) transmitted through Argos. To get more information, please contact your local customer office.

The screenshot displays the ARGOS Data System interface. At the top, there is a navigation bar with 'ARGOS CLS', 'Data', 'System', and 'Support and help'. Below this, a 'DATA' header is visible. The main section is titled 'Observations' and contains search criteria: 'Selection: By platform ID numb. (s)', 'Time frame: Between two date', and 'From:' and 'To:' date fields. A 'Select platform IDs' dialog box is open, showing a search bar and a list of platform IDs: 53909 and 90957. A date picker is also visible, showing the month of April 2016 with the 11th selected. Red dashed lines and circles highlight specific UI elements like the search criteria, the dialog box, and the date picker.



**Selection:** You can choose by Platform number/name/model, Program number/name, WMO number or all

**Time frame:** You can choose by most recent data (last location regardless of the date), the last X days and hours and between two dates. **Note that the last 20 days are available.**

**Filter and Export:** As with your messages, You can filter and export your observations . See Data Access: How can I filter and export data?

## How can I download data in COM/PRV or DIAG format?

You can download your data using the telnet formats: COM, DIAG and PRV. You can download an unlimited number of messages from the current day and the past twenty days using this function.

The screenshot shows the ARGOS Data interface for downloading data. The main form includes a 'Type:' dropdown, search criteria (Selection: By platform ID numb. (s)), and time frame (For last days and hours). The 'Last' field is set to 1 Days and 0 Hours. A modal window titled 'Select platform IDs' is open, showing a search bar and a list of platform IDs: 53909 and 90957. A red dashed circle highlights the 'Download' button in the modal.



**Type:** You can choose from COM (most recent data), DIAG (diagnostic information for the current day and previous 20 days for all messages received), PRV DS (data for the current day and previous 20 days for all messages received), PRV TX (most significant message per pass for data for the current day and previous 20 days), PRV/A DS (PRV DS format plus diagnosis information for the current day and previous 20 days)

**Selection:** You can choose by Platform number/name/model, Program number/name, or all

**Time frame:** You can only choose the last number of days/hours

### How can I get up to 1 year's worth of archived data?

The screenshot shows the ARGOS system interface. At the top, there is a navigation bar with the ARGOS logo, a home icon, a 'Data' icon (circled in red), 'System', and 'Support and help'. Below this is a 'Dashboard' section with the heading 'Argos, a unique worldwide location and data collecti'. A 'DATA' menu is open, showing 'Archived data extraction' (circled in red). Below the menu are three icons: 'Mapping', 'View your data', and 'Archived data request' (circled in red). A red dashed arrow points from the 'Archived data request' icon to a table titled 'Archived data extraction'. The table has columns: Ref#, Status, Start date, End date, Format, Type of data to be extracted, Email, Nb PTT/day, and an action column with a '+' icon (circled in red). Below the table is a form titled 'Choose a period and format' with fields for Start date, End date, Email language, Format (radio buttons for CSV, DS, DIAG, DS + DIAG), Type of data to be extracted (checkboxes for Collecte, Localisation, Données expertes), and CSV separator.



Complete all the pages of the form and an email will be sent to your local customer service office where they will process your request.

### Reprocessing locations – What is location reprocessing and how does it work?

The Kalman algorithm reprocessing is a chargeable service to calculate positions with both algorithms, using the interpolated satellite ephemeris. This service is available for messages received after January 1, 2008, and only concerns location information. Fusion with collection data is not available. The output formats (1 file per location type) are described in the form.

The screenshot shows the ARGOS Data System interface. At the top, there is a navigation bar with the ARGOS logo and menu items: Home, Data, System, and Support and help. Below this is a blue bar with 'DATA' and a close button. The main content area is titled 'Reprocessing locations' and features a table with columns: Ref# (with a dropdown arrow), Status, Start date, End date, Email, Nb PTT/day, Contrat No., Start of processing, and End of processing. Below the table is a section titled 'Choose a period and format' which includes:
 

- Start date: [input field with calendar icon]
- End date: [input field with calendar icon]
- [input field]
- Email language: [dropdown menu]
- A calendar for April 2016 with the 11th selected and a time picker set to 00:00.

 At the bottom right of the form, there are 'Next' and 'Cancel' buttons. Red dashed arrows and dashed boxes highlight the 'Data' menu item, the 'Reprocessing locations' link, the 'Choose a period and format' section, and the 'Next' button.



Complete all the pages of the form and an email will be sent to your local customer service office where they will process your request.

## How can I predict satellite passes?

This tool allows you to predict satellite passes over a specified location point.

The screenshot shows the ARGOS System Dashboard. At the top, there's a navigation bar with 'ARGOS CLS', 'System', and 'Support and help'. Below it is a 'Dashboard' section with a 'SYSTEM' menu. The 'Satellite pass prediction' option is selected. The main interface is titled 'Satellite pass prediction' and contains several sections:
 

- Simulation period:** Start date: 2016-04-12. Options for End date, Simulation duration (in hour(s)), and Number of pass(es).
- Satellites choice:** Checkboxes for MA (METOP-A), MB (METOP-B), NN (NOAA-18), and NP (NOAA-19).
- Location:** Radio buttons for Latitude / Longitude / Altitude, Argos Id (selected), and Network station.
- Input fields:** Minimum elevation site (5), Minimum duration (0), and Last loc date.
- Calendar:** A calendar for April 2016 with the 11th highlighted. A 'Today' button is below it.
- Time:** Hour and Minute spinners.
- Buttons:** 'Download satellite AOP' and 'Simulate'.

 A red dashed arrow points from the 'Satellite pass prediction' menu item to the calendar widget. A dashed green circle highlights the satellite icon in the navigation menu.



**Defining a period (up to 6 months in the future):** You can choose by date, by time in hours (max 4320) or by number of satellite passes (max. 50,000)

**Choosing satellites:** from the Argos constellation

**Defining a location (reference point over which satellite(s) will pass and simulations will be calculated):** You can choose by latitude, longitude and altitude, by PTT/PMT or Network station.

**Defining options (these increase probability of the satellite receiving messages):** min. elevation (90° max.) and/or minimum duration (15 minutes)

### What results can I get?

The tool will provide you with three things: A results table (downloadable), a table of synthesis (downloadable) and a time block display (displayed as a graph).

Result table | Table of synthesis | Time blocks display

Pass predictions list

Export

Satellite | Result table | Table of synthesis | Time blocks display

IMB | Pass predictions synthesis list

MA | Export

Satellite	Studied day ↑	Number of pass(es)	Cumulated time
MB	2016-04-11	1	00:12:18
MA	2016-04-12	1	00:08:47

Export grid data

CSV | EXCEL | HTML | PDF

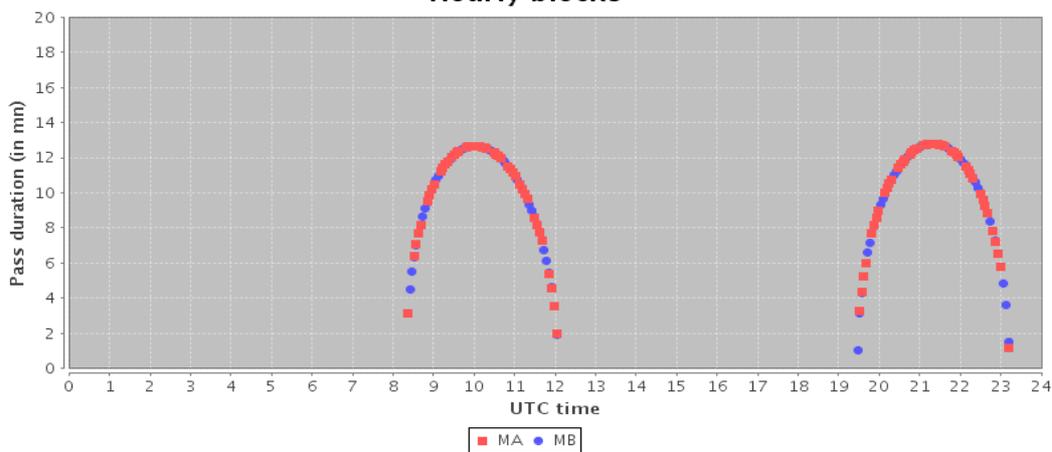
Excel: Exported dates are in UTC time frame

Close

Page 1 of 1 | Clear filters | Displaying 1 - 2 of 2

Result table | Table of synthesis | Time blocks display | Back

Hourly blocks



When exporting, note that **filtered information will be exported**. Be sure to clear filters before exporting if you require all the information.

### How can I send commands to my PMTs?

The commands function is available to PMT users (Platform Message Transceiver) with the Web Downlink option. Note that only users of Argos-3/4 will have access to this option.

**Send commands**

- Select target PMTs

PMT: By target PMT ID

PMT Type: All

**List of target PMTs**

PMT ID	PMT Name	Program number	PMT Type	PMT Model	Last transmission date
12345			DRIFTING BUOY	PMT RMF K	2014-09-02 02:00:00
6789			DRIFTING BUOY	PMT RMF K	2014-04-03 02:00:00

- Select a command

Command type: Stop interactive data collection

Period (0 to 366): 0

- Command sending mode

Normal  Priority

Sending date: 2016-04-12 15

Silent PMT:

**Send the commands**



**PMT Selection:** You can choose by PMT ID/name, Program or all. Additional filters can be applied such as model and type. Click on the line to select the PMT.

**Command selection:** You can choose the command type from the list available

**Command sending mode:** You can choose the mode and the date here.

## What are current, Archived and Pending commands?

**Current commands** : allows you to search, view and edit pending commands.

**Archived commands** : allows you to search and view commands that have been sent

**Periodic commands**: allows you to search, view and edit commands that are sent periodically.

The screenshot shows the ARGOS System COMMANDS interface. At the top, there are navigation tabs for SYSTEM and COMMANDS. Below the COMMANDS tab, there are three sub-tabs: Current, Archived, and Periodic. The Periodic commands section is active, showing search criteria: "By target PMT ID", a date range from "2016-03-01 00:00:00" to "2016-04-12 10:53:31", and an "Advanced Search" button. A table displays one command with ID "7896/1" and PMT ID "12345". An "Export" button is visible above the table. A red dashed arrow points from the "Export" button to an "Export grid data" dialog box. This dialog offers export formats: CSV, EXCEL, HTML, and PDF. Below the dialog, a "Clear filters" button is highlighted with a red box. Another red dashed arrow points from the "Edit" button in the table to the "Select platform IDs" dialog box, which lists platform IDs 53909 and 90957. A calendar widget is also visible on the right side of the interface.



**Selection:** You can choose by Command ID, PMT ID or PMT name

**Time frame:** You can choose between two dates

**Advanced:** Allows you to filter by status and/or command type

When exporting data, note that **filtered data will be exported**. Be sure to clear filters before exporting if you require all your data.

## How can I find out when my tag will transmit next?

Based on the last 20 days' worth of data, you can use the next transmission prediction tool to see when your tag will transmit next.

ARGOS CLS System Support and help

Dashboard

SYSTEM worldwide location and data collection system

Next transmission prediction

Mapping View your data Archived data request Satellite pass prediction

Next transmission prediction

Platform ID: 1 9 24 33 40 74 85

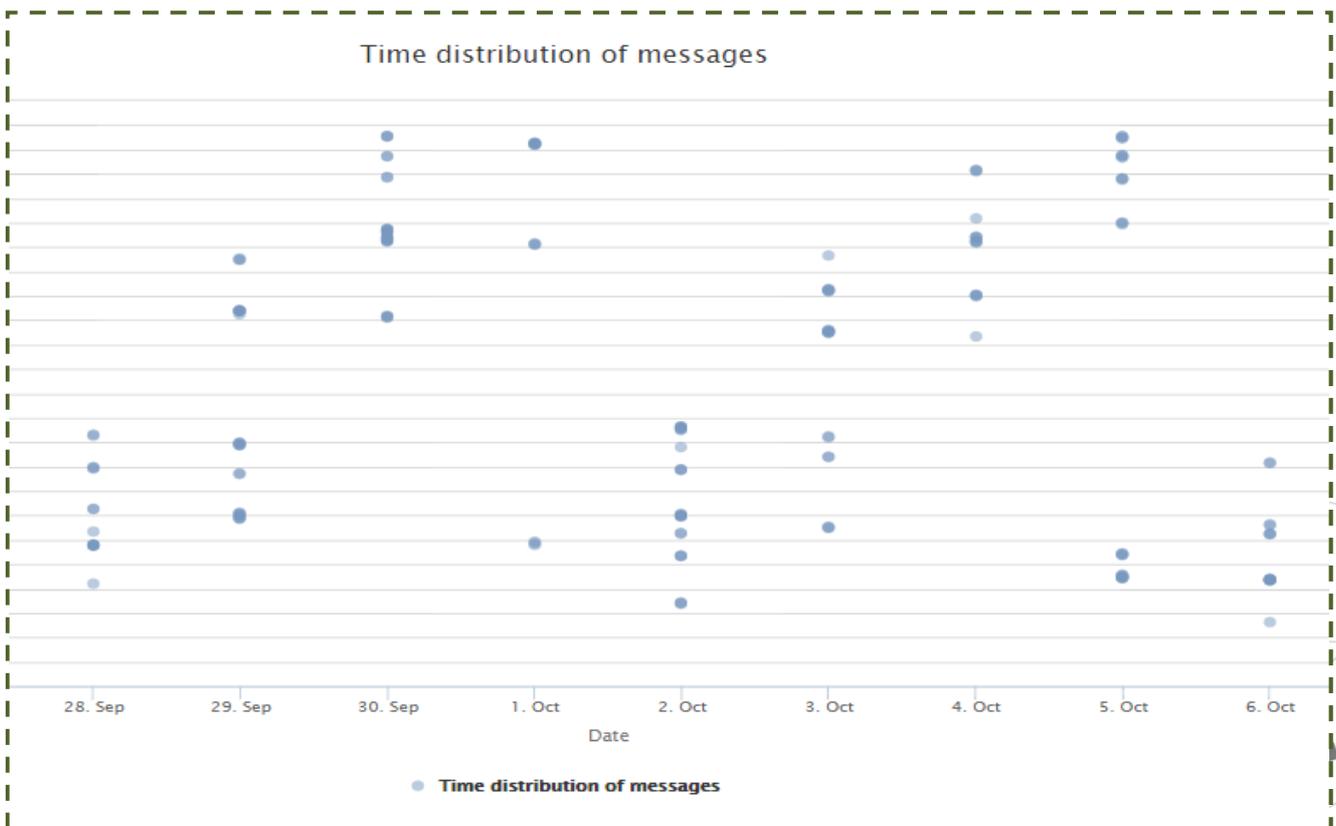
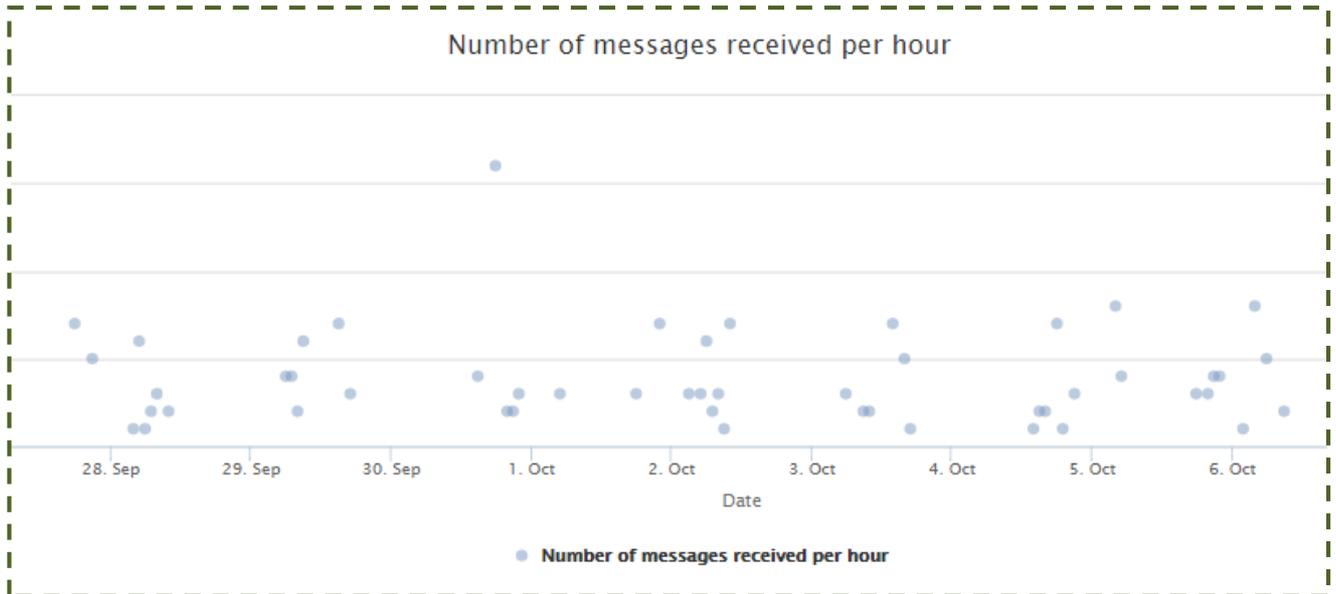
Run prediction Run prediction



The information provided with this tool is for general information purposes only. It is not a representation of the reliability or state of neither the platform nor the Argos System.

### What results can I get?

The tool will provide you with the number of messages received per hour and the Time distribution of messages



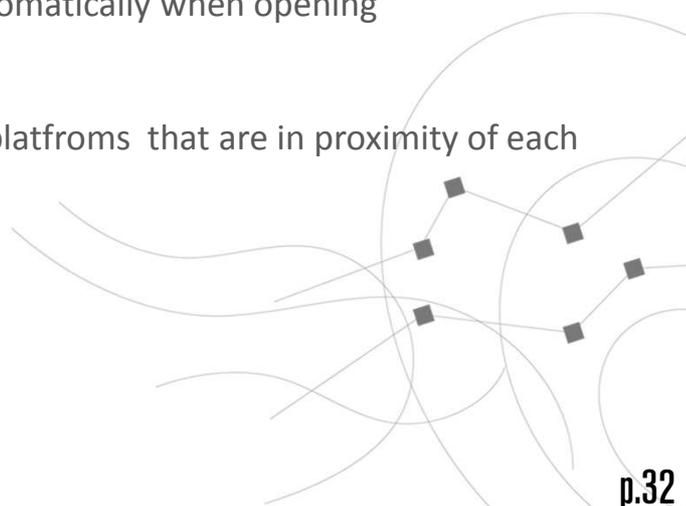
The information provided with this tool is for general information purposes only. It is not a representation of the reliability or state of neither the platform nor the Argos System.

## Your new Mapping tool



The last positions are shown automatically when opening your mapping tool

Clustering: Based on the zoom, platforms that are in proximity of each other are grouped together



## Getting to know your mapping tool

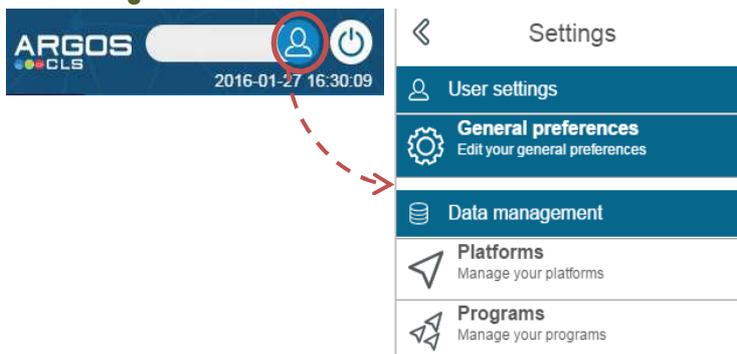
### Horizontal and vertical menu



-  Display information by clicking on object
-  Measure distance between selected points on map
-  Animate displayed positions for the current view
-  Display positions in grid format (export function)
-  Select position grid

Find your PTTS by name or ID number  
 Position search (Search for position registered in the data base)  
 Rendering: change your map type according to your needs

### Settings menu



To right click on your tablet, keep your finger pressed down

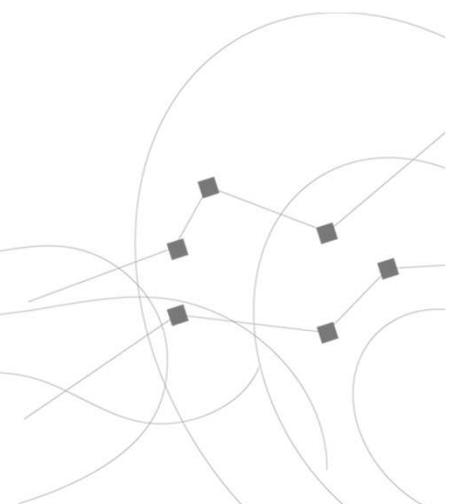
### Option on a map point

Center	
Measure	
Show trajectory	
Hide platform	
Show all	

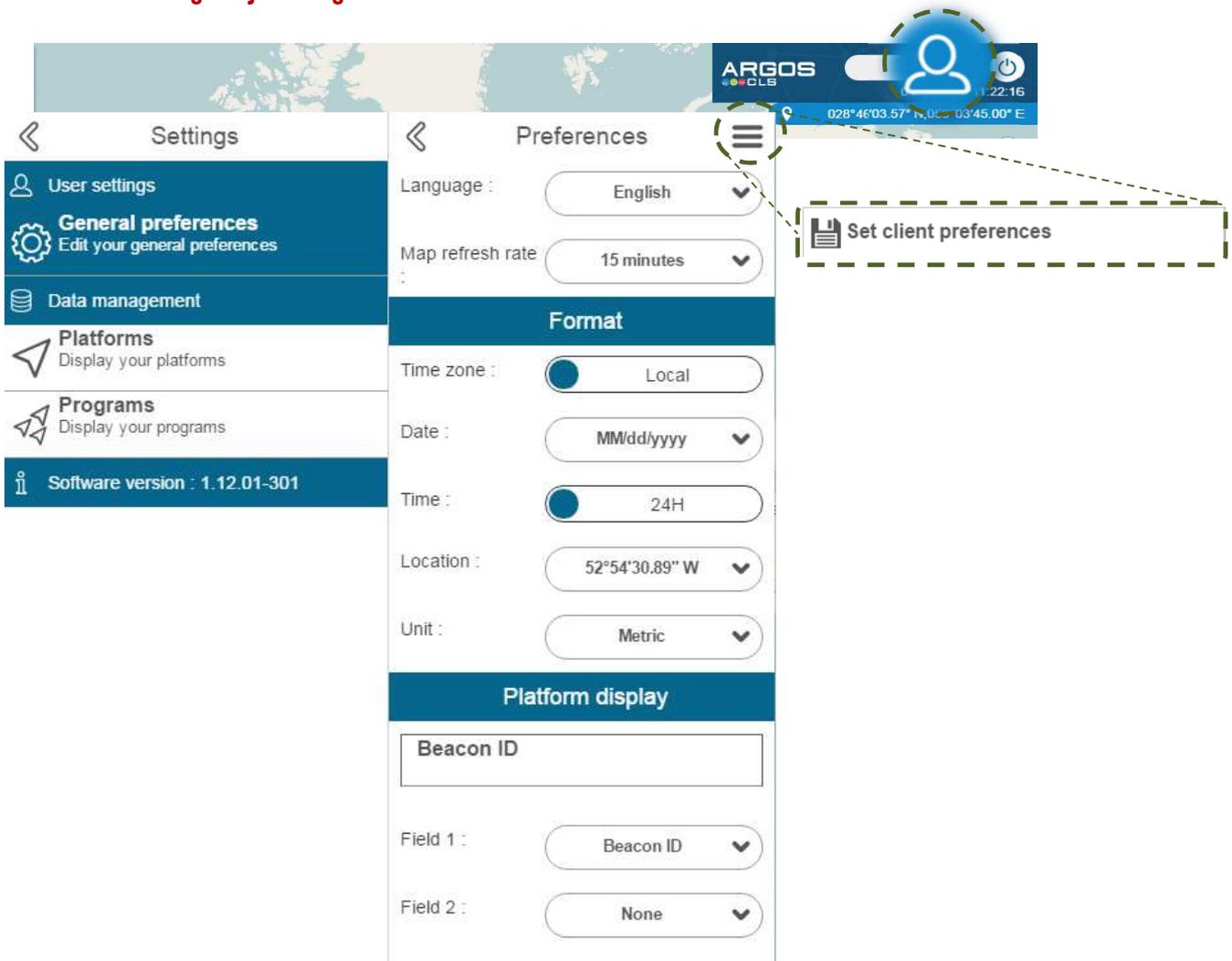
Right click gives the options menu



Left click selects a point or gives the information menu



How can I change my settings?



**General Preferences:** Allows you to save your desired settings which will be applied when exporting your data. Under platform display you can choose to display your platforms by their IDs or names.

**Data Management:** Allows you to view your platforms and program(s)

### How can I search for positions?

Use the quick search engine to find the most recent position of your platform by it's number or name. Any results will **automatically be selected and highlighted** in yellow. Or simply **click on the number or name** to choose.



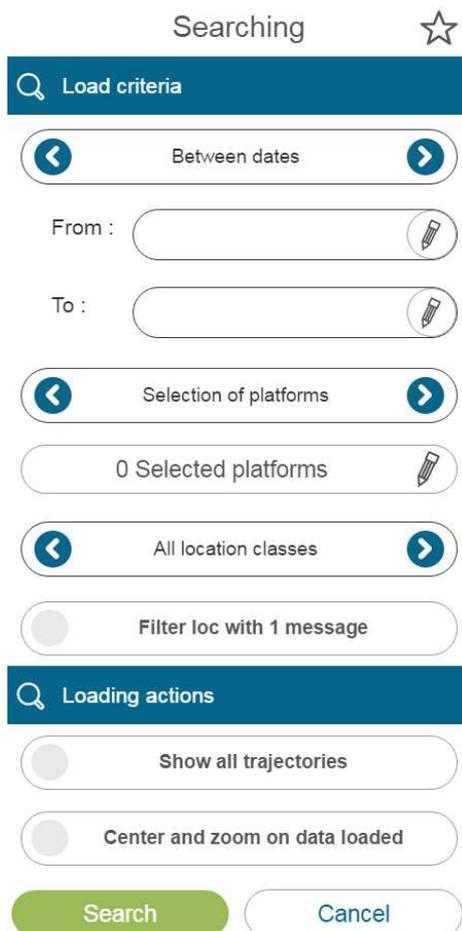
9			
53909			1
-			1
90957			1
-			1

Click on to delete your search criteria



ARGOS CLS 04/12/2016 11:44:43  
066°05'21.71" N,088°03'59.06" W

**Positions Search**  
Time and type selection criteria for platforms positions



Searching ☆

Load criteria

Between dates

From :

To :

Selection of platforms

0 Selected platforms

All location classes

Filter loc with 1 message

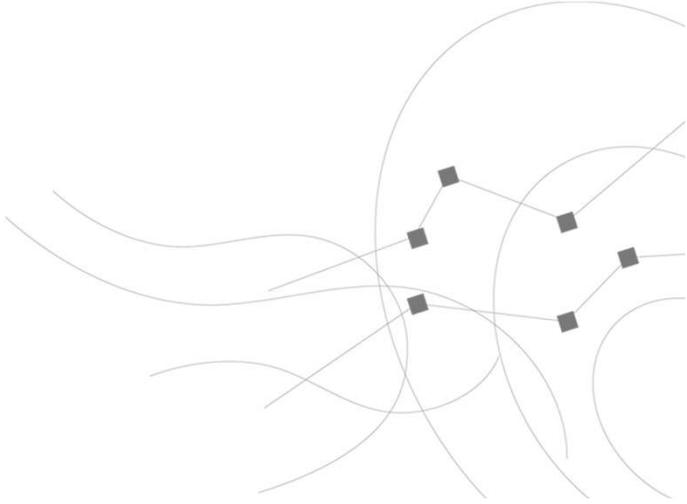
Loading actions

Show all trajectories

Center and zoom on data loaded

Search Cancel

Use the Positions search tool for a more detailed search for one or more platforms/programs



### How do I choose my time criteria?

**Between dates**

From :

To :

**Last days And hours**

days  hours

**Limit search to**

positions by platform

**Most Recent Data**

2 selected

Start: 04/11/2016 13:12:01 | End: 04/12/2016 13:12:01

Apr 2016

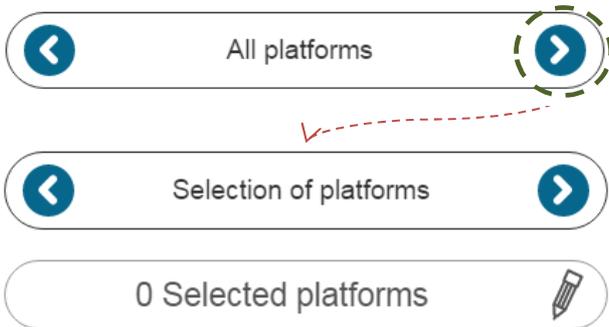
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Hours	Minutes
27	28	29	30	31	1	2	↑	↑
3	4	5	6	7	8	9	13	12
10	11	12	13	14	15	16	↓	↓
17	18	19	20	21	22	23		
24	25	26	27	28	29	30		
1	2	3	4	5	6	7		

Set Cancel



**Most recent data:** gives you the last position regardless of the date.  
**Between dates:** you can choose a period between two dates within the last 365 days  
**Last days and hours:** you can choose the last number of days and hours that you need. The option to limit the search is also possible here. **Note that 365 days' worth of data is available online**

### How do I choose my platform criteria?



Use the search engine to find your platform or program by it's number or name.  
 Any results will **automatically be selected and highlighted** in yellow  
 Or simply **click on the number or name to choose**

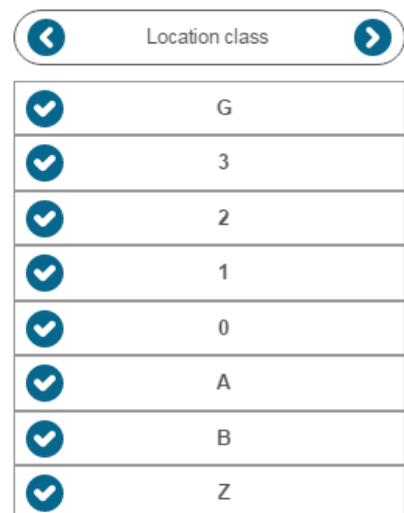
Click on next to the search engine to select or deselect all the platforms  
 Click on to delete your search criteria

### How do I choose my location criteria?

You can choose to display all location classes, a selection or only GPS locations. To choose between options click or and click on the class you wish to use

#### Location classes explained

Class	Type	Estimated error		Number of messages received per satellite pass	
		Least squares	Kalman	Least squares	Kalman
<b>G</b>	GPS	< 100m		1 message or more	
<b>3</b>	Argos	< 250m		4 messages or more	
<b>2</b>	Argos	250 <	< 500 m	4 messages or more	
<b>1</b>	Argos	500m <	< 1500m	4 messages or more	
<b>0*</b>	Argos	> 1500m		4 messages or more	
<b>A</b>	Argos	No accuracy estimation	Unbounded accrucy estimation	3 messages	
<b>B</b>	Argos	No accuracy estimation	Unbounded accrucy estimation	messages	1 or 2 messages
<b>Z</b>	Argos	Invalid location (available only for Service Plus/Auxiliary Location Processing)			



## What are loading actions?

🔍 Loading actions

Show all trajectories

Center and zoom on data loaded

You can choose to automatically show trajectories

Center and zoom takes you straight to a platform once positions have been found

## Useful information

Filter loc with 1 message

You have the option to filter locations with 1 message. This is recommended for platforms with low output power

Searching

🔍 Load criteria

You can create, save and load favourite searches to make searching for positions quicker

Manage favorite requests

◀ Create a new favorite request ▶

New name

Apply Cancel

# How can I exploit my data?

Measure distance between selected points on map

Display positions grid

ARGOS ASALSAC 04/12/2016 15:07:09 084°31'28.61" N, 155°23'26.25" W

Animate displayed positions

Right click on a platform

- Center
- Measure
- Show trajectory  
Show all platform positions
- Hide platform  
Hide all positions of platform
- Hide other platforms

90957

Position  
037°13'34.03" N, 006°13'39.65" W

90957

Position

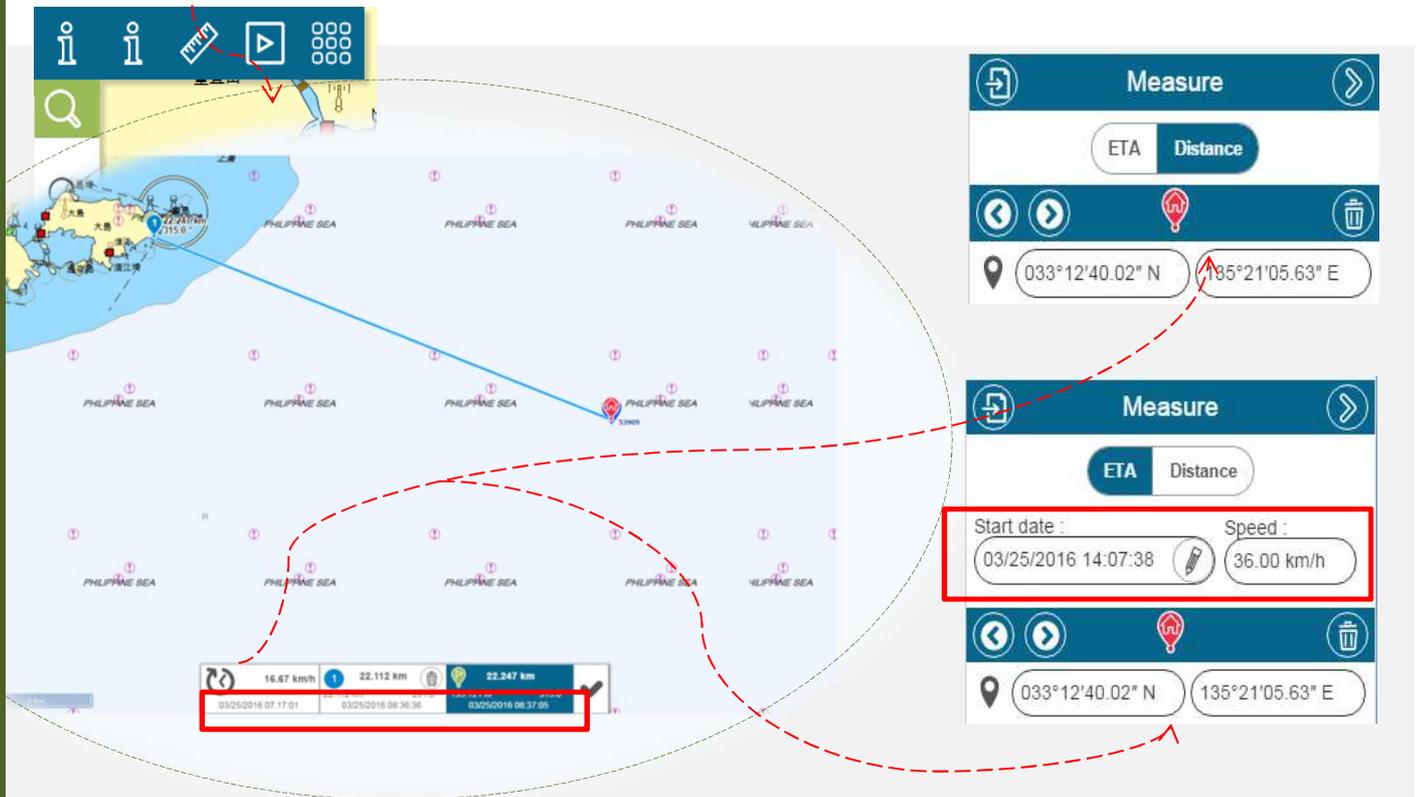
Location	Speed
Location date	Header
13.66 km/h	Location class

15 / 15

Browse trajectory if multiple positions are available

## How can I measure distances?

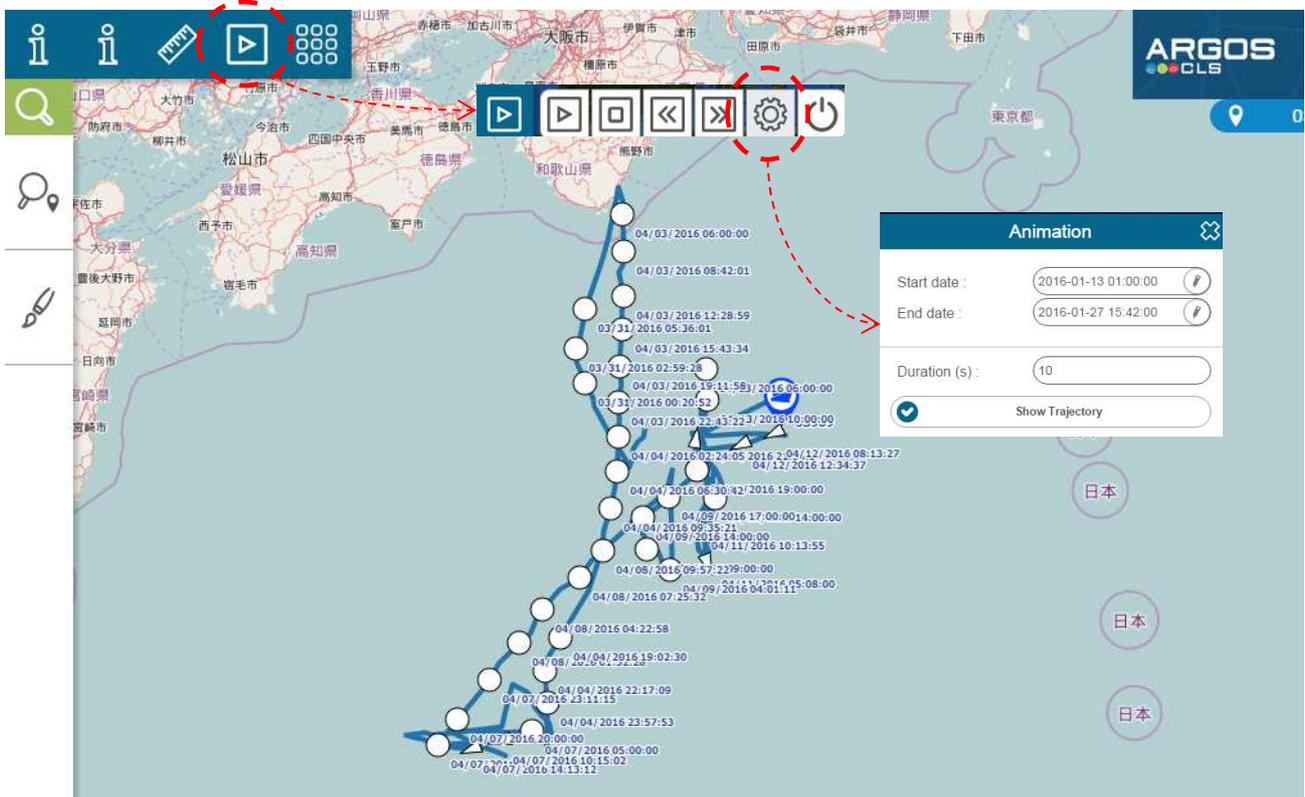
First, search for positions : [see the slide searching for positions](#)



- 1 Click 
- 2 Click  on a point to create the starting point
- 3 Click  on the point you want to measure
- 4 Click  to stop measuring
- 5 Click  to bring up the menu for either distance or ETA
- 6 For ETA, change the date by clicking on  and enter a speed. The ETA will automatically update on the map.

## How can I animate my trajectories?

Before using this tool, you need to search for positions first.



- 1 Choose  in the horizontal menu
- 2 Click  to change the dates and/or duration if necessary.
- 3 Click  to start the animation and your trajectory will appear position by position.



You can speed up  or slow down  the animation.

Remember to click  to exit animation mode.

## How can I export my positions?

Before you can export positions, you need to search for positions first.

The screenshot shows the ARGOS mapping application interface. At the top, there's a navigation bar with various icons. A map of Southeast Asia is visible in the background. A dialog box titled 'Export data' is open, showing options for file formats (CSV, EXCEL, HTML, KML, PDF) and an 'Advanced Configuration' section. The 'Advanced Configuration' section has three expandable sections: 'Filtered data', 'Displayed columns', and 'Export only values'. A 'Download' button is at the bottom of the dialog. Below the dialog is a table of position data with columns: Name, Beacon ID, Longitude, Latitude, Location date, Heading, Speed, and Location class. A 'Manage grid' dialog is also visible, showing 'Displayed columns' and 'Rows grouped by' options.

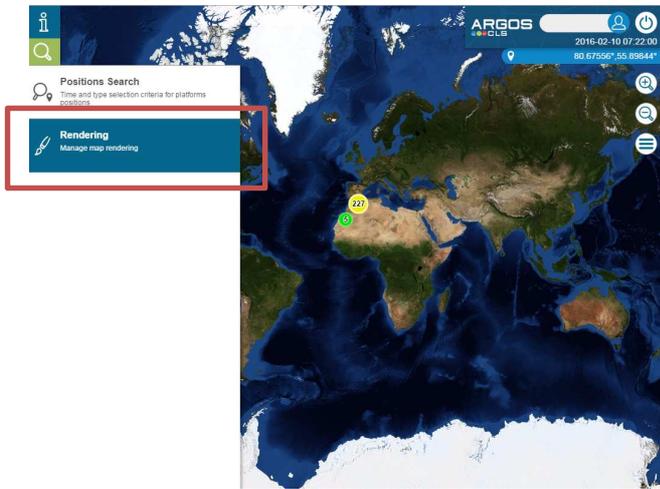
Name	Beacon ID	Longitude	Latitude	Location date	Heading	Speed	Location class
53909	53909	136°11'19.57" E	031°56'46.03" N	03/30/2016 09:10:45	221.0 °	9.26	G
53909	53909	136°09'55.73" E	031°56'00.74" N	03/30/2016 09:34:51	25.0 °	0.00	G
53909	53909	136°09'25.13" E	031°55'12.61" N	03/30/2016 10:00:00	-	5.55 km/h	G
53909	53909	136°09'21.17" E	031°54'33.55" N	03/30/2016 10:15:25	123.0 °	5.55 km/h	G
53909	53909	136°09'44.03" E	031°54'14.15" N	03/30/2016 10:23:24	130.0 °	7.41 km/h	G
53909	53909	136°10'25.93" E	031°53'45.06" N	03/30/2016 10:35:21	143.0 °	5.55 km/h	G
53909	53909	136°10'19.20" E	031°52'26.40" N	03/30/2016 11:00:00	-	9.26 km/h	G
53909	53909	136°09'03.06" E	031°51'50.83" N	03/30/2016 11:15:39	217.0 °	3.70 km/h	G
53909	53909	136°07'08.83" E	031°50'59.10" N	03/30/2016 12:00:00	55.0 °	3.70 km/h	G



You can change the order of your columns by simply clicking on the heading and dragging the column.

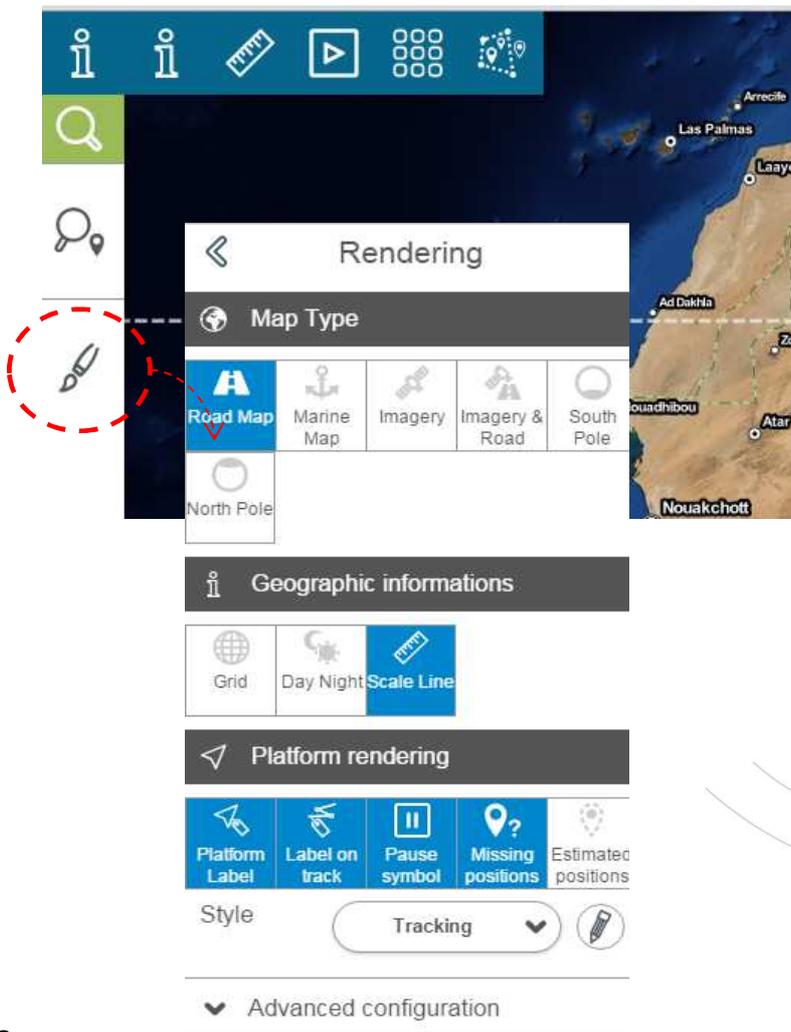
When exporting your data, you can choose to export filtered data or all data, displayed or all columns and only values or values and units by clicking

## Rendering



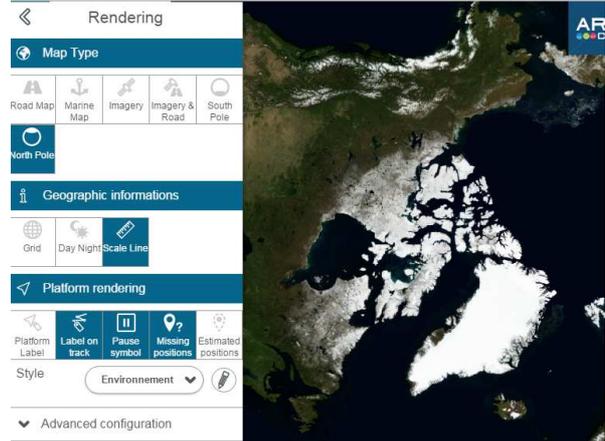
The Rendering menu can be found by clicking in the vertical menu

## How can I change my map type?

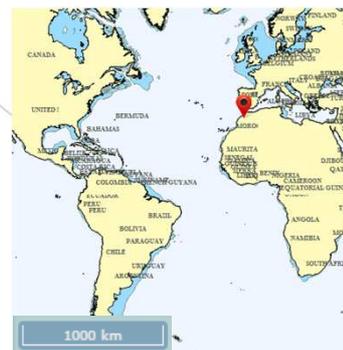
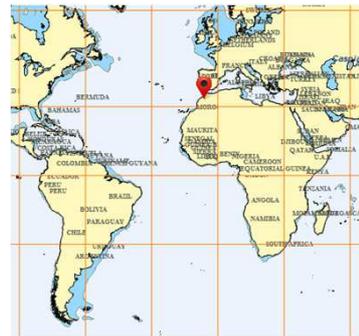
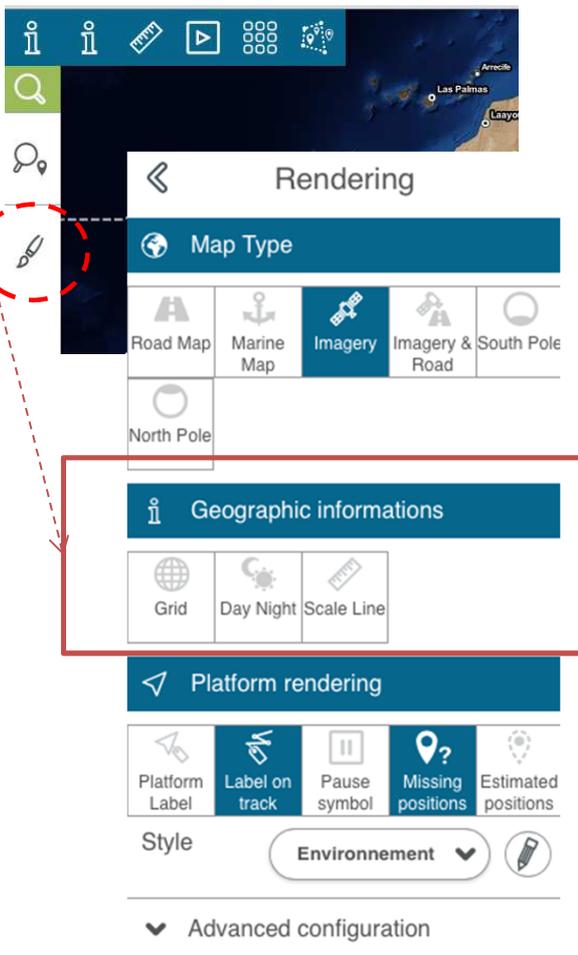


## How can I change my map type?

For platforms in polar regions, please use the dedicated map types: South Pole or North Pole



## Geographic information



### How can I decide my platform labels?

Choose to display on the map here

Define your choice here

## Advanced configuration

### What is Advanced configuration?

Advanced configuration

- Platform Label** (Platforms) - Change trajectory display if there are no positions for a duration greater than the defined value (in minutes)
- Label on track** (Date)
- Missing positions** (40) - Change trajectory display if there are no positions for a duration greater than the defined value (in minutes)
- Estimated positions** (10) - Display the platform estimated position in the defined duration (in minutes)
- Pause symbol** (0.13) - Display a 'Pause' symbol for each position whose speed is less than the defined value



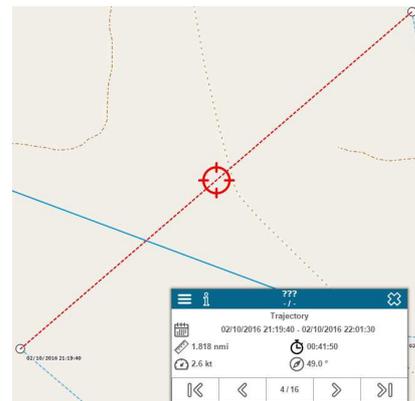
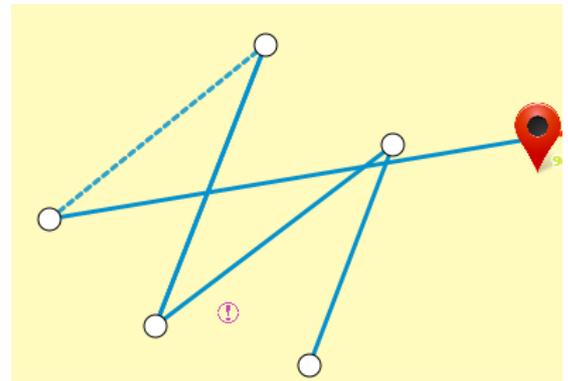
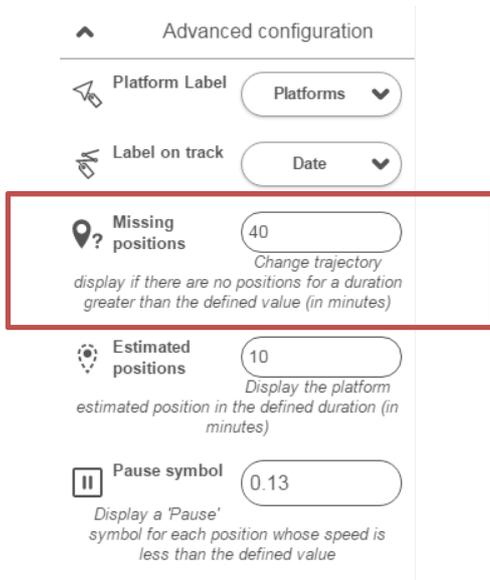
The tools available in Advanced Configuration only work with GPS positions and not Argos positions

The tools in Advanced Configuration allow you to display and define the settings for:

- Missing positions
- Estimated positions
- The pause symbol

## Advanced configuration, missing positions

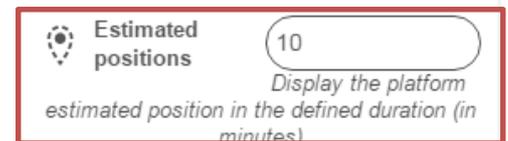
Missing position trajectories are displayed as dotted lines if the time between two positions is greater than the time defined here:



When the trajectory is selected, it turns red and the duration is displayed.

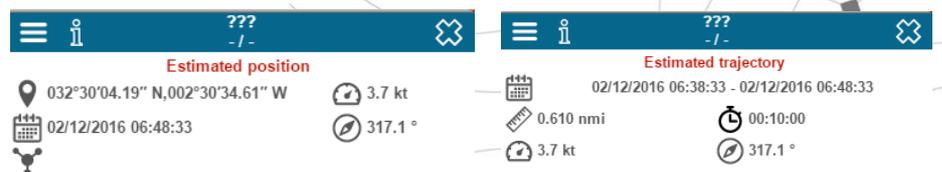
## Advanced configuration, estimated positions

The last GPS position with speed and heading is used to estimate where the platform will be in x minutes which can be defined here.



Estimated positions are displayed as  by default and trajectories are displayed as red dotted lines. To change the icon colour, see Rendering: editing your style. Note that the estimated trajectory colour cannot be changed.

The information box will display that the position or trajectory is estimated



## Advanced configuration, pause symbol

Pause symbol: this symbol  is displayed if the immediate GPS speed is lower than the limit defined here:



**Pause symbol**

*Display a 'Pause' symbol for each position whose speed is less than the defined value*

0.1 kt



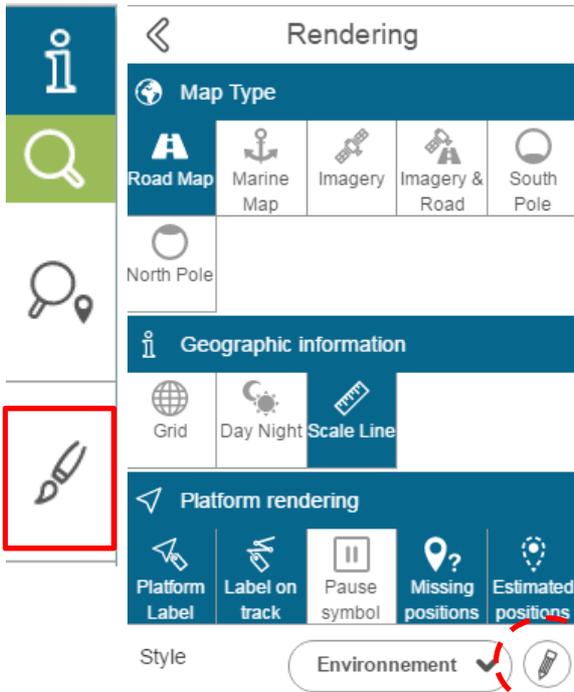
The unit is defined under settings : general preferences. How to change your general preferences is explained [here](#)

## Create your own style

How can I create my own style?

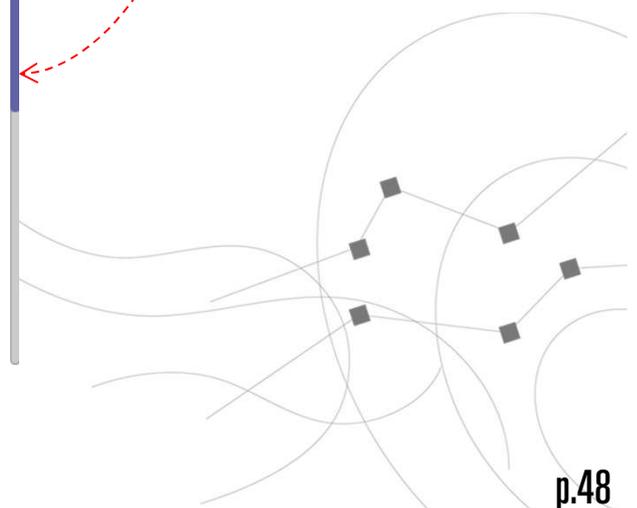
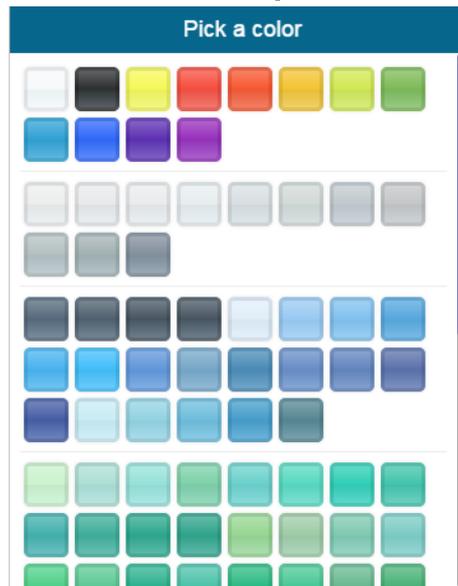
## How can I edit my style?

You can only make changes once you have chosen Edit



Edit

Delete



## How can I change my platform icons?

The screenshot shows the 'Family style' interface. At the top, there is a blue header with a plus icon, the text 'Family style', and an information icon. Below the header, the text 'defaultFamily' is followed by a blue square icon and a blue location pin icon with a star. A dashed red circle highlights the location pin icon, with a red arrow pointing to a text box: 'Clicking here changes the **trajectory colour** for platforms with this icon'. Another dashed red circle highlights the blue square icon, with a red arrow pointing to a text box: 'Clicking here changes the **icon colour** for platforms with this icon'. In the center, there is a large blue location pin icon with a star, surrounded by a dark blue circular dial. A red arrow points to the dial, with a text box: 'Turn the dial to choose your icon'. Below the dial, the text 'Icon color' is visible. To the right of the dial, there is a 'Icon selection' menu with a back arrow, the text 'Icon selection', and a dropdown menu showing 'Others'. A dashed red circle highlights the dropdown menu, with a red arrow pointing to a text box: 'Change categories here'. At the bottom right, there is a 'Save' button (green) and a 'Cancel' button (white with blue border). A dashed red circle highlights the 'Save' button, with a red arrow pointing to a text box: 'Don't forget to save your changes to your icon.'

## How can I add a different icon for my various platform types?

Users with different platform families can choose different icons to differentiate between families.

Families	
Q Search items...	✓
BIRD	✓
SHIP	✓
AIRCRAFT	
CAR	
CONTAINER	
DRIFTER	
FISH	
FIX_STAT	
ICE_BUOY	
LAND_ANI	
LAND_VEH	
MARIN_ANI	
MOOR_BUOY	
PEDESTRIAN	
RAILCAR	
SEA_VEH	
SUB_FLOAT	
TWO_WHEEL	
UNDW_STAT	
UNDW_VEH	
UNKNOWN	



If you aren't sure which family your platform type belongs to, you can check in Settings: Data management – platforms.

## How can I choose a different trajectory and icon colours for individual platforms?

You can now attribute a specific colour and/or icon to each individual platform

Platform style

Apply a style for each selected platform

53909

53909

90957

Select your platform

Icon selection

Others

Change categories here

Turn the dial to choose your icon

Icon color

Clicking here changes the icon colour

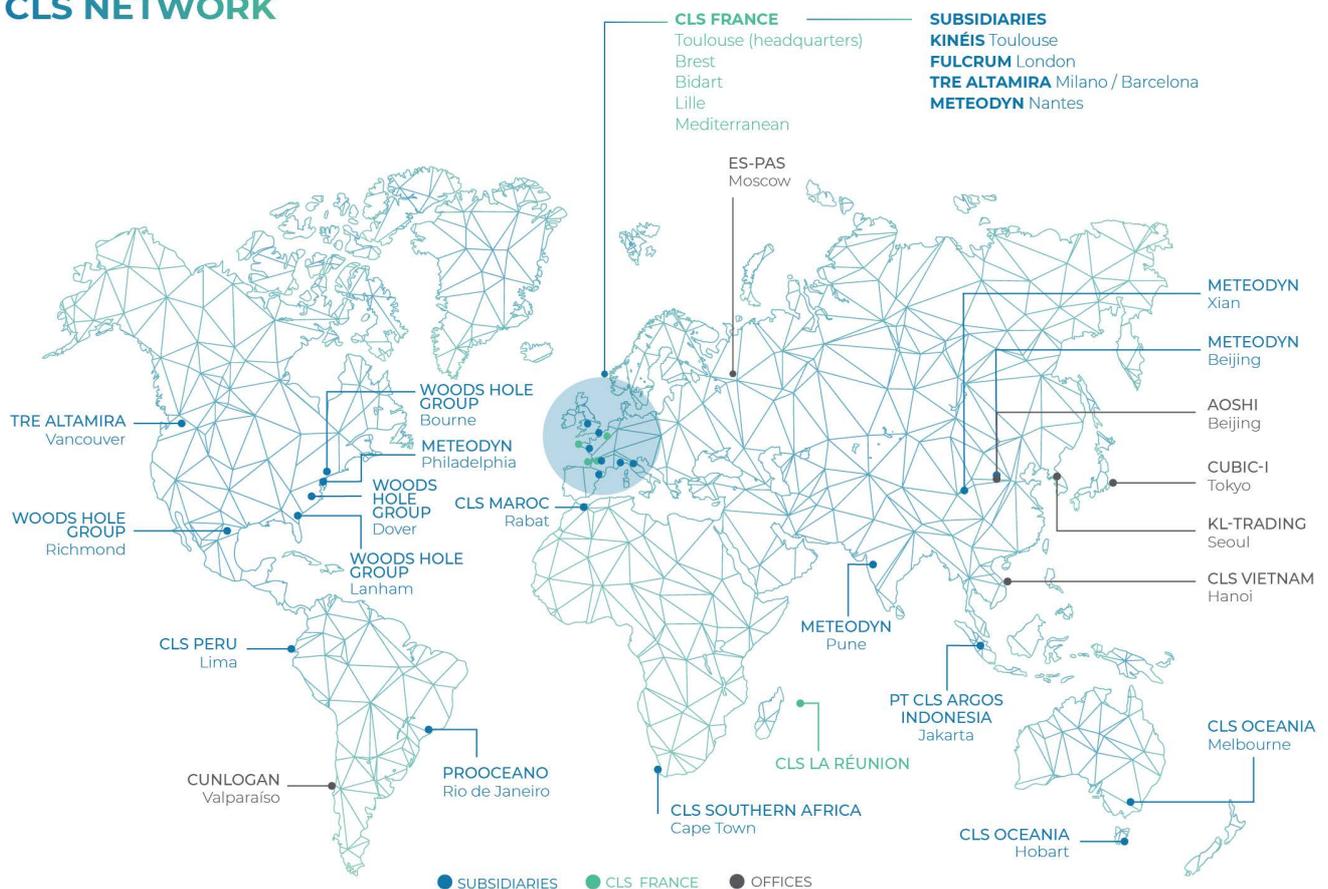
The Argos satellite tracking & animal telemetry system has provided the essential science-based data needed to guide global conservation policy-making for more than 30 years. Thousands of birds, marine and terrestrial animals are studied each month with Argos. From elephants to shorebirds, Argos continues to evolve, providing tracking solutions for an ever-widening array of species.

Join the Argos community!

<https://www.argos-system.org/>



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