

MBM ARGOSMONITOR

Welcome pack

Environmental monitoring



THE MBM ARGOSMONITOR WELCOME PACK CONTAINS:

- SERVICE DESCRIPTION
- TEST FORM
- SET-UP FORM
- CONTACTS

Dear Customer,

Thank you for choosing MBM ArgosMonitor.

Enclosed you will find several documents to help you get started and make sure that the service is set-up properly. MBM is a reliable, complete Moored Buoy Monitoring and Alert System. For best results and continuous service, please follow these guidelines:

- **First, read carefully the description of the MBM service** (page 2), so that you understand the monitoring principles and the complete procedure.
- Before deployment, you must test your Argos Platform. Please fill out the Test Form (Page 3) and send it back to your Customer Service.
- After validation of the test by CLS, deploy your Moored Buoy and ask for activation of the MBM service by filling the MBM set up Form (Page 4).
- When you want to move your buoy away from the mooring point, ask your Customer Service to de-activate the MBM service by sending an Email with the subject: STOP MBM / ID Number.
- When you want to reactivate the MBM service at the same mooring point, please send an Email with subject: START MBM / ID Number. If the mooring point has changed, please send a new MBM set up form (Page 4).
- Please keep in mind that you are still charged as long as your PTT is transmitting.

We recommend that you use Adobe Acrobat to fill out the forms and send them to Customer Service by Fax or by E-mail.

Do not hesitate to contact us for any further information on the MBM Service.

Sincerely,

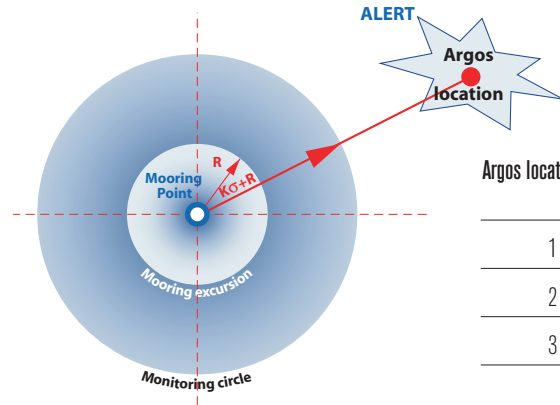
MBM ArgosMonitor Team



SERVICE DESCRIPTION

The principle is that every calculated Argos location is compared to the monitoring circle defined by:

- 1 - The mooring point that you declare in the MBM Set-up form
- 2 - The mooring line excursion R. By default, we declare $R = 1000$ m but you can modify this value.
- 3 - The location class. The estimated accuracy (σ) is multiplied by a coefficient K and the total is added to R..



Argos location class	σ (accuracy)	K	Monitoring circle for default value 1000 m
1	1500 m	4	7000 m
2	500 m	3	2500 m
3	250 m	2	1500 m

If the location is detected out of the monitoring circle, you will receive an alert notification. If two consecutive Argos locations are in the same 90° angle, the radius of the monitoring circle is smaller (K becomes K-1).

Thus, it is very important that the Argos platform is regularly located throughout the day. This is why it is crucial to test the platform before deployment.

If the platform is not located for more than 24 hours, you will receive an alert notification.

MBM ARGOSMONITOR OFFERS TWO OPTIONS:

- The surveillance of your moored buoy only (MBM Only).
- Surveillance of your moored buoy and access to all transmitted data.(MBM+Data)

During the tests (at the manufacturer's, before deployment, at sea), for both options, you can easily access ALL your locations and data on a secure website, with maritime maps and many useful features.

Log on to: <http://www.argos-system.org>, then enter your Username and Password and follow the online help.

For MBM+Data service, all data are always available through the site.

For MBM Only, one location per day is distributed after monitoring has been activated.

IN THE MBM SET-UP FORM, FOR EACH PLATFORM, YOU INDICATE:

- The location of the mooring
- The people to inform in case of an alert and how to contact them.

We recommend that you ask for two different means of alert transmission (Fax, Email or SMS), even through satellite communication (Inmarsat or other...).

When we receive the MBM Set-up form, we will confirm the reception of the form and we will activate the monitoring from the requested date.

If your platform is not properly located, you can ask Customer Service to activate complementary location services.

When your platform is destroyed, lost or out of power, i.e. the platform ID number will never be used again, you must contact Customer Service. The platform ID number will be deleted from your program.

Thank you for informing us when you terminate your program.

MBM is based on one of the ArgosMonitor capabilities: Location Monitoring.

MBM TEST FORM

● Program number

● Platform ID number

● Platform name (*optional*)

● Manufacturer

● Platform model

● Test start date Day Month Year

● Test end date (*optional*) Day Month Year

● Location of the test:

Latitude degrees N S

Longitude degrees E W

Name

Date

Signature

MBM SET-UP FORM

- Program number
- Platform ID number
- Deployment date Day Month Year

MOORING POINT

- Latitude degrees minutes seconds N S
- Longitude degrees minutes seconds E W

MOORING LINE EXCURSION

- Default value 1000 meters Other value meters

DEFAULT ALERT MESSAGES

- 1 When the platform has not been located for more than 24 hours: “<Platform Name> Argos ID <number> has not been located for more than 24 hours”. This alert is only sent once.

If you want to customize the alert:

- 2 When the location is out of the monitoring circle: “<Platform Name> Argos ID <number> is out of monitoring circle” + **location**. This alert is sent for every new location as long as the platform is out of the circle.

If you want to customize the alert:

CONTACTS IN CASE OF ALERT

Contact #1 (mandatory)

- Name
- Organization
- E-mail
- Fax +
- SMS +

Contact #2 (mandatory)

- Name
- Organization
- E-mail
- Fax +
- SMS +

Contact #3 (optional)

- Name
- Organization
- E-mail
- Fax +
- SMS +

Name

Date

Signature

Alerts can be sent to several contacts in parallel; one alert transmission mode per contact.

MBM CONTACTS

- **CLS**

Customer Service

Charles Drieu La Rochelle +33 561 394 715
Fernand Cid +33 561 394 814
Fax +33 561 394 797
mailto: useroffice@cls.fr

Operators (24/7) only in case of alert

Tel +33 561 39 48 80

Sales administration

Christelle Camillo +33 561 393 732
mailto: salesmanagement@cls.fr

Sales contact

Dany Inthaxoum +33 561 394 801
mailto: dinthaxoum@cls.fr

- **CLS America**

Tel: +1 301 925 4411
Fax: +1 301 925 8995
mailto: userservices@clsamerica.com

- **Japan: Cubic-I Ltd**

Tel: +81-3-3779-5506
Fax: +81-3-3779-5783
mailto: argos@cubic-i.co.jp

- **Australia: Satellite Information Technology Pty Ltd**

Tel +61 (0)3 9863 9650
Fax +61 (0)3 9863 9675
Mob +61 (0)418 368 917
mailto: guan@clsargos.com.au
