

# MAR YI

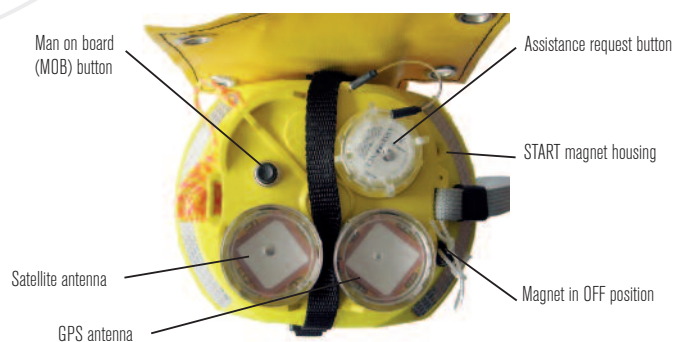
Tested, waterproof and autonomous

Maritime Security

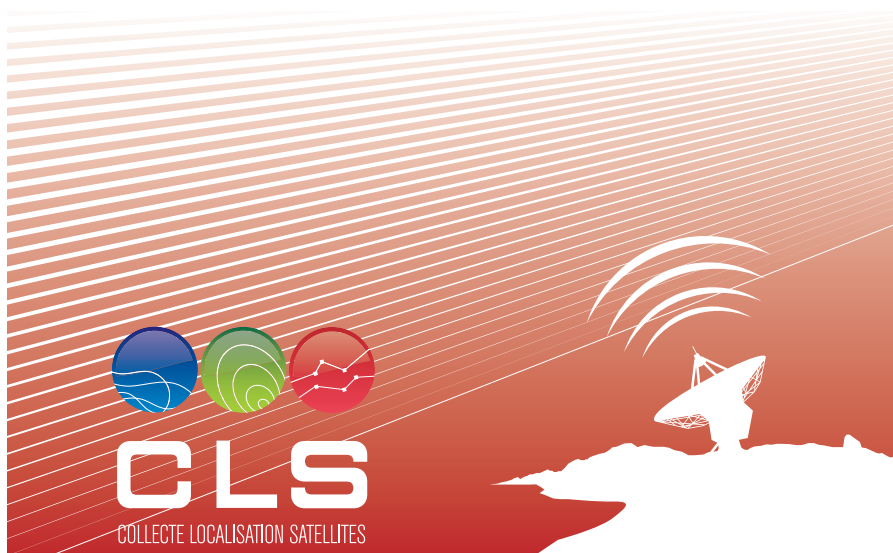


## DESCRIPTION

- The MAR YI transmitter is designed for near real-time monitoring of sailing boats or rowing boats participating in offshore racing and can also be used for record validation.
- Its signal is automatically transmitted to satellites, thus providing information on its location (GPS position). In the event of major difficulty, the skipper can activate an assistance request. He can also transmit a Man On Board signal.



- The transmitter can transmit signals from sailing boats, rowing boats, life rafts or from water (on condition that antenna is maintained above water).



# TECHNICAL CHARACTERISTICS\*



Dimension	Diametre with floating boat: 150 mm, height: 310 mm
Weight	1.6 kg
Operating temperature	-20 °C à +50 °C
Battery life	Normal mode (48 positions/day): 80 days Assistance mode (144 positions/day = every 10 minutes): 6 days
Power	Lithium batteries
Leaktightness	The transmitter is leaktight, shockproof and it floats (IP67)
Transmitted data	Date, time, position, speed, heading, Man On Board indicator, assistance request, battery power
Transmission frequency	In normal mode: every 30 minutes In assistance mode: every 5 or 10 minutes (configurable timeframes)

\*Technical characteristics are likely to change without prior warning.

## USE

### INSTALLATION

- Select the location where transmitter is to be installed:
  - at least 1.50 m away from any other sending antenna, and as far away as possible from any object that could disturb transmission to satellites
  - in an easily accessible location, even in bad weather (on stern rail or one of the stanchions)
  - antenna free from obstructions
- Firmly attach yellow bag containing transmitter using rope provided
- Clip the two transmitter straps

### START-UP

- Remove magnet from OFF position and insert in ON position
- LED on GPS will flash after 15 seconds.

### SHUTDOWN

- When magnet is in OFF position, the transmitter stops transmitting, once it has transmitted a message confirming its shutdown

### TEST AFTER INSTALLATION

- A few hours after start-up, check with CLS ([useroffice@cls.fr](mailto:useroffice@cls.fr) and [clsops@cls.fr](mailto:clsops@cls.fr) at weekends) that transmitter is operating correctly

### SENDING AN MOB MESSAGE (MOB : MAN ON BOARD)

- The skipper can press the push button once to signify his presence on board. After 15 seconds, the LED will flash to signify that the request has been acknowledged, the message will be sent with the next transmission (within 30 minutes)

### ASSISTANCE REQUEST

- Unscrew transparent cover
- Break seal and move switch to ON, after 15 seconds the "operating LED" flashes to confirm assistance request. The assistance request message is sent instantaneously
- Screw transparent cover back on.

#### NOTE

*It is possible to transmit an MOB message whilst an assistance request is activated.*



11 rue Hermès  
Parc technologique du Canal  
31520 Ramonville Saint-Agne  
France

Tel. +33 561 394 720  
Fax. +33 561 394 797  
E-mail: [info@cls.fr](mailto:info@cls.fr)  
[www.cls.fr](http://www.cls.fr)