

# MARGET-II

## DRIFTING TRACKER

Monitoring moored buoys or tracking pollution (oil, plastic or sargassum) is an easy job with the Argos-GPS MARGET-II tracker. Compact and flexible, the MARGET-II drifting buoy integrates a GPS data logger and will be able report up to 96 accurate positions a day thanks to the upcoming Kinéis constellation.

Robust and very easy to install, the MARGET-II is a long-lasting beacon that requires no maintenance and has been designed for a variety of applications:



Marine equipment monitoring



Pollution Tracking (Oil, plastic or sargassum)



Current/drift studies

### CAPABILITIES

- Easy to use and self-contained
- Floatable: designed to drift
- Global satellite coverage (ARGOS)
- High Autonomy\*:
  - up to 365 days in operation
  - more than 5 years in storage
- Provided with access to the ArgosWeb Mapping interface & mobile application
- Compatible with ARGOS Geofencing services (incl. Alerts)

### FEATURES

- Built-in GPS receiver for accurate positioning
- Extra ARGOS positioning (incl. speed and heading)
- LED indicator for operations control
- Robust all-in-one design for marine environment
- Configurable GPS acquisitions & transmission rates, etc.
- Check beacon status in the mobile application via Bluetooth
- 100% compatible with the CLS Goniometer/ Direct receiver designed to recover your MARGET-II at sea.

*\*Autonomy of the units depends on the configuration, the environmental conditions and can be affected by ageing and maintenance quality.*



# Technical characteristics

PHYSICAL FEATURES	
<b>Dimensions</b>	240mm x 160mm
<b>Weight</b>	~ 1.2Kg
OPERATIONAL FEATURES	
<b>Internal Battery</b>	3.6V/52Ah Lithium - Primary lithium-thionyl chloride
<b>On Board Memory</b>	16Mbits
<b>HMI</b>	LEDs used to indicate Bluetooth status, position acquisition & transmission & beacon activation
<b>Bluetooth</b>	2.4GHz
<b>GNSS Operating Frequency</b>	1575MHz.
<b>Argos Operating Frequency</b>	401.650MHz.
<b>Antenna</b>	Argos antenna Integrated GPS antenna Bluetooth antenna
<b>Mechanical resistance</b>	up to 30m shockproof on water
<b>Buoyancy</b>	vertical
ENVIRONMENTAL FEATURES	
<b>Temperature</b>	Operation : -20°C to +55°C Storage : -25°C to +70°C
<b>Humidity</b>	IP68
<b>Autonomy</b>	130 to 600 days depending on settings

