

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

