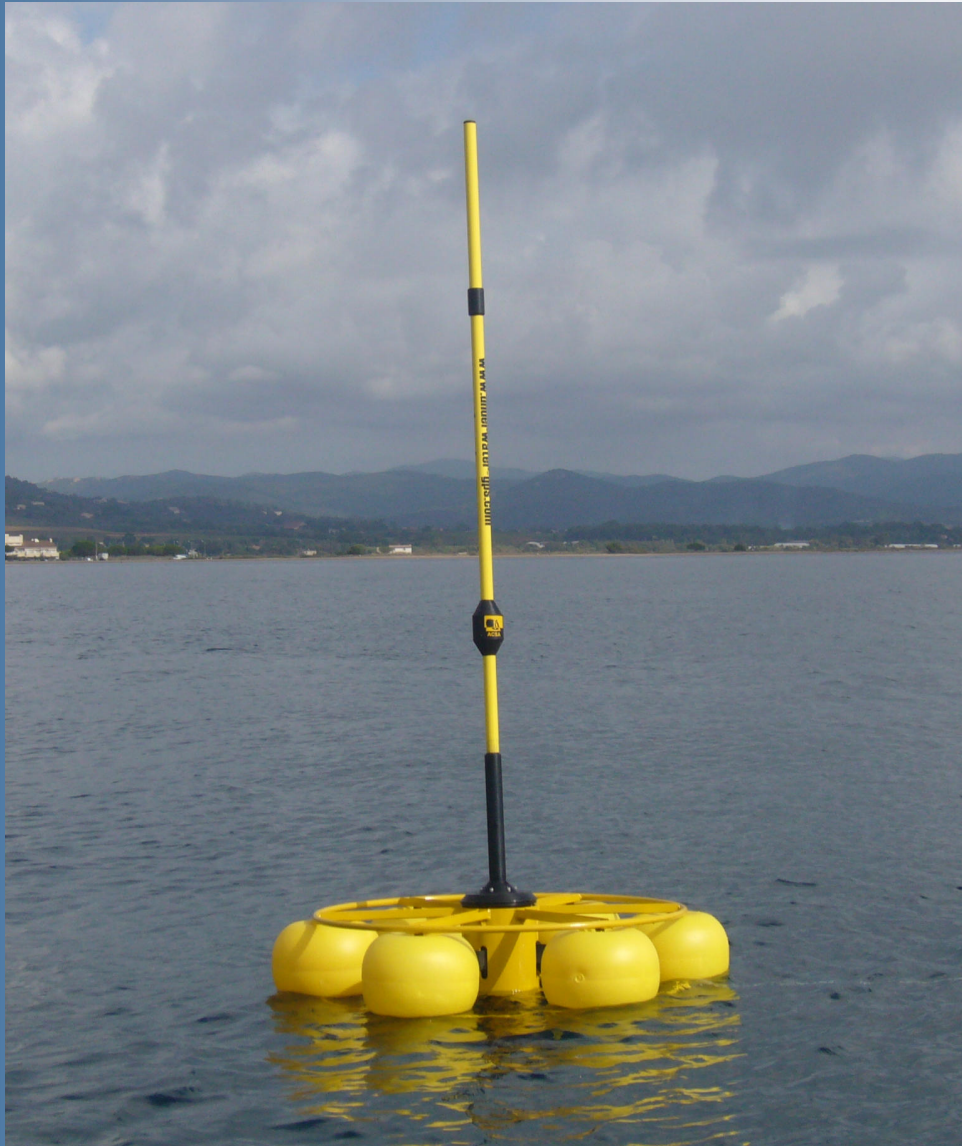


GIB™-PLUS

High accuracy, easy to use, GPS driven underwater tracking system.

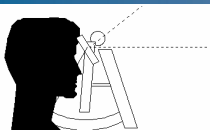


APPLICATIONS

- Oil & Gas offshore survey
- AUV tracking & supervision
- Search and Rescue

KEY FEATURES

- Fast installation on board non dedicated ships,
- Easy to deploy & recover, no calibration,
- Real-time multi-mobiles capabilities,
- Metric accuracy in 3D,
- Accurate time stamping of positions and payload data,
- High repetition rate and real-time Quality Control.
- Fully configurable
- Data storage for post processing (replay & recalculation)



The GIB™-Plus system is the new generation of the famous GIB™-STD for offshore application.

To improve the autonomy, a new design has been developed. The following points have been addressed:

- Latest technology in GPS receiver (RTCM-104 and WASS capabilities) with digital radio receiver,
- New mechanical design for quick mounting and dismounting and lower storage volume,
- DSP acoustic receiver - two simultaneous acoustic channels within 30-40 kHz bandwidth,
- DSP downloadable code for additional capabilities,
- Improved sleep mode management,
- Lighter overall weight,
- Integration of a radar reflector and flasher.



Real-time display with AQUATIC software



GIB™-Plus synchronized pinger 32kHz

Buoy Network

A set of 4 buoys equipped with :
 Digital signal processor for acoustic detection and associated hydrophone
 Fully programmable
 Two way radio modem – 400 MHz band
 DGPS Receiver
 Drifting or moored

Control Station

Aerial module fast to install
 Real time tracking laptop running AQUATIC software

GIB™-PLUS Pinger

Frequencies available in the 30kHz bandwidth
 Integrated pressure sensor for depth telemetry
 Ultra-stable clock – GPS Synchronization

AQUATIC Software

Acquisition & storage of data from buoys & deck unit
 Real time calculation of underwater tracks
 Quality control
 Control of radio network
 Real time monitoring of all vehicles & buoys
 Mission planning & supervision
 Off Line Replay & recalculation
 C-MAP vector charts

ACSA Underwater GPS

9, Europarc Sainte Victoire
 13590 Meyreuil

France

Tel: +33 (0) 442 58 54 52 - Fax: +33 (0) 442 58 65 46

info@underwater-gps.com - www.underwater-gps.com