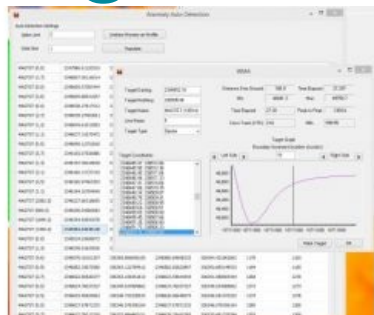


# Collaboration Leads to Magnetometer Solution



Cooperation between HYPACK and Marine Magnetics, USA, has resulted in a complete solution for magnetometer surveys. The solution comes in the form of an updated interface for magnetometer data collection and the release of HYPACK's new MAGEDIT program, developed with SHOM's specifications and collaboration.

Following the purchase of a fleet of magnetometers by SHOM (French Hydrographic Department), Marine Magnetics and HYPACK, Inc. worked together to provide a solution to better acquire and process the magnetometer data.

MAGEDIT was designed to allow surveyors to make adjustments to both ship and shore-based magnetometers, using the IGRF Model. Magnetic anomalies can be computed by

differencing the ship-based measurements with either the IGRF model or with a shore-based magnetometer. Using the graticentric comparison, anomalies of a user-defined size can be automatically targeted for plotting and review.

- Quickly identify and mark targets to investigate.
- Reposition the target coordinates based upon the magnetic signature of the target.
- Display amplifying information to assist in investigating a target of interest.

HYPACK's MAGEDIT program is a standard tool in HYPACK 2014 which will be distributed to over 8,000 users subscribed to the HYPACK Maintenance Plan.

The collaboration between HYPACK and [Marine Magnetics](#) promises to deliver excellent results and mutual benefits. While Marine Magnetics seeks to provide complete magnetometer survey solutions to its customers, HYPACK benefits from Marine Magnetics' extensive experience and track record as world leader in magnetic survey technology.