

## Interactive EM QaQc & data processing

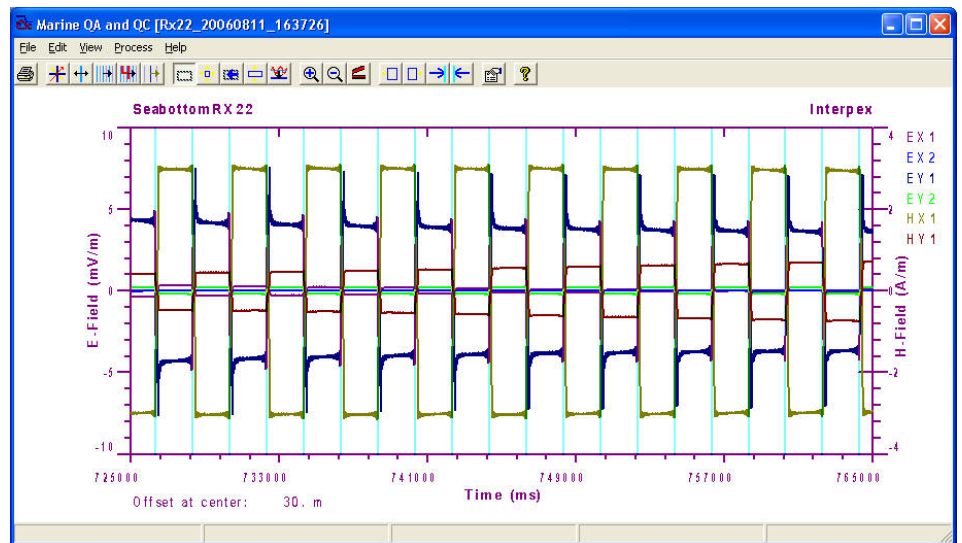


Figure 1: Receiver window screen showing 6-component E- and H-field data.

EM QaQc is an interactive marine electromagnetic Quality assurance/Quality control and data processing software package currently adapted to the EMGS acquisition system but can be adapted to other marine and land-based EM acquisition systems.



## KMS Technologies

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## EM QaQc features

- Supports EMGS format but can be adapted to other formats.
- Imports transmitter (ship) navigation, multiple current records and single receiver recording.
- Displays transmitter navigation, transmitter current and 6-component receiver data in separate windows.
- Provides for a separate zoomed display of receiver data.
- Displays E-fields, H-fields or both.
- One-click synchronization of transmitter current and receiver field displays.
- Automatic generation of current switch markers with powerful editing capabilities to account for drift.
- Able to perform QaQc for land applications.
- Embedded with MT processing, beta version.

## Data import steps

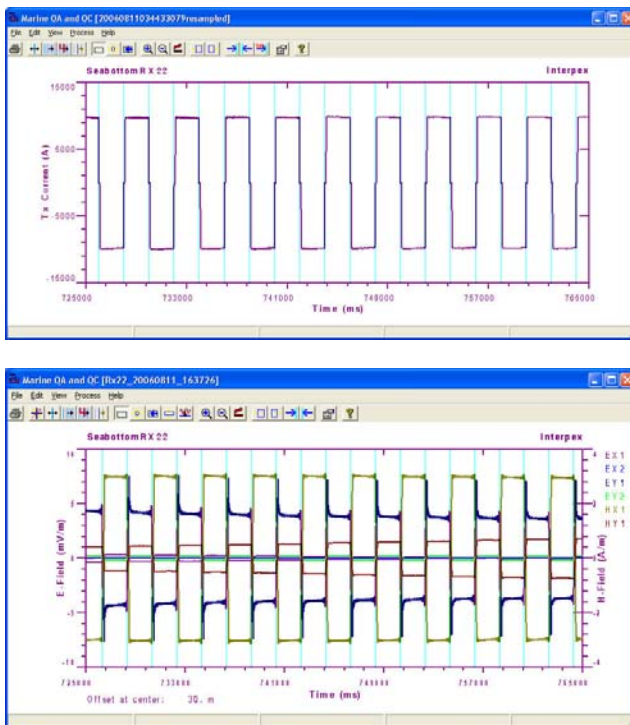
- Import of transmitter navigation from EMGS supplied transmitter file.
- Import of current from EMGS supplied ANT files.
- Import of receiver position and attributes from EMGS supplied files.
- Import of system response information from EMGS supplied files.
- Import of receiver data stream from raw, binary or processed data files from EMGS.
- Possibility to adapt to other formats at modest additional cost.

## Data input format

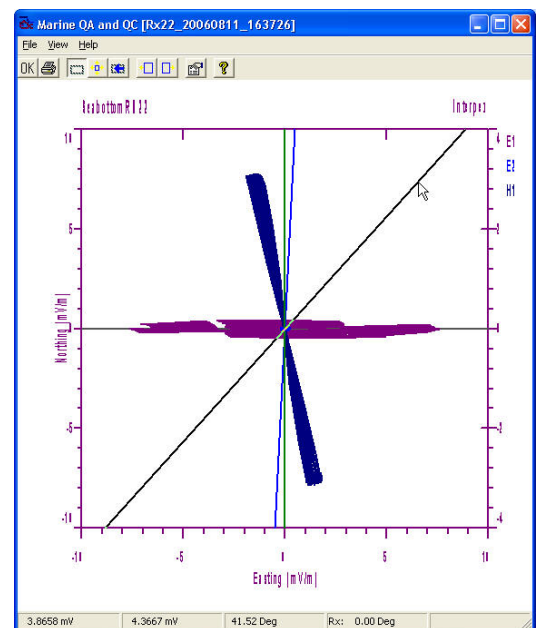
- EMGS format
- KMS 820 format

## Processing

- Time domain processing: fully implemented and tested including calibration.
- Frequency domain processing: beta version



**Figure 2:** Transmitter current and receiver E/H field data displays can be easily synchronized to show the same horizontal axis with a single click.



**Figure 3:** Use the mouse and the Lissajous figure of the selected receiver data range to find true receiver orientation.

## How to order

- Option 1: Please follow the instructions for ordering at <http://www.interpex.com/Ordering.htm>  
Option 2: Submit an order form online at [http://kmstechnologies.com/order\\_form.html](http://kmstechnologies.com/order_form.html)