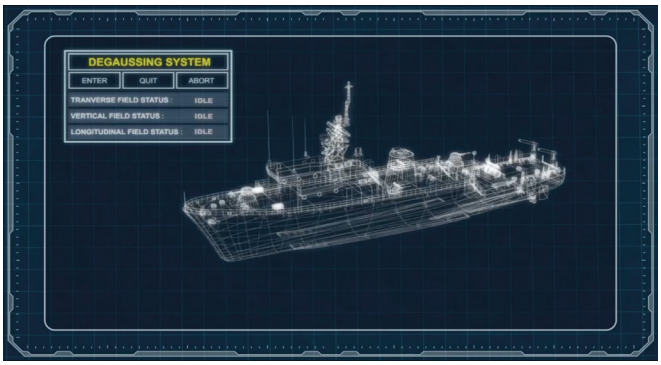
Degaussing system

For magnetic risk management



Exail was awarded to install the degaussing system to a Sigma corvette to reduce the risk of a detection by a magnetic sensor (underwater mine for example). Exail is recognized for its abilities to reach magnetic signature values according to NATO standards applying optimized onboard power consumption.

SYSTEM OPERATION

The degaussing system is designed to drastically reduce the magnetic signature of a wide range of vessels.

The 10 KW current generators can be used centralized in amplifier cabinet or individually packaged.

The local earth field used for induced magnetization compensation is measured with mast magnetometer or computed from onboard navigation system data.

Command and control of the degaussing system is done from a single PC station through a fault-tolerant distributed network.

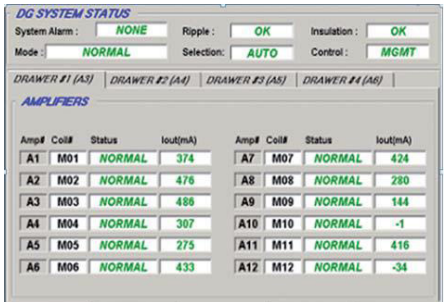
The windows software suite allows simple and intuitive access to the different operational modes (automatic, manual,etc.).

Alarm and diagnostics are visualized on the Man Machine Interface simplifying maintenance operations.

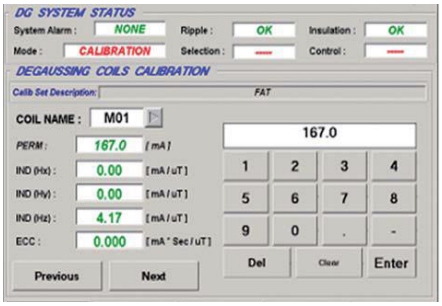
Simulation tools are available for DG dimensioning Magnetic range for initial calibration & recurrent setting.

MAIN FEATURES

- Reduction of overall ship magnetic signature
- Modular system for wide range of ships
- Robust industrial design with back-up functionalities
- Intuitive operator interface
- Windows standard software suite



The windows software suite allows access to different operational modes.



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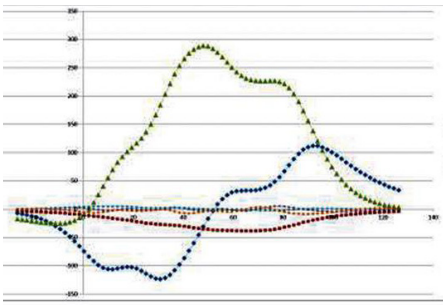

Simulation tools are available for degaussing dimensioning Magnetic range.

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