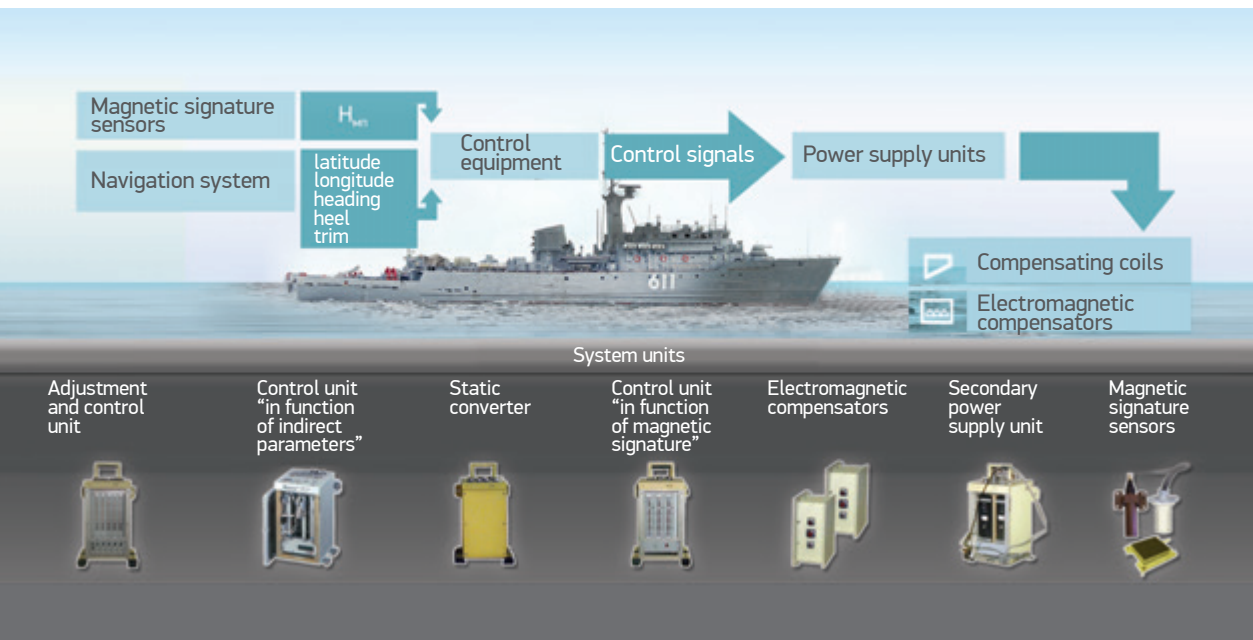


ON-BOARD DEGAUSSING SYSTEM "KDS-703 SYSTEM"



On-board degaussing KDS systems are intended for automatic regulation of currents in degaussing coils of surface ships. Application of these systems provides automatic compensation of magnetic field and, accordingly, reduces the ship's magnetic signature.

The systems have the following control modes:

- Automatic, "in function of indirect parameters" – angles of ship heading, heel, trim and geographic coordinates.
- Automatic "in function of magnetic field".
- Backup, with manual input of latitude, longitude and heading.

Technical data:

- Basic error of adjusting currents in the compensation devices is within ± 2 % from the maximum current value in static mode and ± 4 % in dynamic mode.
- Operational temperature range: from 0 to $+40^{\circ}\text{C}$.
- Extreme temperature range: from -50 to $+70^{\circ}\text{C}$.
- Constant magnetic field strength: ≤ 400 A/m.
- Variable magnetic field strength: ≤ 80 A/m.
- Magnetic field frequency: 50 and 400 Hz.

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