



# ROUTENAV

## SOFTWARE PACKAGE FOR NAVIGATION SUPPORT AND PLANNING OF GEOPHYSICAL SURVEYS

**RouteNav** is a Windows-based software package for geodetic and navigation support of airborne and ground geophysics.

### Navigational Support application

Navigational support for manned vehicles during the survey with coordinates, altitudes and tracing quality analysis on-the-fly using GNSS and altimeters information. Supports dual-screen output, threshold control, different survey modes, flexible interface output and real-time mission correction with touch-screen menus.

### Planning Tools

Mission planning utility for airborne and ground surveys (including advanced TEM-loops survey), with the support of various receivers data formats for output.

### Analysis tools

Post-fly data processing includes quality analysis (accuracy, tracking quality, vehicle height and velocity, etc.), flexible data visualization and web-reporting for both aerial and ground surveys.

### Additional tasks

The software package includes tools for coordinate system transformation and localization, raster maps geo-referencing for navigation, GNSS-receiver pre-fly scripting, etc.

**EM SURVEYS**

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