

CARTOGRAPHIC SUPPORT OF GROUND NAVIGATION SYSTEMS

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At present, there are many enterprises engaged in the field of cartographic support of ground navigation systems in the Russian Federation. The products produced by these agencies are not brought to a single standard. The solution of the problem of regulation, control and planning of activities of departments and enterprises responsible for the work in the field of cartographic support of ground navigation systems in the Russian Federation comes to the fore. The article considers the solution to this problem by creating a unified system of cartographic support of ground navigation systems, the basis of which should be a single geographic information Fund of public access, built on the navigation database of geographical data. The technological levels of the system operation are presented. It is assumed that this approach will allow to unify the work in the field of cartographic support of ground navigation systems in the territory of the Russian Federation, as well as to increase their efficiency and reduce the cost of their implementation.

Key words: car navigation map, road network graph, geospatial information, spatial data infrastructure, navigation database of geographic data, cartographic support, ground navigation system, navigation-essential data, geoinformation fund of public access.

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