Presented at the 2.2017 in herse working Week 2017, May 29 – June 2, 2017, Finland, Helsinki

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THE LEGAL AND TECHNICAL REGULATION OF GEODETIC, CARTOGRAPHIC AND SPATIAL DATA IN THE RUSSIAN FEDERATION

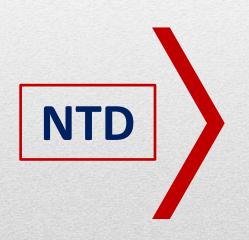
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Federal State Budgetary Establishment "Federal Scientific-Technical Center of Geodesy, Cartography and Spatial Data Infrastructure"

Up till now normative and technical regulation in the field of geodesy and cartography in the Russian Federation is conducted in the legal field of Federal Laws:

- "On Geodesy and Cartography"
- "On Geographical Names of Objects"
- "On technical Regulation"
- "On providence of joining the measurements"
- "On licensing of certain types of activity"
- "On navigation activity"
- "On Space activity"
- "On State cadaster of real estate"

Groups of normative and technical documentation (NTD)



- 1. Group: NTD worked out and stated by federal bodies of executive power in the field of geodesy, cartography and defense;
- 2. Group: NTD worked out in the frames of GCINR (geodetic, cartographic instructions, norms and rules) system;
- 3. Group: International, State, National, Industrial and other standards in the field of geodesy and cartography.

3

A unified geodetic, cartographic instructions, norms and rules on the production of topographic-geodetic and cartographic works (GCINR)











Includes more than 300 approved documents

The structure of normative documents formed in the field of geodesy and cartography

Normative documents in the field of geodesy and cartography

Normative legal Acts (NLA)

Normative and technical documents (NTD)

Constitution of the Russian Federation and Federal constitutional laws National NTD of GCINR (GNTA) system Interstate, state, national standards (GOST, GOST R)

International agreements and contracts

Branch NTD (ONTA)

Industrial standards (OST)

Federal laws

Acts of President of the Russian Federation

Orders of Government of the Russian Federation, normative and legal acts of federal bodies of executive

power

Standards of organizations (STO)

Methodology of measurements (MM)

Structure of normative documents in the field of geodesy and cartography in the light of the federal laws that came in power

Normative documents in the field of geodesy and cartography

Documents of obligatory use

Normative legal acts (NLA)

Technical regulations on geodesy and cartography (TRGC)

The documents, used at voluntary base

Interstate, state standards (GOST)

National Standards (GOSTR)

Set of rules on geodesy and cartography (SRGC)

Standards of organizations (STO)

Methodology of measurements (MM)

The scheme of perfection of legal normative and technical base in the sphere of geodesy and cartography.

Processing of existing NTD

Development of new NTD

Joining of NTD into Sets of Rules according to fields of activity (technical etc.)

Development and approval of National Standards on the base of Set of Rules and International standards

Development an approval of Technical Regulation on the base of National Standards

Priority the normative documents to be developed

- ✓ National standard of the Russian Federation (GOST R) «The System of standards in the field of geodesy, cartography and spatial data. Main statements» - the draft has been developed and passing through necessary procedure;
- ✓ National standard of the Russian Federation (GOST R) «The Order of development and acceptance of methodological, normative and technical acts in the field of geodesy, cartography and spatial data in the Russian Federation» - is being developed.

INTERNATIONAL FEDERATION OF SURVEYORS

FIG Working Week 2017, May 29 – June 2, 2017, Finland, Helsinki

Thank you

G. G. Pobedinskiy, A. N. Prusakov

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