

Cartographic Images in Electronic Government in the Russian Federation

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SUMMARY

In the Russian Federation since 2002 the Federal target program “Electronic Russia” was launched. It will be finished in 2010. One of its components is creation of the so-called electronic government. In the report separate sections of this program are covered. In the Russian Federation the electronic government is created not so long ago. Only in 2001 the first document of the Government of the Russian Federation obliging federal enforcement authorities to create official Web-sites was issued. Now all ministries have official Web-sites. One of requirements - to have means of interactive dialogue with citizens. All administrations of subjects of the Russian Federation (89) have Web-sites. Many of them place cartographical images of controlled territories on the pages. Questions of normative displaying of cartographical images in the Internet in Russia are not solved yet. On sites it is possible to find and raster images and vector images etc. A lots of these images are provided on unauthorized base. The Federal Service of geodesy and cartography of Russia developed some documents for regulation of this process.

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Development and wide application of information and communication technologies is the global tendency of world development of last decades. Application of modern technologies of processing and transferring information has crucial importance as for competitiveness of economy and expansion of opportunities for its integration in the world system, and for efficiency of processes of the government at all levels of authority, in the state and non-state sectors of economy.

Not less important result of distribution of information and communication technologies and their penetrations into all spheres of public life is creation of technological preconditions for development of a civil society due to real maintenance of rights of citizens on free and operative access to the information through a global network of Internet.

In this connection in Russia the Federal target program "Electronic Russia 2002-2010" was developed. "The electronic government" -is one of priority directions of this program.

Under "The electronic government" the network of information-communication infrastructure supporting process of performance by federal enforcement authorities of the functions in a society is understood. The project "The electronic government" consists of two interconnected (and simultaneously independent) projects:

an internal governmental information infrastructure, analogue of a corporate network;
the external information infrastructure cooperating with citizens and the organizations.

Within the framework of the project "The electronic government" information resources of the federal ministries and departments are integrated, access to them is provided, and also the system of on-line services is created.

The governmental network infrastructure should be aimed at the decision of actual political, economic and social problems of the state and provide:

- realization of the right of citizens on access to the open state information;
- finishing up to the public objective and trustworthy information about activity of bodies of the government strengthening trust to the state and to its policy;
- interaction and constant dialogue of the state with citizens and institutes of a civil society, and also a necessary level of public control over activity of the state bodies and the organizations;
- association of information resources and services of bodies of the government, bodies of the government of subjects of federation and bodies of local self-management with for

strengthening national information space;

- perfecting the government system , optimization of its structure , reduction financial and material inputs on it, stage-by-stage transferring of a part of the state services having cost expression in the system of the state network services answering to real needs of citizens and the organizations;
- effective support of economic activities of the state enterprises being integrated in national and world economic space, - interaction and cooperation with the state bodies of foreign countries and the international nongovernmental organizations.

Since 2000 the official Web-site of the Government of the Russian Federation (www.pravitelstvo.gov.ru) is operating

There is the following information on the site:

- the Government of the Russian Federation (structure, news of the Government of the Russian Federation, federal bodies of executive power, the press centre);
- Normative documents (current documents and the big database);
- the Catalogue of network information resources;
- Interactive services (the applications to the Government of the Russian Federation, discussion, the Internet of press -conference)

In July, 2001 Administration of the Government of the Russian Federation prepared the Recommendations containing the basic requirements to Web-sites of federal bodies of executive power. New version of Recommendations was updated in December, 2002. According to the Recommendations there should be following information on the Web-sites:

- the Official name and the contact information (addresses, the phone, e-mail);
- regulations about federal bodies of executive power;
- organizational structure (the central office, the territorial bodies, subordinated establishments and the enterprises);
- the statutory Acts regulating activity of federal bodies of executive power;
- the Normative legal acts touching the rights and duties of citizens and the organizations, accepted by federal bodies of executive power; according to its competence;
- the Information on economic branch, and state-of-the-art;
- the Information on federal target programs in which the federal body of executive power

participates;

- the Daily information of the press-services;
- the obligatory requirement is presence of interactive communication with citizens, i.e. an opportunity of interactive applications to federal bodies of executive power;
- Now practically all federal bodies of executive power have the sites - about 53.

The official site of Federal service of a geodesy and cartography of Russia is to the address: www.roskart.ru also contains the following basic sections:

- Legislative bases;
- Structure of the Federal service of a geodesy and cartography of Russia;
- Maps;
- Directions of activity;
- Production ;
- News;
- Press;
- Forum.

One of primary goals of Federal service of a geodesy and cartography of Russia is maintenance of wide access of legal and physical persons to the spatial data. For these purposes the base of metadata also will be placed on a site of Federal service of a geodesy and cartography of Russia.

The authorities of subjects of the Russian Federation (89) have official sites also. On each of them the map of its territory is displayed.

In the Russian segment of the Internet it is possible to find about 130 sites containing the cartographical image. There are also Internet - shops trading in maps and atlases.

According to the current Russian legislation "recording of the creation in memory of a computer is reproduction also". In this connection accommodation of cartographical images in the environment the Internet may be adjusted by the general legislation under the intellectual property. So for accommodation of any cartographical images in Internet implementation of all actions stipulated for creation of digital maps (or raster images) is necessary.

Now practically each accommodation of maps in the Internet is illegal in the Russian segment of Internet. And on these facts it is possible to bring an action claims. A question of payment is open at present since usually cost of the contract on transferring the copyrights on the map depends on circulation of the created map, and in the Internet the concept of circulation does not exist. The Federal service of a geodesy and cartography of Russia is developing the normative documents devoted to questions of legal protection of materials of federal cartographic-geodetic resources numbering more than 70 million units of storage. One of the

document developed for the regulation of this process is “Methodical recommendations on the organization of the legal protection of exclusive rights on using of cartographic products in system of Federal service of geodesy and cartography of Russia”. The basis of the Methodical recommendation is the Law of Russian Federation “About the copyright and neighboring rights”.

Speaking about quality of the images of the cartographical information in the Internet, it is possible to say, that it substantially depends on availability of cartographical education at founders of sites. Frequently it is simply scanned traditional maps and plans. Now there are no the normative documents regulating displaying of the spatial information on monitors in Russia, and the Federal service of a geodesy and cartography of Russia works under its development..

BIOGRAPHICAL NOTES

Dr. Raisa Yakovleva - The head of the department of cartographic-geodetic resources and intellectual property of The Federal service of geodesy and cartography of Russia.

Graduated from the Moscow State University named by M.V.Lomonosov (the geographical department, cartographer). Her candidate thesis (1991) was in the field of digital mapping. Since 1992 she works for the Federal service of geodesy and cartography of Russia. In 1997 graduated from the All-Russia Academy for Foreign Trade. Has the degree in economics, specialty “world trade”. Dr.Yakovleva has more than 50 publications. She is the secretary of the National Technical Committee on standardization “Geographical information-/Geomatics”. Since 1995 she participates in work of ISO/TC211 “Geographic information-/Geomatics”, as the member of Working group and Advisory group.

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