

Croatian Geodetic Institute

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1. Introduction

After acquiring the independence and sovereignty at the beginning of the 90-ties there were pretty significant and extensive activities initiated in the Republic of Croatia in the field of geodetic and surveying works at the state level. The activities included reorganisation of state bodies and institutions competent for carrying out geodetic and surveying activity of state interest, creating new law and ordinance basis, evaluating and using the inherited geodetic basis of the former state (fundamental state networks, geodetic datums, cartographic and geodetic documentation etc.) and also carrying out new geodetic works at the state level.

One of very important activities in terms of modernising geodetic and surveying activity and its organisation in accordance with the experiences and practice of other developed European countries is the foundation of a separate and specialised institution intended for performing scientific and highly professional geodetic activity. This new institution is Croatian Geodetic Institute (CGI). In the Republic of Croatia there had never been such an institution. During the long period of time, from the end of II. World War till the moment of Croatia becoming independent, the realization of professional geodetic and surveying jobs had been always under the competence of Military and Geographic Institute of former Yugoslavia.

The foundation of CGI as institution specialised for performing geodetic activity that is of interest to the Republic of Croatia is defined by the Law of State Survey and Real Estate cadastre that was passed by the House of Representatives of the Croatian State Parliament on 5th November 1999 and has been applied since 1st March 2000. As this Law became operative, concrete activities were initiated in connection with the formation and establishment of CGI and have been continuously performed ever since. The bearer of these activities is the State Geodetic Administration (SGA) of the Republic of Croatia.

For the first time in the Republic of Croatia administrative and normative jobs in the field of geodesy will be separated from professional jobs. CGI will do the professional jobs and SGA will take care of the administrative and normative jobs at the state level.

2. Foundation and formation of CGI

In accordance with the Law of State Survey and Real Estate Cadastre, CGI is formed as specialised institution for carrying out scientific and highly professional geodetic works being of interest for the Republic of Croatia, but without the rights to be profitable. The residence of CGI is in Zagreb, the founder is the Government of the Republic of Croatia, and SGA is the bearer of CGI foundation activities. SGA is also legally entitled to supervise its work. The work of CGI is regulated by the Law of State Survey and Real Estate Cadastre, by the Law of Institutions and other positive laws and regulations of the Republic of Croatia.

Within its activity CGI is to perform the following jobs:

- conduct fundamental geodetic works
- constitute topographic, cartographic and land registry databases
- conduct topographic survey
- constitute and keep geographic names register
- conduct survey and marking of state border

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- conduct development and research projects
- standardisation of geodetic works and procedures.

CGI will be obligated to perform geodetic works and activity in accordance with the annual working programs harmonised with the working programs of SGA, and to submit reports to the Government of the Republic of Croatia about performed works. Manager of CGI and Managing Board consisting of 10 members run the CGI. They are appointed by the Government of the Republic of Croatia.

At this moment it is possible to employ 20 people in CGI in accordance with financial possibilities determined by the budget of the Republic of Croatia. They have to be highly qualified experts in the field of geodesy and informatics. Special attention will be paid to additional education and specialisation of these employees, especially in the field of applying recent geodetic technologies of gathering, processing and analysing geodetic data.

At this moment there is a procedure going on connected with preparation of adequate regulative and other normative acts of the CGI that should be passed so that the CGI could start functioning normally during the year 2001 in accordance with the law and regulations of the Republic of Croatia.

3. CGI internal constitution and near future activities

Internal constitution of the CGI is based on the planned type and volume of geodetic works that it should perform. The constitution of four departments is planned:

- department for mutual jobs
- department for fundamental geodetic works
- department for topographic survey and supervising
- department for geoinformational systems and databases.

Very important phase in the foundation of CGI and in providing the conditions for it to start operating will be the employment of experts, getting premises for its work, gathering geodetic equipment, more precise defining of its internal constitution and initiation of direct work.

The need for the CGI to start working as soon as possible is intensified by very extensive and demanding program of geodetic works at the state level that has been made by the SGA. The implementation of this program, the "Program of state survey and real estate cadastre for the period from 2001 – 2005", will depend also on the activity and efficiency of the work done by the CGI.

There is also a need for information about the situation and experiences referring to the work, organisation and constitution of similar institutions in other developed European countries.

4. Conclusion

In accordance with the intention to constitute CGI as modern and efficient institution that will work successfully on solving the problems in geodetic activity and perform works of interest to the Republic of Croatia it can be concluded that all types of assistance from similar European institutions are welcome having in mind objective circumstances that the geodetic activity and the Republic of Croatia as a whole have found themselves in at the moment. |

References:

Narodne novine: Zakon o državnoj izmjeri i katastru nekretnina (The law of State Survey and Real Estate Cadastre), br. 128, Zagreb, 1999.