



Republic of Croatia

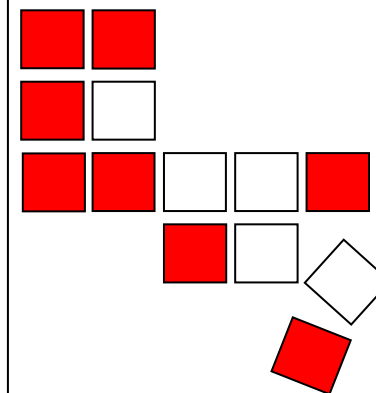
State Geodetic Administration

NATIONAL REPORT OF CROATIA

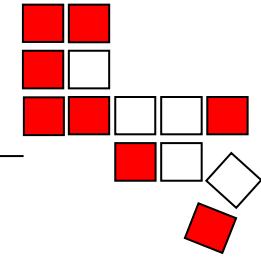
Martina Kekić, Dipl. Ing.

Mr. sc. Marijan Marjanović

Marinko Bosiljevac, Dipl. Ing.



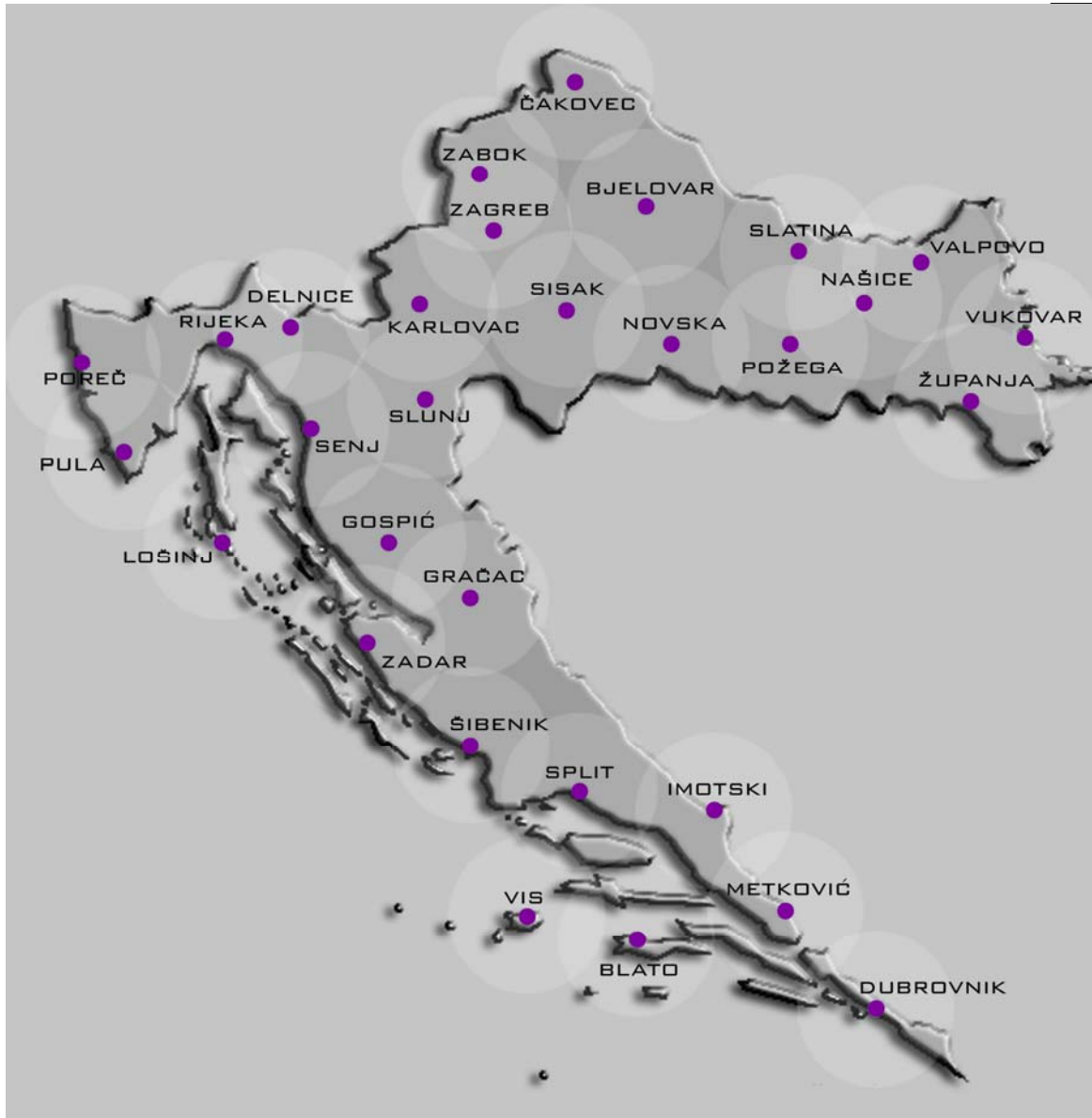
CROPOS

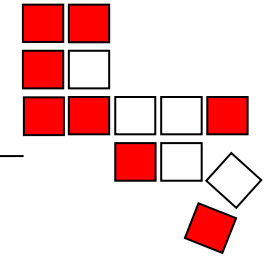


CROatian **PO**sitioning System

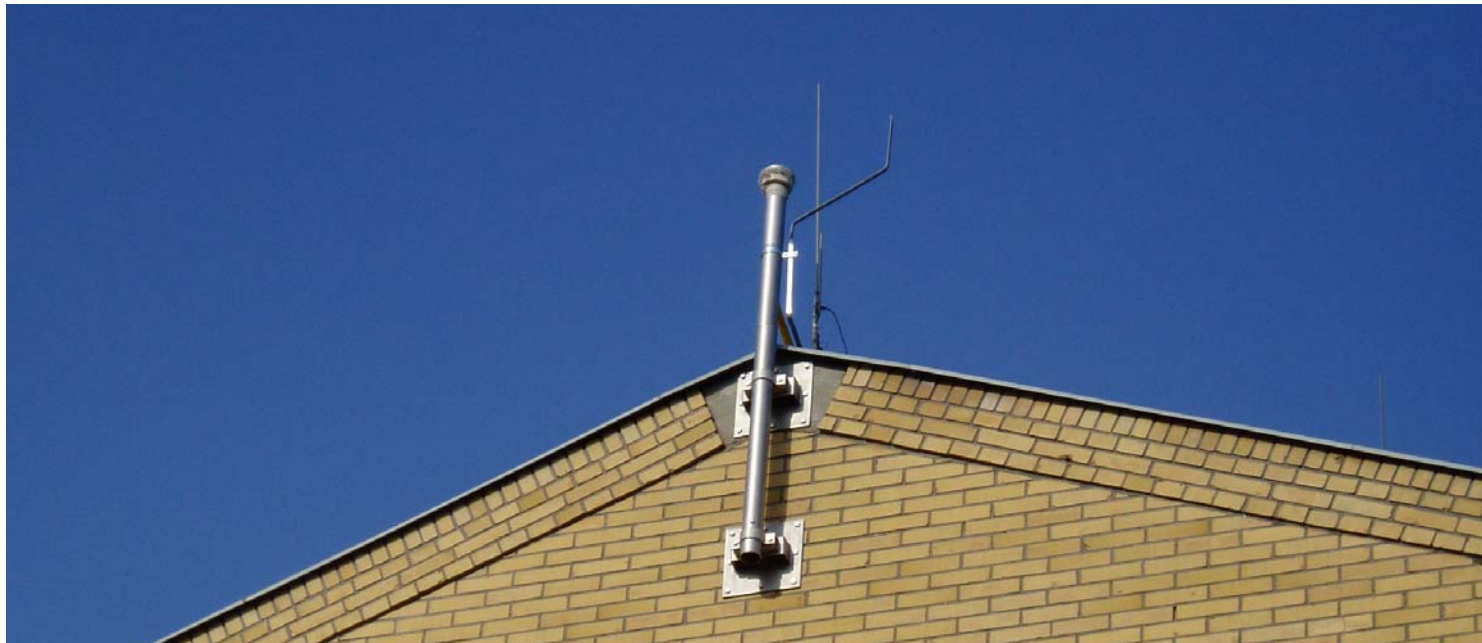
- 30 GNSS reference stations

- financed from PHARE 2005 project

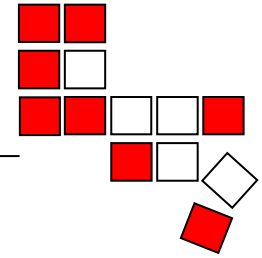




- Installation of antenna carriers – finished



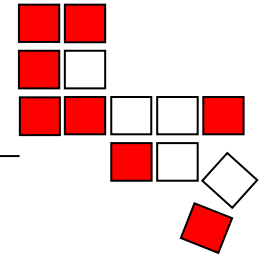
- IT/ICT infrastructure project
→ ADSL, ISDN installation in progress



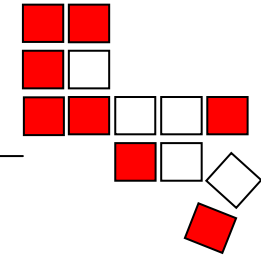
- Tender launched – 4th May 2007
- Bids opened - 16th July 2007
- Contract signed with Trimble Europe – 28th November 2007

FUTURE ACTIVITIES

CROPOS



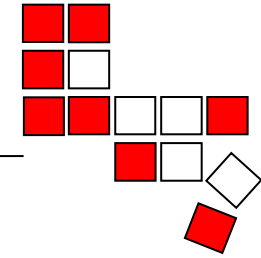
- GNSS equipment delivering and installation on reference stations and control centre
- System configuration and optimization
- Networking the whole system and on trial operation (September 2008)
- Testing the system operation in real field conditions
- Employee education on system maintenance and user support



Technical Assistance for Integrated Land Administration System in Croatia – Component 3

- Aim is:
 - to inform the public and users on CROPOS capabilities (different services that will be offered to future users and its accuracy, necessary investments in GNSS equipment for using the system etc.)
 - to elaborate procedures and regulations that will help users in practical usage of CROPOS
 - to establish data quality control system

Gravity measurements



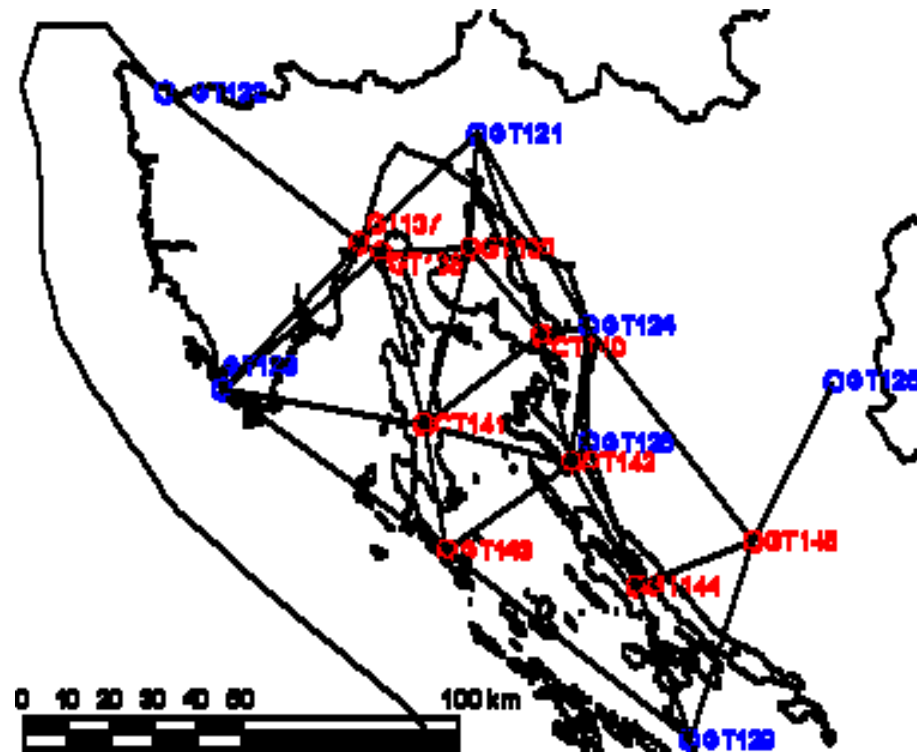
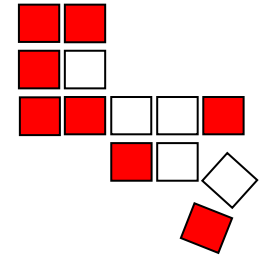
- start of measurements in national 2nd order gravimetric network in region of Istra as pilot area

-network consists of 18 stations:

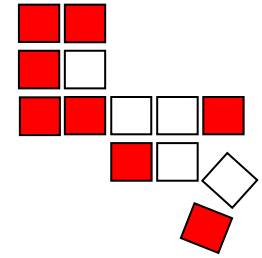
- 3 first order stations
- 15 newly established stations of second order gravity network



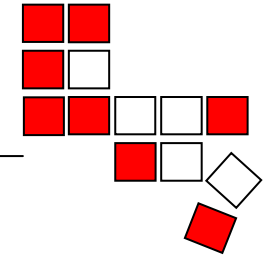
- extension of 1st order gravimetric network on northern Croatian islands (new sites are marked red)



- height connection of northern Croatian islands in addition to extension of 1st order gravimetric network



Renovation of fundamental geodetic network control points



- as fundamental geodetic network control points (78) are foundation for Croatian Terrestrial Reference System - important to keep their materialization useful



- 2006. – renovation of seven pillars
- 2007. – renovation of 17 pillars
- 2008. – renovation of 5 pillars - planned



THANK YOU FOR YOUR ATTENTION

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