

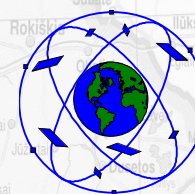
LATVIJA

Mērogs 1:1 650 000



National report for EUREF from Latvia

EUREF 2005
Vienna, June 1 - 3, 2005



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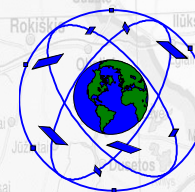
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Our tasks:

- GPS network;
- GPS reference system – LatPOS;
- Levelling network;
- Gravimetrical measurements;
- Magnetometrical measurements;
- Maintenance of geodetic documentation;
- Preparation of law.

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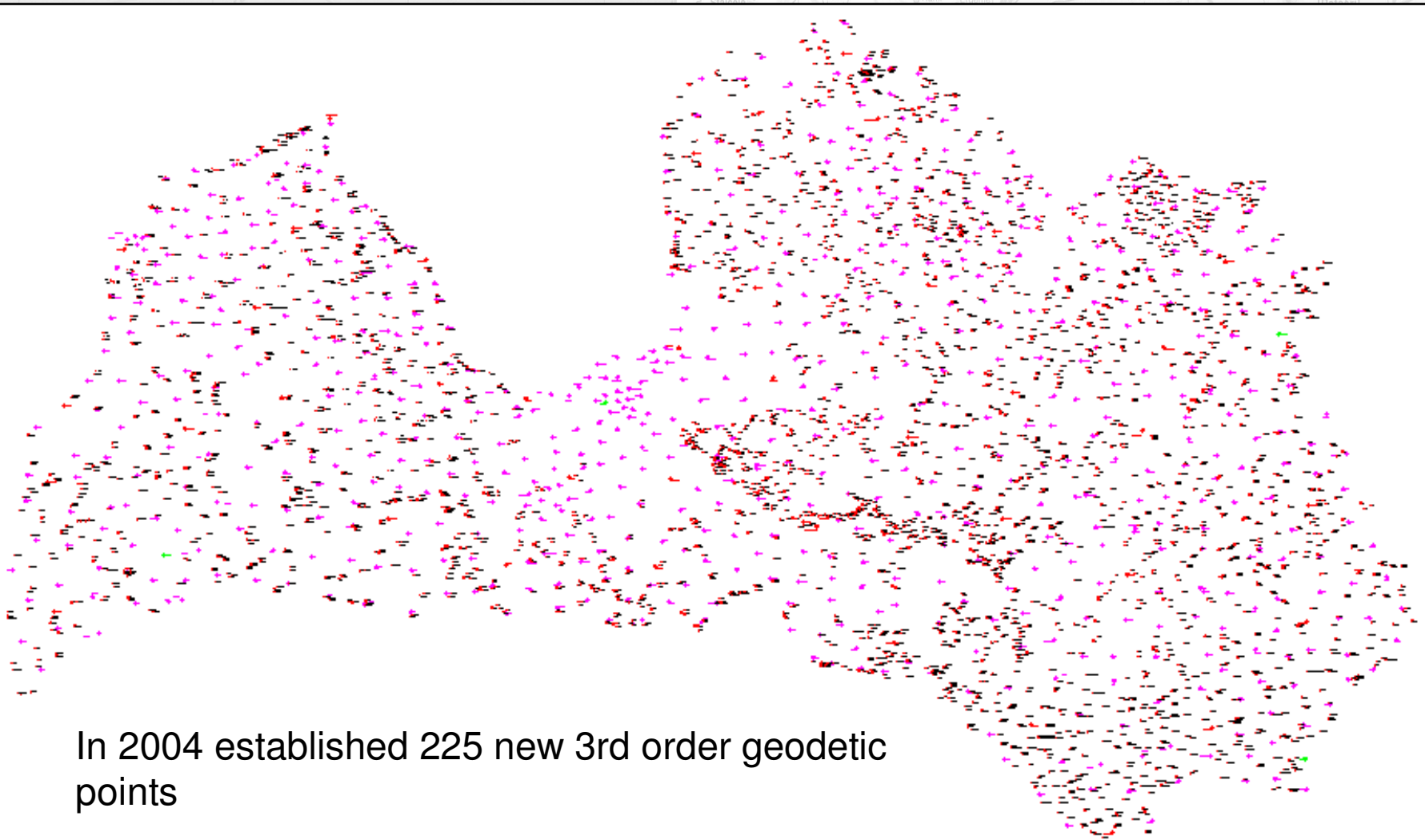


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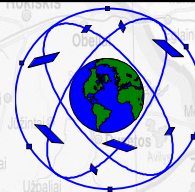
1st, 2nd and 3rd order National Geodetic Network



In 2004 established 225 new 3rd order geodetic points

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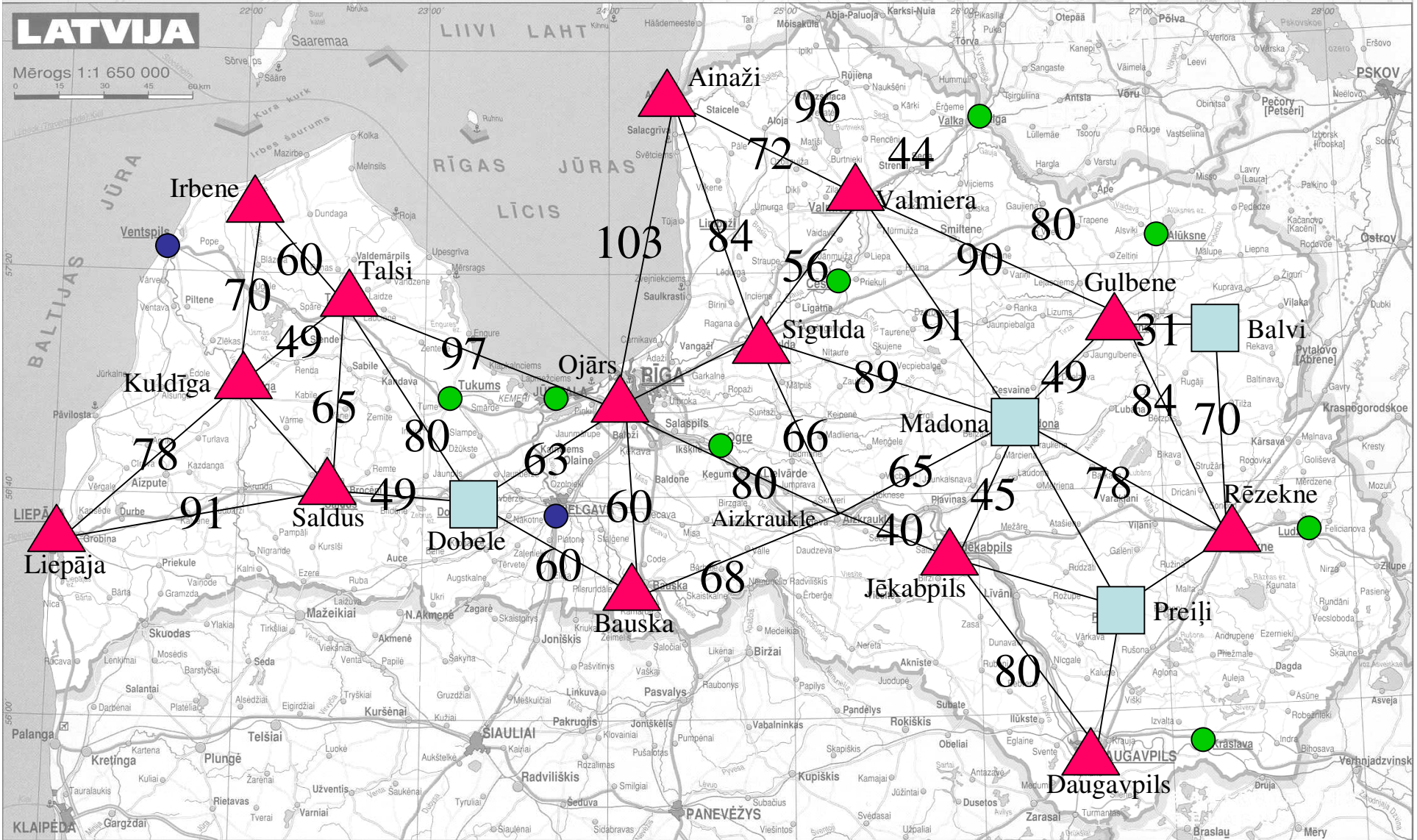
Location of reference stations and State Land Service offices

● Center of region ● Customers service center ▲ Reference stations

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Location of reference stations and State Land Service offices

● Center of region ● Customers service center ▲ Reference stations



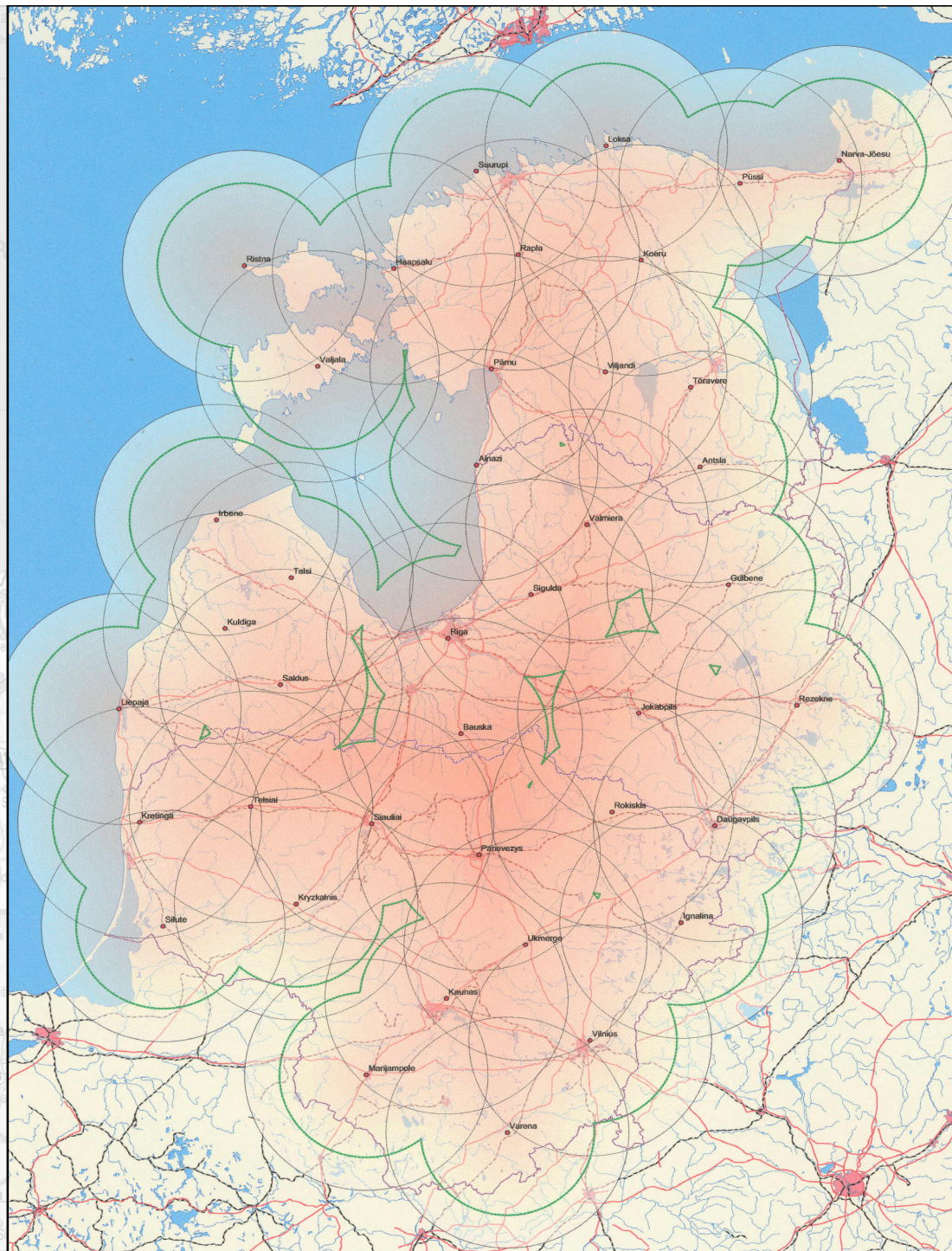
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BaltPOS

BaltPOS:

Common GPS reference
station network in the
Baltic states - Estonia,
Latvia and Lithuania.



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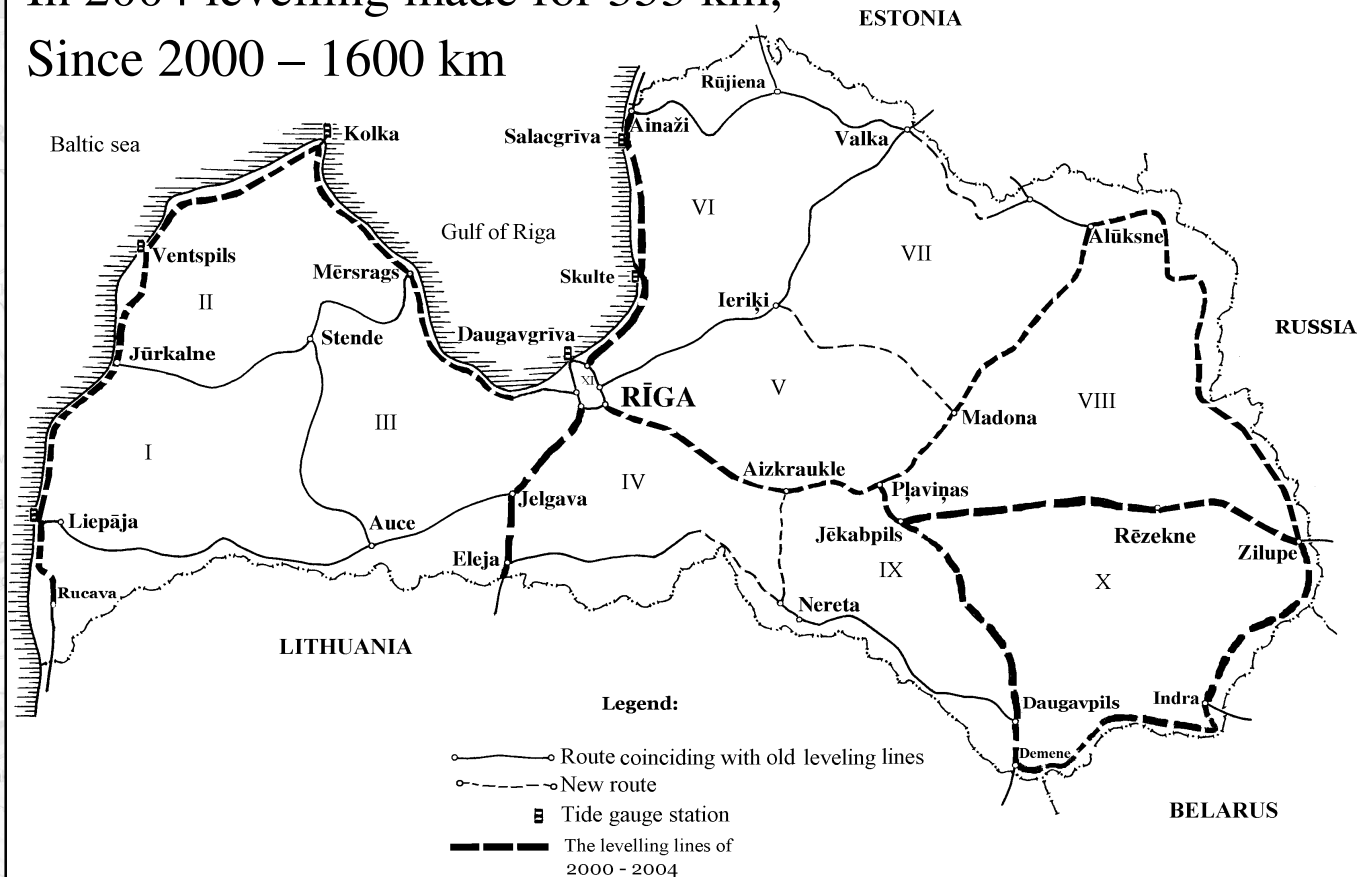
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0 15 30 45 60 km

First order Levelling network principal scheme, status – 2004/2005

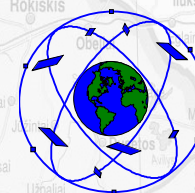
In 2004 levelling made for 353 km;

Since 2000 – 1600 km



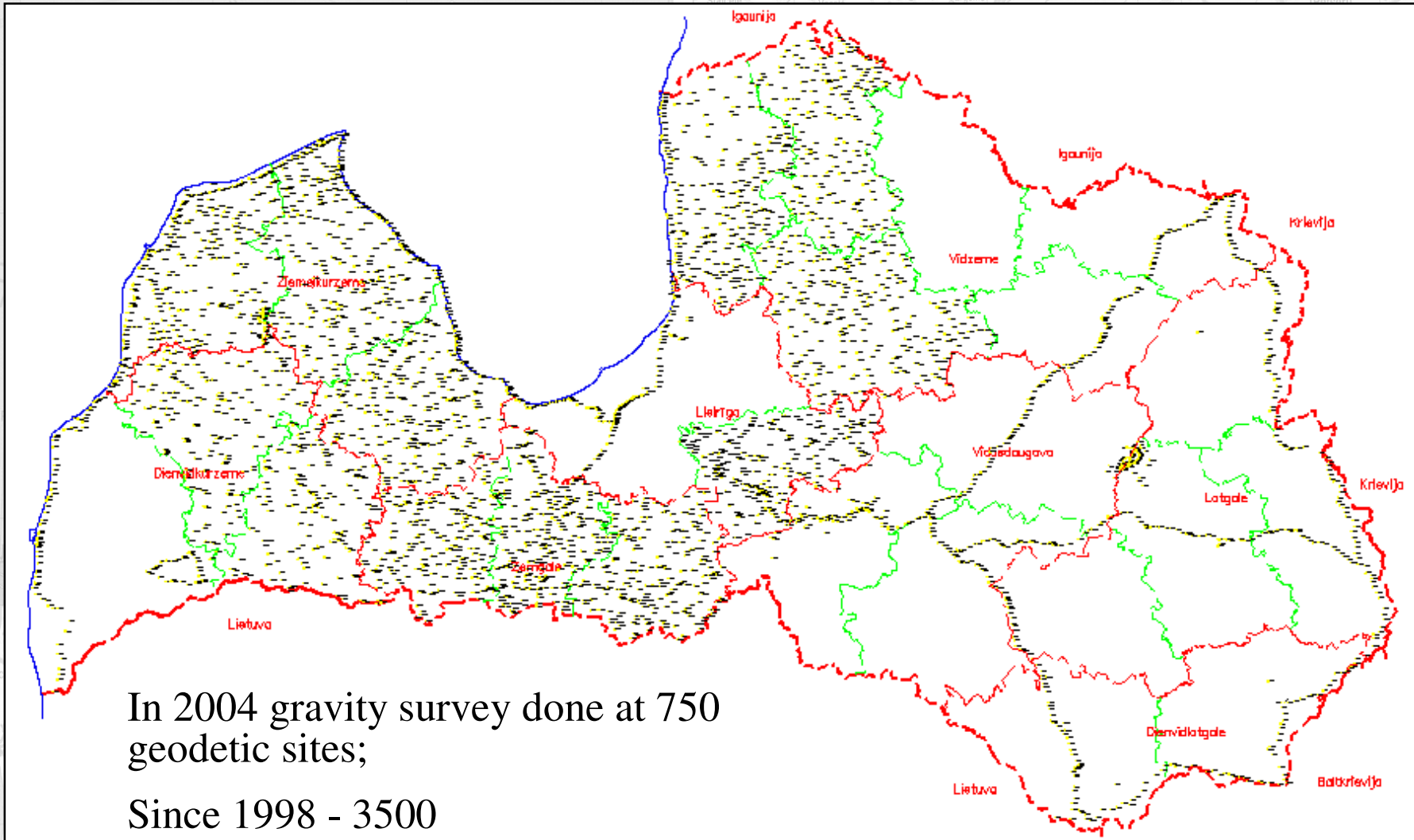
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Gravity data at the State Land Service, survey from 1999 - 2004



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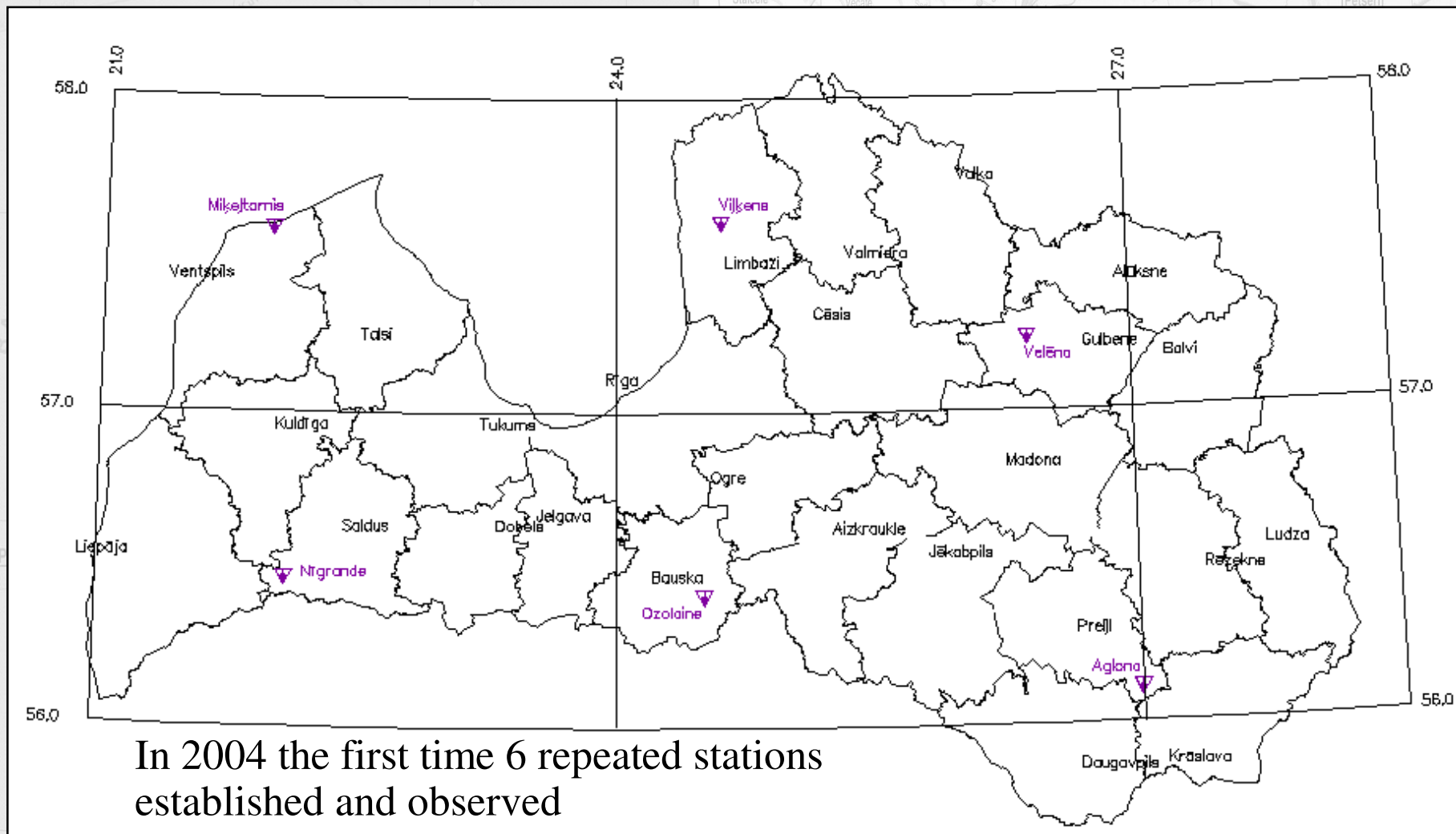
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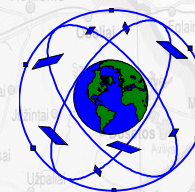
Magnetometrical measurements in 2004



In 2004 the first time 6 repeated stations established and observed

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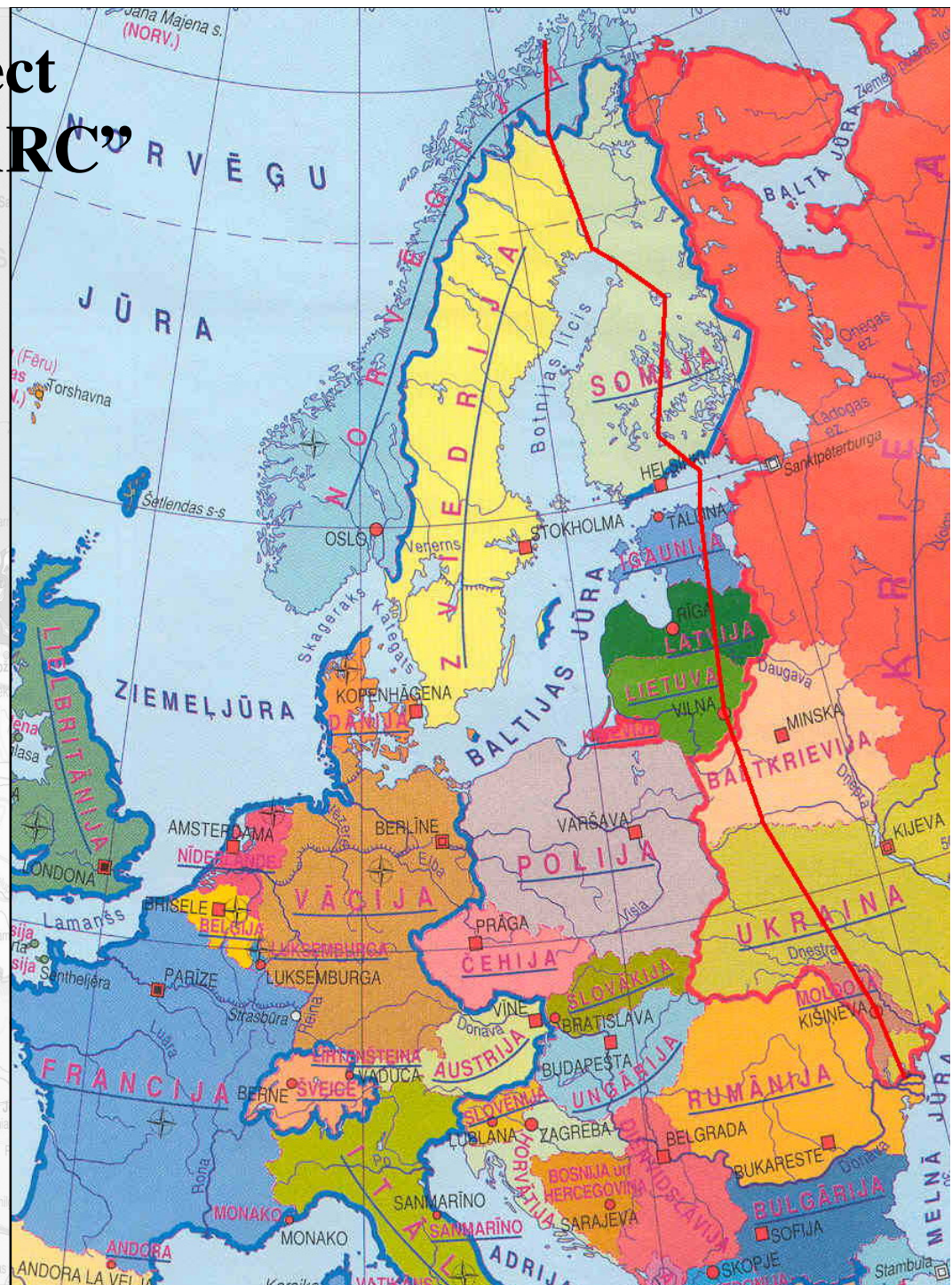
The international project “STRUVE GEODETIC ARC”

- The project is to rebuild the great work of the one of the first arc measurements.
- To honour the great investment in to the development of science.
- To save this great achievement for the future as a link between progress and the time.
- The main idea is to save these measured points and to protect them as the world heritage monument.



The international project “STRUVE GEODETIC ARC”

- The project is carried out by all of the countries through which the measurement was done.
- Only the unity and great team work of all of these involved states will allow this project to succeed.
- Good leadership will provide interest and benefit in geodesy.

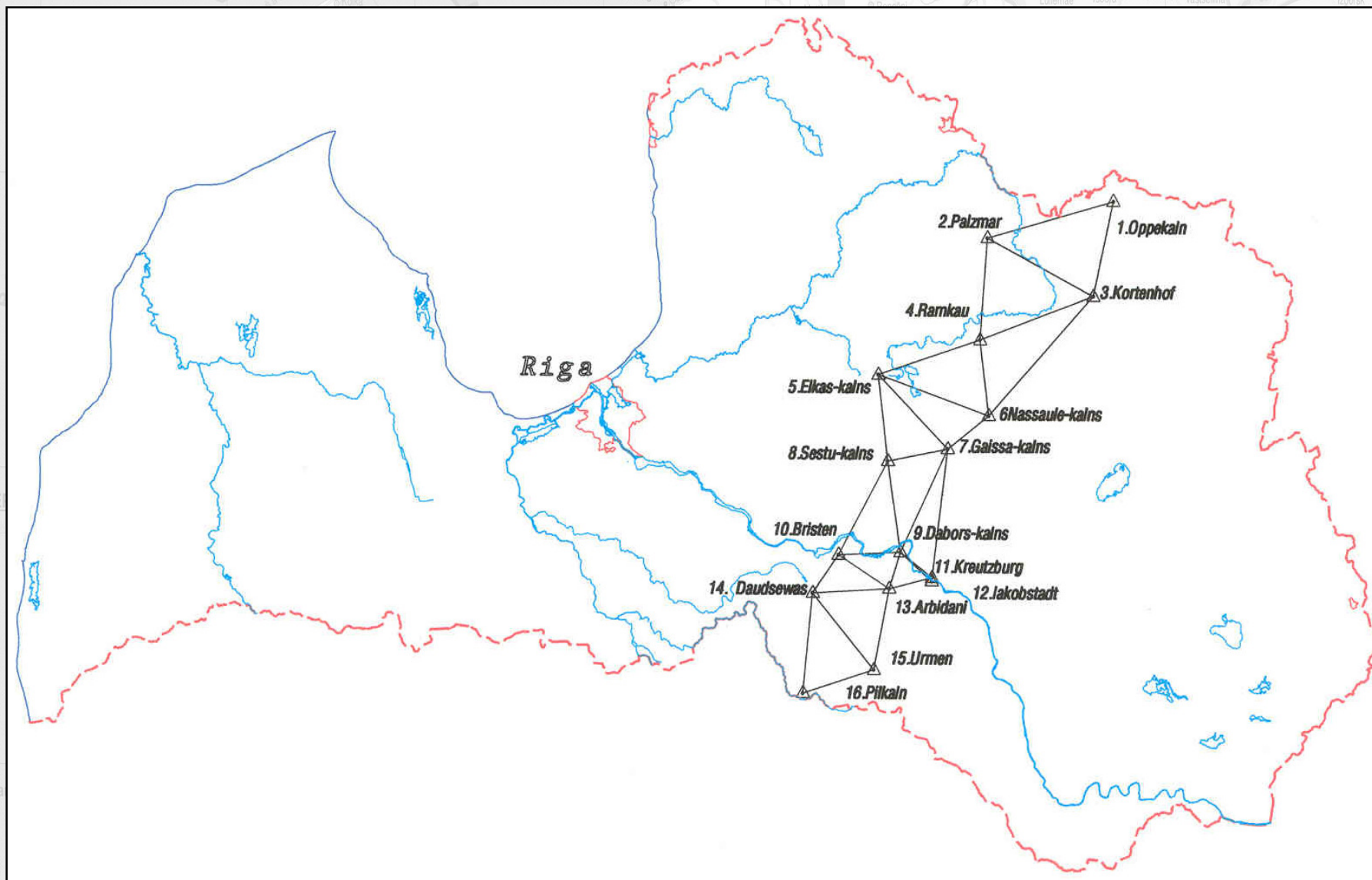


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0 15 30 45 60 km

The international project “STRUVE GEODETIC ARC”



KLAIPĒDA

Gargzdai

Tverai

Varniai

PANEVĒZYS

Siaulienai

Sodrabavas

Viešmitos

Svešasai

Uspaljai

Kulys

Zarasai

Tumanašs

Braslau

Mēry

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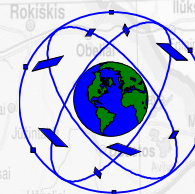


Conclusions:

- ▶ **Geodetic work must be continued;**
- ▶ **Important to work together with INSPIRE initiatives and EuroGeographics;**
- ▶ **Nevertheless geodesy and mapping is under ministry of Justice or it will go under the ministry of Defense, activities of geodetic work should increase;**

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GPS network sites



Any Questions ???



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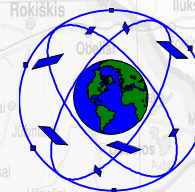
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Thank you for attention!

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