



National Report of Estonia 2014

Karin Kollo, Priit Pihlak, Tõnis Oja, Raivo
Vallner



Permanent Reference Stations

- Renewing network from 9 to 20 station
- Bernese 5.0, Bernese 5.2 implementation
- Submission data to EUPOS Combination Centre
- Participation in NKG Geodetic Commission GNSS AC project

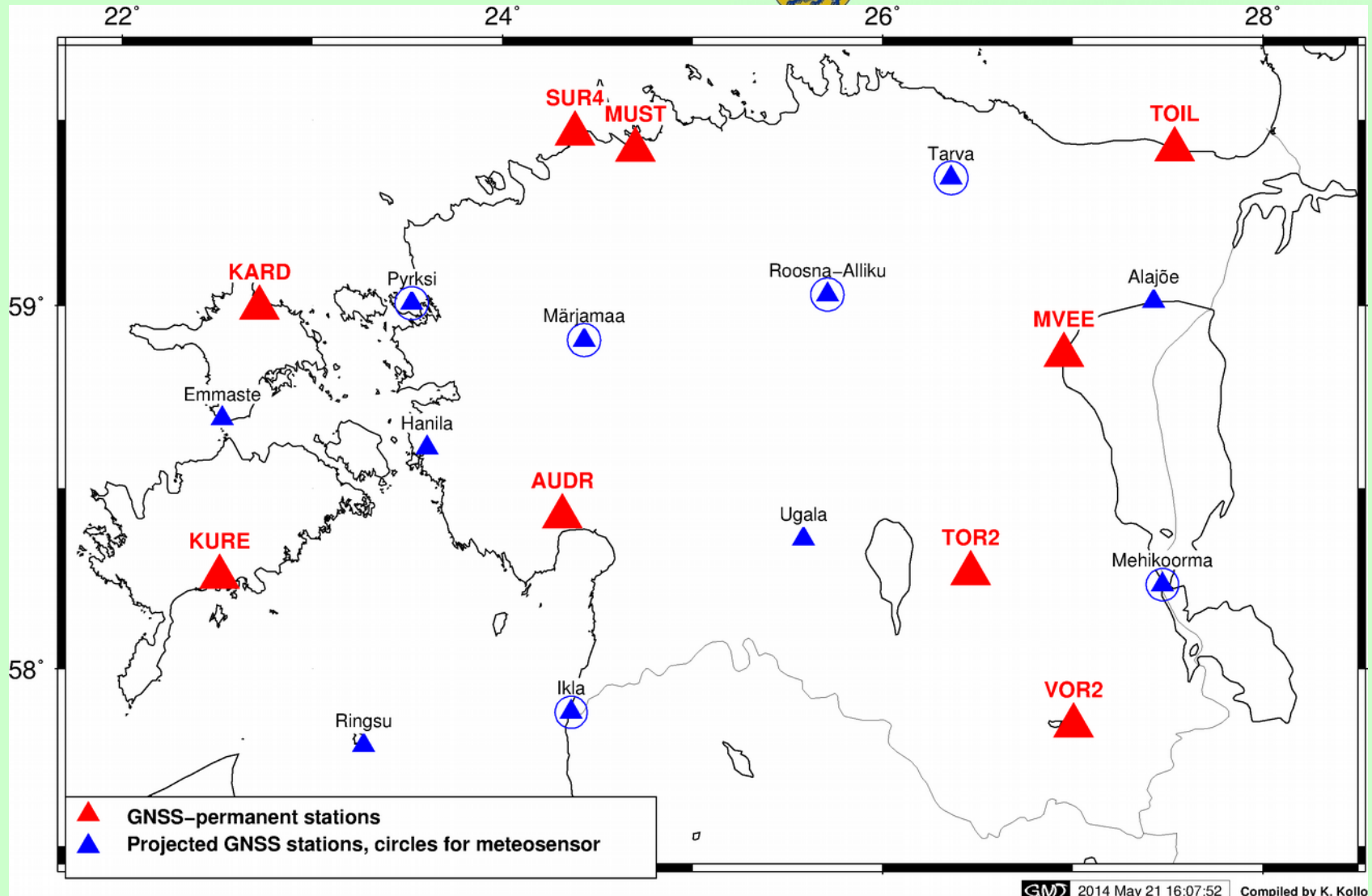
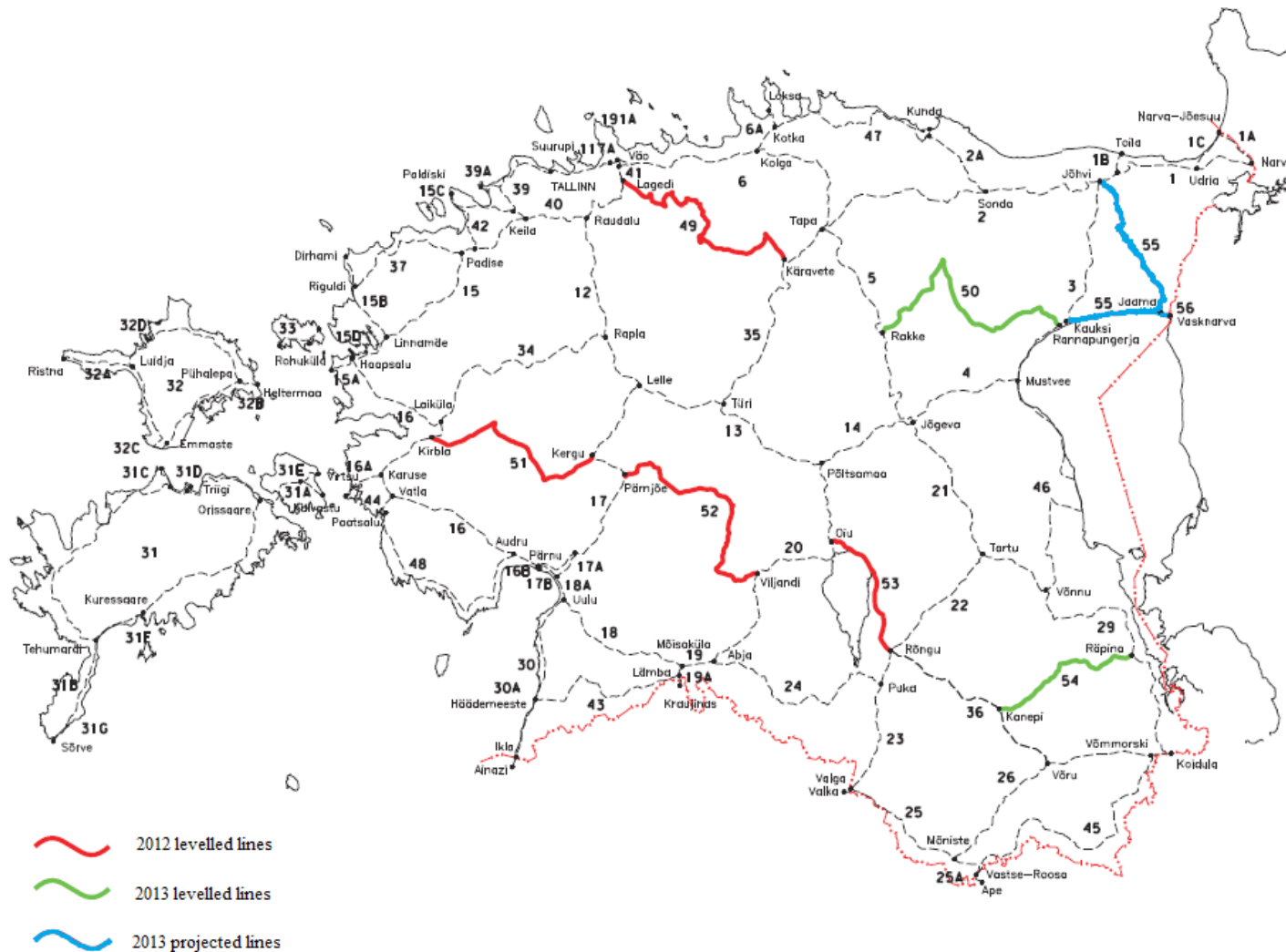


Fig. 1. GNSS Permanent Station Network



Precise Levelling Network

- 1st order levelling in year 2013 – 170 km
 - Connections to newly established fundamental benchmarks
 - 2 new lines 155 km
- Benchmarks for levelling line Kauksi-Vasknarva-Jõhvi (100 km)





Gravity activities

- The main works in 2013:
 - Dense gravity surveys in Eastern Estonia
 - Preparation of the Estonian gravity database (Fig. 3)
- In 2012 a joint cooperation project was initiated between the Nordic and Baltic countries for the computation of new regional geoid model NKG2014

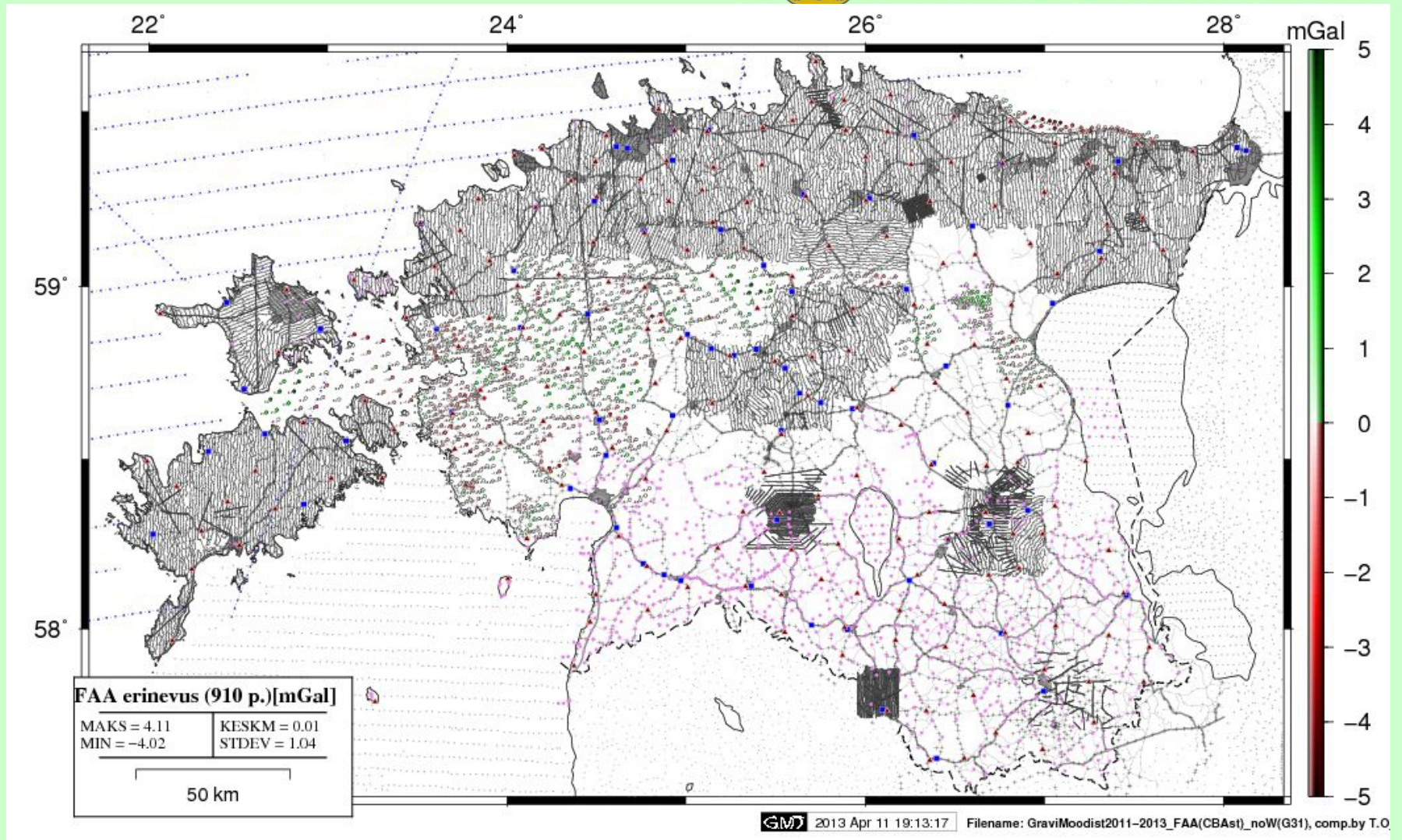


Fig. 3. The database of gravity network and survey points (May 2014)



Thank you for the attention!