

**Joint Baltic and Nordic geoid meeting in Tallinn, Estonia.  
November 16-17, 2000**

**Thursday, November 16, 2000**

10:00 Opening address K. Kangur, Director General of ELB

10:05 Introduction and Welcome, Sessions

- Overview and status of NKG geoid project - Dag Solheim
- NKG-96 status and fits to GPS levelling - Rene Forsberg
- Database status and presentation of overview maps - Gabriel Strykowski
- Fennoscandian compilation and extensions of the data exchange agreement - Juha Korhonen

11:30 - 12:00 Coffee Break

12:00 - 13:30 Sessions

- Baltic Sea airborne gravity survey and impact of new data on geoid - Rene Forsberg

- The Arctic Gravity Project - Rene Forsberg

- The Baltic Sea Level Project - Markku Poutanen

National geoid models, fitting to GPS/levelling data

- Norwegian Height Reference Surfaces - Dag Solheim

- Estonian experiences with new geoids - Harli Jürgenson

13:40 - 14:30 Lunch Break

14:30 - 16:00 Sessions

Gravity work, short national reports

Denmark - Rene Forsberg

Estonia - Tõnis Oja

Finland - Geological Survey of Finland, Seppo Elo or Juha Korhonen

Finnish Geodetic Institute - On some principles used in relative gravity survey of the Finnish Geodetic Institute.

Hannu Ruotsalainen

Latvia - Janis Kaminskis

Lithuania - Eimuntas Parseliunas

Norway - Dag Solheim

Sweden

National Land Survey of Sweden - Martin Lidberg

Geological Survey of Sweden - Sven Aaro

16:00 - 16:30 Coffee Break

16:30 - 18:00 Sessions

National geoid models, fitting to GPS/levelling data (continue)

- Denmark - Rene Forsberg
- Finland - Matti Ollikainen/Martin Vermeer
- Latvia - Janis Kaminskis
- Lithuania - Eimuntas Parseliunas
- Sweden - Martin Lidberg

Establishment of a Baltic and Nordic GPS/levelling dataset

19:00 Gathering at the hotell Mihkli, short walking tour in the Old Town, dinner at the restaurant

## **Friday, November 17, 2000**

9:00 - 10:30 Sessions

Geoid computation

- Possible improvements to the NKG geoid computation - Lars Sjöberg
- Modification of Stokes kernel - Rene Forsberg and Ove Dahl
- Martin Vermeer
- On the Permanent Tide in the Nordic Geoid - input from Martin Ekman presented by Dag Solheim
- New satellite missions and their impact and importance for the geoid - Dag Solheim (Bjørn Ragnvald Pettersen)
- Invitation to Nordic/Baltic cooperation from the Norwegian GOCE group

10:30 - 11:00 Coffee Break

11:00 - 12:30 Sessions and Closing the Meeting

Future cooperation and discussion

Suggested items

Release date of the new NKG geoid, release policy, computational area

Geoid computation workshop at SK Hønefoss?

Joint gravity campaigns, exchange of data (gravity, GPS/levelling)

New satellites, frequency of WG meetings

Resolutions and recommendations

12:30 - 13:30 Lunch Break