



NORDISKA KOMMISSIONEN FÖR GEODESI

Chairman
NIELS ANDERSEN
DTU Space
National Space Institute
Juliane Maries vej 30
Building Rockefeller, room 264
DK-2100 KØBENHAVN
Danmark

Secretary
MIKAEL LILJE
Lantmäteriet
Geodesienheten
SE-801 82 GÄVLE
SVERIGE

THE PRESIDIUM OF THE NORDIC GEODETIC COMMISSION (NKG)

MINUTES OF 49TH MEETING

TELECOM

JANUARY, 17, 2012

PARTICIPANTS

Denmark:	Niels Andersen, DTU Space (Chair)
Finland:	Jarkko Koskinen, FGI Markku Poutanen, FGI
Iceland	Guðmundur Valsson, LMI
Norway:	Per-Erik Opseth, SK Torbjørn Nørbech, SK
Sweden:	Mikael Lilje, LM (Secretary)



ITEM 1. OPENING OF THE MEETING

Niels opened the meeting and welcomed us all to the telecom meeting primarily to discuss the project proposals sent in by the Working Groups chairs.

ITEM 2. APPROVAL OF THE AGENDA

The agenda was accepted.

ITEM 3. DISCUSSION ON PROPOSED PROJECTS

- **Computation of the NKG2014 geoid model.** The Presidium thinks that this proposal is a very good proposal for an urgent project. The project was accepted according to the project proposal with the addition of Gudmundur Valsson (Iceland) to the list of participants.
- **Investigation of the requirements for a future 5 mm (quasi) geoid model.** The project was accepted by the Presidium. Once again, a very important issue for the future and the Presidium wish the project good luck.
- **Finalisation of the Baltic Levelling Ring (BLR).** It is very important that we finalise our project in a good way and this project aims to a publication of the BLR. The Presidium encourages the project on this as well as encourages other projects within NKG to finalise their work with good documentation. The publication will be printed in the publication series by the FGI and the Presidium also encourages the project to submit an article to appropriate publication (if this is not already done).
- **Review of current and near-future levelling technology.** The working group is asked to postpone the start of this project until at least end of April due of two main reasons;
 - o Olav Vestøl is proposed as project leader but he is currently only working 20% for Statens Kartverk and does not have the time to carry on this assignment according to Statens Kartverk. His working situation will be better known within a few months and definitely before end of April.
 - o The Presidium has proposed a work shop in Norway the 16th of April and there is a possibility that this subject will be discussed there. Outcome from the work shop could be interesting and important for the project.
- **Empirical land uplift modelling.** The working group is asked to postpone the start of this project until after the work shop in April. The Presidium believes that the project is necessary but also believes that the work shop in April can/will give valuable input to the project. What also can be noted is that FGI is currently seeking funding for work in this field and that the outcome could be known by end of April.
- **Absolute gravity measurements in Fennoscandia.** The Presidium believes that it needs more information about the project in terms of scope, aim, work plan, resources etc. The subject is vital for geodesy in the Nordic Area and the Presidium agrees that the working group on Geodynamics need to address the issue. However, more information about the



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project is needed before decision can be made. Currently Dagny is on maternity leave but she has been replaced by Matthew Simpson.

- **ITRF - ETRS 89 Transformations.** This project deals with a very important subject and the Presidium believes that it is important if the project can start as soon as possible. The list of officers involved should be added with Gudmundur Valsson (Iceland) and Torbjørn Nørbech (Norway). We should also have someone from Denmark and Niels Andersen will discuss with Lola Bahl in due time.
- **Nordic GNSS Analysis Centre (NKG AC).** Very important subject and in some way are we already doing this. Norway decided not to participate in this project and since Lola Bahl unfortunately could not participate we need to ask her as well if the participation of Marianne Knudsen can be supported. The project is asked to come up with a more detailed and updated project plan according to its work plan and present it to the Presidium later during 2012.
- **NCGN - Nordic Combined Geodetic Network:** The project proposal is accepted but the Presidium urges the project to look at the whole Scandinavian Region instead of "only" the Baltic Sea. Markku told that a student is planned to hire to initiate the work in the FGI.

In summary, the NKG Presidium believes that the proposed projects are important for the progress of NKG and hopes that all involved institutions have the possibility to participate. In general, we welcome the Baltic countries to participate in the projects.

ITEM 4. OTHER BUSINESS

- Christian Rost is the new national delegate from Norway to the Working Group on Geodetic Infrastructure.
- Statens Kartverk has been promised funds for improving and modernization of the Geodetic Infrastructure at Ny Ålesund. There will e.g. be a new VLBI antenna built in the coming years.
- FGI has also been given funds to renovate Metsähovi; this includes e.g. SLR, VLBI and a superconducting gravimeter.
- Niels is asked to discuss with Per Knudsen about the preparation of the work shop the 16th of April. The scope, predetermined presentations as well as whom are allowed to participate needs to be addressed. Statens Kartverk is working on the details about the arrangement.
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ITEM 5. CLOSING OF THE MEETING

Niels ended the meeting by thanking everyone for an effective meeting.