



# NORDISKA KOMMISSIONEN FÖR GEODESI

Nordic Geodetic Commission, Working Group for GNSS positioning  
Chairman  
Casper Jepsen  
Agency for Climate data, Denmark,  
Sankt Kjelds Plads 11  
2100 Copenhagen Ø  
Denmark

## NKG Working Group for GNSS positioning

### Agenda for the physical meeting, Helsinki, Finland, March 04–05, 2025

**Place:** On-site:  
National Land Survey of Finland, Opastinsilta 12, Pasila, Helsinki.  
(more detailed will follow)  
Online: Link will be provided to the registered participants by Topi Rikkinen  
All times displayed as local Helsinki Time (UTC +2).

#### Tuesday March 04

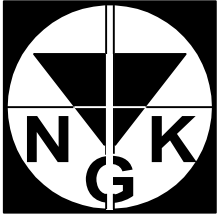
12:00-13:00 Lunch (NLS will host this)

13:00-13:30 **Welcome and backlogs**

- Welcome by NLS and Chairman
- Practical/Technical details
- Approval of the last minutes (Iceland meeting)
- Appointment of secretary for the meeting (Topi Rikkinen as local organizer)
- Approval of agenda
- Following up on Sceme for CORS stations ind the NKG Area. (Topi)

13:30-14:45 **Session 1: National reports** (5-8 min each only what's new since Iceland and focus on other aspects than those there are already in the scheme – and relevant for GNSS CORS)

- Denmark
- Estonia
- Finland
- Iceland
- Latvia
- Lithuania



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- Norway
- Sweden

14:45-15:15 **Coffee break**

15:15-15:45 **Session 2 NTRIPmonitor**

- Status from the developer. By Christian Brønnum-Hansen, KDS
- Discussions on the future for this project?

15:45-16:30 **Session 3: Jammertest experience and results (Max 15 min from each country)**

- Denmark By: Lasse Lehmann, DTU (online)
- Norway (NN) Not confirmed
- Sweden (Rise or LM) Not Confirmed

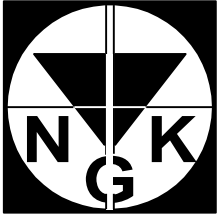
16:30-17:45 **Session 4: Jamming in General (talk and discussion not only slides)**

- "Jammertest" Estonia 2024, By: Topi Rikkinen, NLS
- The GNSS Jamming in Estonia, By: Jaanus Metsar, Maaruum
- EU taskforce on Jamming, By Per K Nielsen, KDS (online)
- Updates of the Disturbance monitoring system in Swepos. By: Kibrom Ebuy Abraha (online?).
- Use of GNSS receivers for interference detection (discussion lead by Norway)
- Discussions on preparation for Jamming.

Discussion can follow (also during dinner)

17:45-18:00 Closing for today

19:30-22:00 Dinner at Kirsikka (old Hakaniemi Market Hall) (The bill is on your own 😊)



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## Wednesday March 05

- 08:30-09:00      **Session 5: NKG Summer school**
- Program and who's presenting. By Casper Jepsen, KDS
- 09:00-10:00      **Session 6: SSR/PPP (and Galileo HAS)**
- Results from EOS Arrow Gold. By Casper Jepsen, KDS 10 min
  - MODI project. By Carl Ellingstad, SK 10 min
  - Galileo HAS long-term performance statistics and use in land surveying, By Toni Hammarberg, NLS 20 min
  - ~~A performance comparison among RTK, PPP/HAS and EGNOS during a trip from Bleik (Norway) to Kolari (Finland). By José Vallet, NLS~~
  - Results from the DINPAS-project and student thesis testing Galileo HAS – By: Martin Håkansson and Peter Wiklund, Lantmäteriet.
- 10:00-10:30      Coffee Break
- 10:30-11:00      **Session 7 GNSMART sub group results**
- Summary of meeting of the subgroup. By Topi Rikkinen, NLS
  - Future work?
- 11:00-11:50      **Session 8 Discussions and New projects**
- Development of Swepos Ionospheric monitoring service. By: Martin Håkansson, Lantmäteriet
  - The ESERCOM-D project. By José Vallet, NLS
  - Securing CORS station: How do other nations protect their CORS from intrusions and hackers. By Thorarinn Sigurdsson, NATT
- 11:50-12:00      **Session 6 – Closing of the meeting**
- Next meeting
  - Closing of the meeting
- 12:00-13:00      Lunch (NLS will host)