

## **NKG Working Group for Geoid Determination**

Agenda, October 9, Afternoon session

Presentations:

1400 - 1405 Introduction, Dag Solheim

1405 - 1420 The NKG Gravity Data Base, Dag Solheim

1420 - 1450 NKG96 geoid, Arctic Gravity Project, Preliminary,  
Nordic geoid models, Rene Forsberg

1450 - 1510 Kernel modification - an overview, Ove Christian  
Dahl Omang

1510 - 1530 Research in Geoid Determination at the Royal  
Institute of Technology, Jonas Ågren

1530 - 1600 Coffee break

1600 - 1615 The Polish geoid, Jan Krynski

1615 - 1630 Norwegian Height Reference Surfaces, Dag Solheim

1630 - 1645 Estonian Height Reference Surfaces, Geoid Topography,  
Harli Jürgenson

1645 - 1730 Discussion

Time limit for new gravity data to be included in the new  
NKG geoid

Status Swedish gravity measurements 2001

Use of new geopotential models, CHAMP

KMS computation symposium, comparison of methods

Release of geoid and/or adjusted geoid

Adjustment data (cooperation with Bifrost)

Final release date

Future work, cooperation and challenges

Geoid/quasigeoid

Digital density models

Validity of the formulas

Approximations only valid for a m-geoid and not a cm-geoid

Other items

1745 Transport to Quality Hotel Ringerike

1900 Dinner at Quality Hotel Ringerike