



National Report of Sweden

NKG General Assembly 2010

Sundvollen, September 27th–30th 2010

LANTMÄTERIET





Three organisations



- Lantmäteriet
 - Gävle
- The Royal Institute of Technology (KTH)
 - Stockholm
- Onsala Space Observatory at Chalmers University of Technology
 - Göteborg



Lantmäteriet



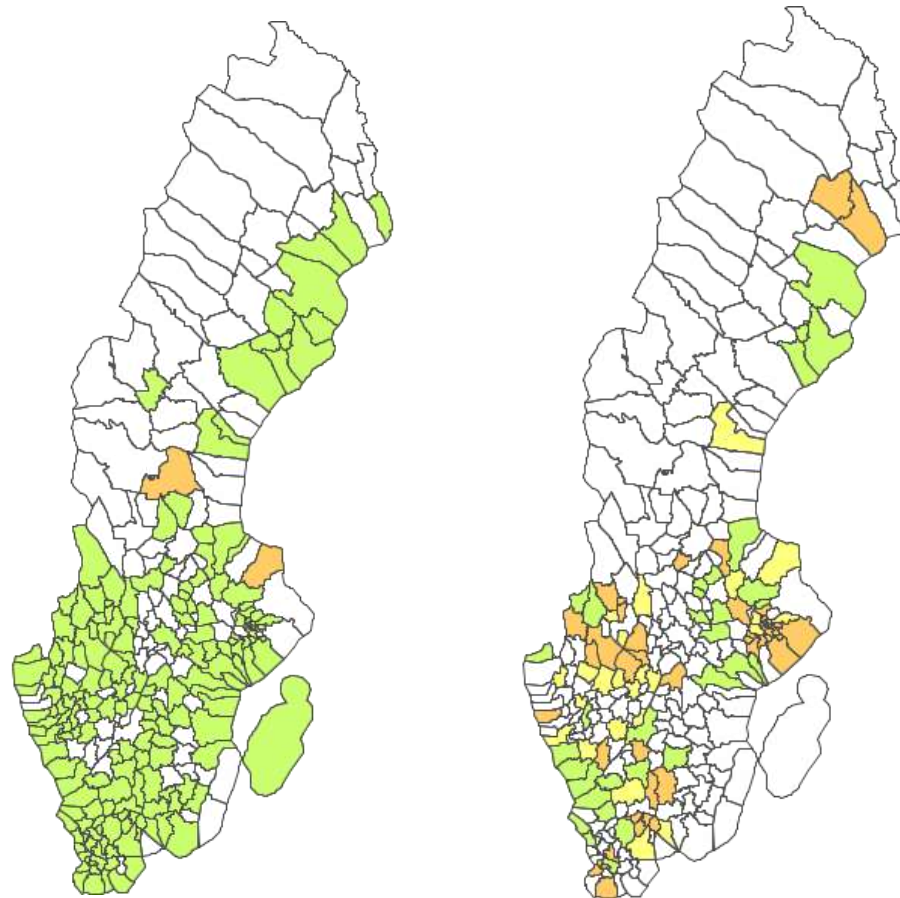
- The Swedish mapping, cadastral and land registration authority
- Geodetic department
 - Approximately 35 employees
 - Head: 2009-: Mikael Lilje
 2007-2009: Clas-Göran Persson
 -2007: Anders Olsson

SWEPOS



- 195 stations
 - 37 Class A and 158 Class B

SWEREF 99 and RH 2000



Absolute gravity



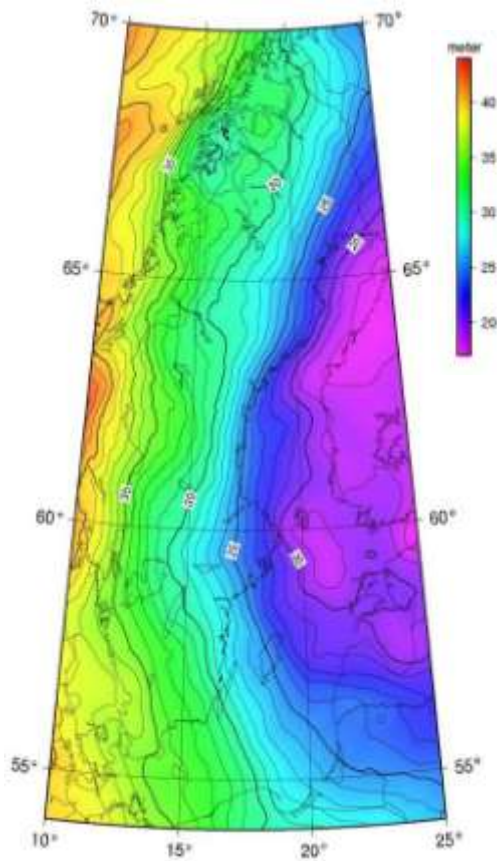


KTH



- Graduate programme
 - 3-25 students each year in Geomatics Engineering specialization of the MSc programme
 - Since autumn 2007, also a 2-year international master programme
- Postgraduate programme
 - 5 completed Ph.Ds since 2006
 - 6 active postgraduate students





- Physical geodesy
 - Improving the theory and corrections needed in order to compute the geoid to 1 cm accuracy
 - LSMSA (Least Squares Modification of Stokes Formula with Additive Corrections)
 - Used for the Swedish geoid model SWEN08_RH2000



KTH

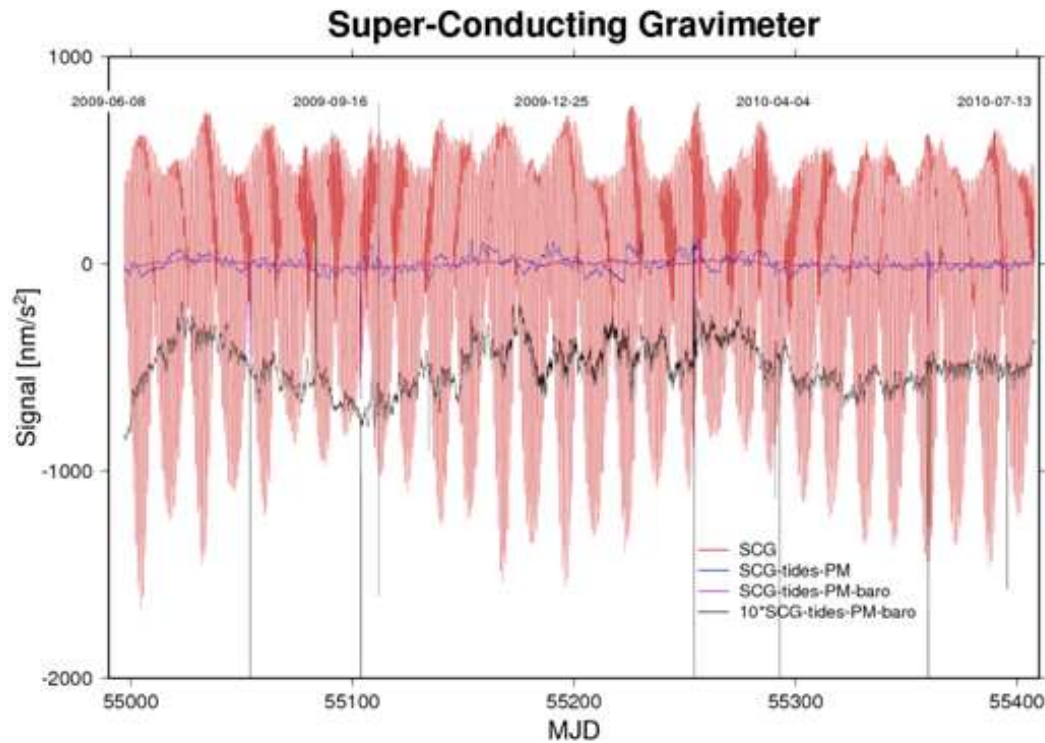


Onsala Space Observatory



- Geodetic VLBI

Onsala Space Observatory



Onsala Space Observatory



Questions?

Thank you for your attention!

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