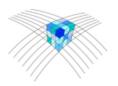
National Report of the Netherlands

EUREF 2008, Brussels, 18-20 June 2008

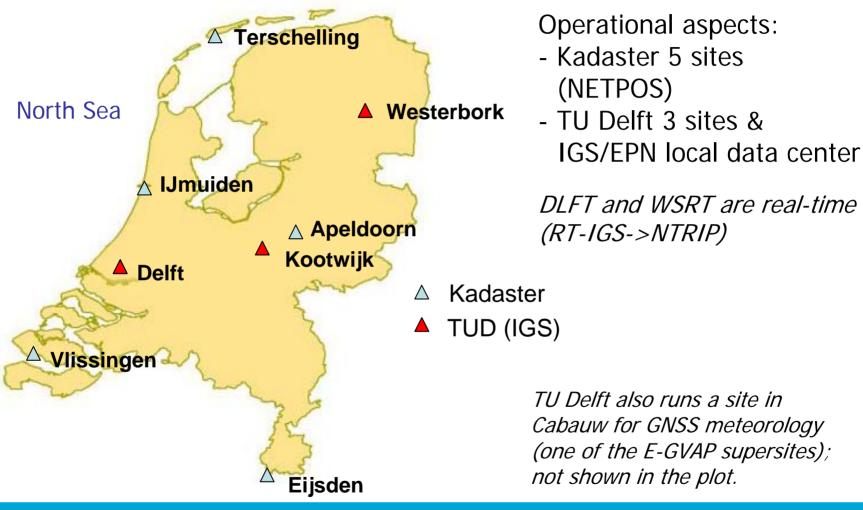
Hans van der Marel, Pavel Ditmar, Lennard Huisman (Delft University of Technology) Joop van Buren (Kadaster) Anton Kösters (Rijkswaterstaat) Herman Quee (Netherlands Geodetic Commission)



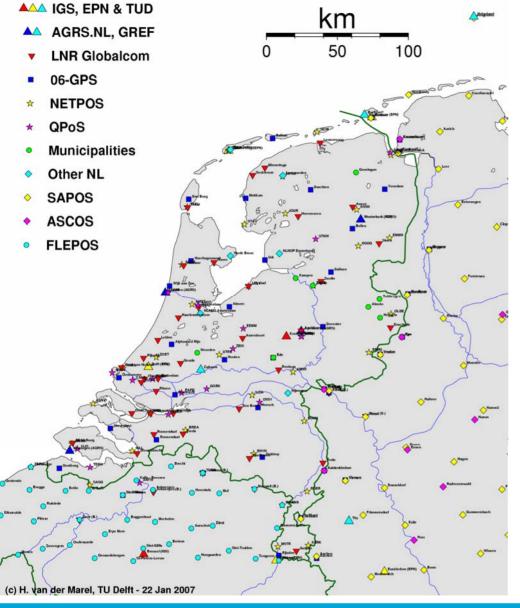




AGRS.NL: Primary GNSS Network







GNSS Providers

(with reference stations)

AGRS.NL, IGS, EPN

Network RTK providers:

- 06-GPS (38) http://www.06-gps.nl/
- LNR Globalcom (41) http://www.lnrglobalcom.nl/site/home.html
- QPoS (29->36)http://www.qpos.nl
- NETPOS (31) http://www.netpos.nl

government only

http://gnss1.lr.tudelft.nl/nlref/

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commercia

Maintenance of Classical Points

The "Triangulation" network was phased out

- Maintenance of the classical RD points was reduced to 400 GPS base points (kernnetpunten)
- The 400 GPS base points (3-D) are available in
 - ETRS89
 - Old style RD coordinates and NAP heights
- Transformation procedure RDNAPTRANS

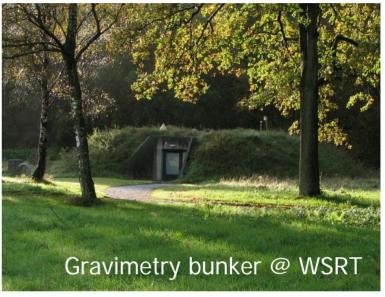
National leveling

 A new maintenance period for the national leveling network NAP was started in 2007 with a duration of 10 years.



Gravimetry measurements





In 2007 the first measurements with a new absolute gravimeter purchased by TUD in 2006 at first order gravity stations were carried out. Also, continuous gravity measurements were carried out at Westerbork (IGS station).



National Report of the Netherlands Summary

In this paper the current status and developments of the Geodetic Infrastructure for the Netherlands are described.

In 2007 important changes in the operational procedures for the permanent networks were made. Also, in 2007, national network RTK services continued to evolve, and in March 2008 a fourth network RTK provider became active in the Netherlands.

Maintenance of the classical RD points was reduced to 400 GPS base points (kernnetpunten). A new maintenance period for the national leveling network NAP was started in 2007 with a duration of 10 years.

In 2007 also the first measurements with a new absolute gravimeter purchased by TUD in 2006 at first order gravity stations were carried out. Continuous gravity measurements were carried out at Westerbork (IGS station).

Finally, the Netherlands Geodetic Commission (NCG) commissioned a study into the organization of the geodetic infrastructure in the Netherlands. The situation and organization in the Netherlands will be compared to surrounding countries. The results of this study are expected in 2008.

