Resolutions

of the EUREF Symposium in Riga, 14 – 17 June 2006

Resolution no. 1

The IAG Reference Frame Sub-commission for Europe (EUREF)

recognising that

- in October 1993 the EUREF-BG-93 campaign in Bulgaria was observed and was reprocessed in 2005,
- in August-September-October 2004 the EUREF-BG-2004 campaign was observed,
- in September-October 2003 the EUREF-NKG-2003 in Scandinavia and the Baltic countries was observed, including points in Latvia and Lithuania, and

all the results were submitted to the EUREF technical working group, where they were accepted as Class B standard (about 1 cm at the epoch of observation)

endorses the subset of points submitted to the EUREF Technical Working Group as extensions to the current realisation of ETRS89

Resolution no. 2

The IAG Reference Frame Sub-commission for Europe (EUREF)

- noting the close collaboration between EUREF, European GNSS Analysis Centres and European national meteorological institutes (represented by EUMETNET) for the near real-time determination of Zenith Total Delay (ZTD) and Integrated Water Vapour (IWV),
- and considering the needs of European national meteorological institutes to have continued access to EPN data and products,
- approves the establishment of a Memorandum of Understanding (MoU) between EUREF and EUMETNET for
 - free access to EUREF data for the determination of ZTD and IWV,
 - free access to meteorological data by EUREF,
 - exchange of data based on common guidelines,
- and invites European GNSS network operators to collaborate with European national meteorological institutes on co-located observations (GNSS and meteorological observations) and support GNSS data processing from dense national networks to contribute to meteorological applications.

Resolution no. 3

The IAG Reference Frame Sub-commission for Europe (EUREF)

- noting the resolution No. 1 of the EUREF 2005 symposium concerning the absolute antenna radome calibration
- and further noting the forthcoming introduction of standards for the use of absolute antenna calibrations within the International GNSS Service (IGS) and the EUREF Permanent GPS Network (EPN)
- considering that not all stations of the EPN use antennae for which APVC are available
- requests EPN station managers to only use absolutely calibrated antenna types on new EPN stations or when a replacement antenna radome combination is introduced to a EPN station
- and also encourages absolute calibration of antennae/ radomes that are not already absolutely calibrated after removal from an EPN station..

Resolution no. 4

The IAG Reference Frame Sub-commission for Europe (EUREF)

noticing

- the commitment to complete the GLONASS satellite constellation before the end of 2007 and maintain its capabilities afterwards
- the upcoming Galileo system
- the availability of new geodetic-type multi-GNSS receivers/antennae and analysis software

recognizing the importance of tracking all active GNSS satellites

- intends to fully integrate GLONASS observations within the EPN
- recommends station managers to use multi-GNSS equipment with "all in view" tracking capabilities when upgrading existing EPN stations or installing new EPN stations.

Resolution no. 5

The IAG Reference Frame Sub-commission for Europe (EUREF)

which held its sixteenth symposium in Riga from June 14 – 17, 2006

expresses its heartfelt thanks to the Local Organising
Committee chaired by Janis Balodis and Janis
Kaminskis as well as Gunars Silabriedis and Janis
Strauhmanis for organising the symposium and for the
excellent arrangements resulting in a very successful
meeting

and for the support given by;

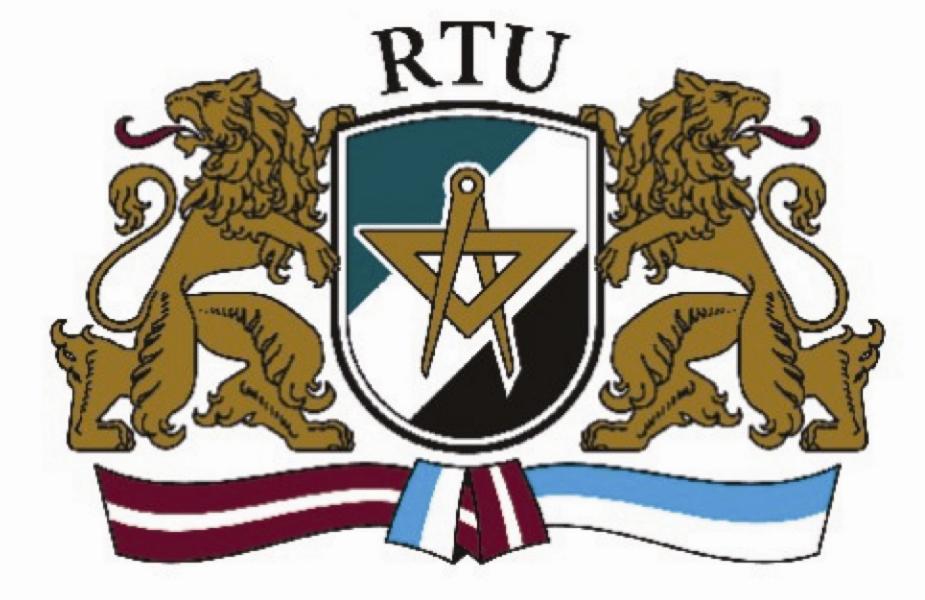
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