



Toledo, 4 - 7 June 2003

Resolution No. 1

The IAG Subcommittee for Europe (EUREF)

recognising that

– in May/June 1994 the EUREF-SLOCRO-94 campaign in Slovenia and Croatia was observed, in September/October 1995 the Slovenia-95 campaign in Slovenia was observed, in August/ September 1996 the CROREF-96 campaign in Croatia was observed, and all three campaigns were reprocessed as the combined EUREF-Slovenia- 94/95/96 solution,

– based on repeated sub-campaigns from 1993 to 2001 the EUREF-Slovakia-2001 solution in Slovakia was computed,

– in September 2001 the EUREF-POL-2001 campaign in Poland was observed,

– in July 2002 the EUREF-Austria-2002 campaign in Austria was observed,

– in September 2002 the EUREF-Hungary-2002 campaign in Hungary was observed,

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 the observations)

endorses the subsets of points submitted to the EUREF Technical Working Group as improvements and extensions of EUREF89

but considering that some existing EUREF points observed during the previous campaigns were destroyed or could not be re-observed for other reasons, and are no longer acceptable as EUREF points,

recommends that those EUREF points, proposed to be deleted by the respective National Mapping Agencies, be removed from the EUREF database and replaced by the subset of points selected by the same National Mapping Agencies.

Resolution No. 2

The IAG Subcommittee for Europe (EUREF)

Considering the adoption of ETRS89 as its official and unified Terrestrial Reference System (Resolution No. 1, Florence Symposium, 28 - 31 May 1990),

asks the European countries who have not yet adopted the ETRS89 as a basis for the re-definition of their national systems, to do so at their earliest convenience.

Resolution No. 3

Recognising the importance of the pan-European reference systems ETRS89 and EVRS as a backbone for Geodetic Reference Data as part of an European Spatial Data Infrastructure,

Noting the need for the transformation of geographic information based on national coordinate reference systems into the pan-European reference systems with the highest possible accuracy,

Endorses the proposal to enlarge the present EUREF / EuroGeographics information system for European coordinate reference systems with information on height systems, gravity field parameters and transformation services in order to realize a Geodetic Information and Service System,

asks the National Mapping Agencies

- to support the Geodetic Information and Service System with necessary information,

- to allow the information to be made available in the public domain,

Requests that the EUREF Technical Working Group continues to support to the Expert Group Geodesy of EuroGeographics.

Resolution No. 4

The IAG Subcommittee for Europe (EUREF)

Noting that the effect of unmodeled atmospheric loading on the heights of the EUREF Permanent Network stations, exceeds the target accuracy of the European Terrestrial Reference System by an order of magnitude,

Considering the importance of precise current station heights for the determination of tropospheric zenith delays and the interpretation of residual systematic errors in the adjustment of space geodetic networks,

asks the EUREF Technical Working Group to contact the European meteorological institutions for free of charge access to real time or predicted surface pressure data suited for the sufficiently accurate computation of atmospheric loading effects at all stations of the EUREF Permanent Network,

invites the International GPS Service to consider taking corresponding steps on the global level.

Resolution No.5

The IAG Subcommittee for Europe (EUREF)

recognising the efforts of Werner Gurtner as chairman of the Technical Working Group (TWG) 1999 - 2003,

expresses its heartfelt thanks for his contribution to EUREF.

Resolution No.6

The IAG Subcommittee for Europe (EUREF)

which held its thirteenth EUREF symposium in Toledo from June 4 – 7, 2003,

expresses its heartfelt thanks to the Local Organising Committee, its chairman Adolfo Dalda as well as the Instituto Geográfico Nacional, for organising the symposium and for the excellent arrangements resulting in a very successful meeting.