



Symposia - Resolutions

Berne, 4 - 6 March 1992

Resolution No. 1

The IAG Subcommission for the European Reference Frame

recognising the results of the EUREF GPS 1989 campaign obtained by the computing centres, and presented during the Bern meeting

noting Resolution No 2 of the EUREF Symposium in Firenze

recommends that the final result to be adopted is that obtained by the Bernese Group after the incorporation of the improvements identified during the Bern meeting, and that the comprehensive documentation should include the comparisons with the other solutions

and further

recommends that this solution be accepted as the current realisation of the ETRS 89 under the name EUREF 89.

Resolution No. 2

The IAG Subcommission for the European Reference Frame

recognising

- that the coordinates of stations determined by EUREF 89 will be subject to improvement
- that the existing network will be extended
- that improvements and extensions could affect the homogeneity of EUREF 89
- that the IGS campaign will take place in 1992

accepts that new campaigns must include observations at sufficient primary stations (currently defined as VLBI and SLR stations), and other neighbouring EUREF stations, to fulfill EUREF standards

recommends that a Technical Working Group of EUREF is created which will

- define standards
- advise users on the design and observation of their scheme, if required
- monitor the results
- advise the EUREF plenary meeting whether the results fulfill the EUREF standards and can be endorsed
- commission the computing centres to evaluate whether the IGS campaign should result in improvements of the coordinates of the primary stations.

Resolution No. 3

The IAG Subcommittee for the European Reference Frame

recognising various user requirements to express the European Terrestrial Reference System 1989 (ETRS 89) in geographical coordinates (latitudes, longitudes and ellipsoidal heights)

noting that differences between WGS 84 and GRS 80 ellipsoids are at the millimetre level

recommends that the GRS 80 ellipsoid is adopted in conjunction with ETRS 89.

Resolution No. 4

The IAG Subcommittee for the European Reference Frame

recognising that reliable information about local eccentricities is a key element for the success of EUREF

noting the progress that has been made in establishing a Directory of EUREF sites following Resolution No 5 of the EUREF Symposium in Firenze

recommends that this Directory should be maintained and circulated among EUREF members. This Directory should include all useful information about sources of data and guidelines for both suppliers and users of the information.

Resolution No. 5

The IAG Subcommittee for the European Reference Frame which held its second meeting in Berne from March 4 to 6, 1992, expresses its cordial thanks to the University of Berne, the Swiss Geodetic Commission and the Federal Office of Topography for making the Symposium in Berne possible and for the excellent arrangements which have ensured the success of the meeting.