

EUREF 2023 Resolutions

Resolution No. 1.

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

noting the improved accuracy and stability of the origin and scale parameters of the ITRF2020

and recognising the significance of the proposed ETRF2020 as an improved ETRS89 realisation based on the ITRF2020

urges the EUREF Governing Board to make available all the defining parameters of the ETRF2020 with an origin coinciding with that of ITRF2020 and to provide the full series of transformation parameters between ITRF and ETRF versions in an updated release of EUREF Technical Note 1

Resolution No. 2.

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

noting the improved consistency between recent realisations of the ETRS89, especially between the ETRF2014 and the proposed ETRF2020

and recognising the benefits of harmonising the reference frames used by the countries within Europe

and considering the differences in coordinates between recent realisations of the ETRS89 and former realisations that have been adopted by European countries

recommends that the EUREF Governing Board investigates the impacts of national adoption of recent ETRS89 realisations compared to previously adopted ETRS89 realisations, whilst considering the needs and expectations of the geodata community

Resolution No. 3.

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

noting the importance of having EUREF Reference Frame products and time series expressed in the latest ITRS realisation

and recognising the importance of long term, homogeneously reprocessed products that conform to the latest IGS20 standards

and considering the recent introduction of IGS20 standards starting from GPS week 2238

requests that all the EPN Analysis Centres start providing operational products conforming to IGS20 standards by July 1st 2023

and urges all EPN Analysis Centres, who expressed their willingness to participate in the EPN-Repro3 campaign, to make every effort to finalise their reprocessing by the end of 2023 in order to provide their reprocessed solutions to the latest IGS20 standards

Resolution No. 4.

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

recognising the importance of having, up to date and complete EPN Reference Frame and troposphere products

and also recognising the importance that the corresponding site metadata is accurate and up to date

encourages any EPN station managers who have RINEX data, that has not yet been provided to the EPN Historical Data Centre, to submit this data by the end of June 2023 in order to make it available to the EPN Analysis Centers participating in the EPN-Repro3 campaign

and further requests all site owners and station managers to take full advantage of the tools provided by the M3G facility to check their site metadata and to keep site logs fully up to date with all site changes

Resolution No. 5.

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

recognising the efforts of:

Zuheir Altamimi as outgoing President of the International Association of Geodesy (IAG)

Carine Bruyninx as outgoing President of the IAG Sub-Commission 1.3 - Regional Reference Frames

Markku Poutanen as outgoing IAG Secretary General

Elmar Brockmann as outgoing chair of EUREF working groups 'European Dense Velocities' and 'Multi GNSS'

expresses its heartfelt thanks for their contribution to the work of EUREF

Resolution No. 6

The IAG Reference Frame Sub-commission for Europe (EUREF) which held its thirty-second symposium in Gothenburg from May 24-26 2023

Expresses its heartfelt thanks to the Local Organising Committee: Lena Gamalielsson, Rüdiger Haas, Jan Johansson, Martin Lidberg and Christian Löwhagen for organising the symposium and for the excellent arrangements resulting in a very successful meeting and for the support given by Chalmers University of Technology, Onsala Space Observatory, Lantmäteriet and RISE.