

EUREF 2018 Resolutions

Resolution No. 1.

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

recognising that Galileo is developing towards a fully deployed global navigation satellite system

and further recognising the effort within the IGS MGEX working group to significantly improve the quality and availability of the Galileo orbits

and noting the efforts and investment of station managers to install multi-GNSS stations and to establish the associated dataflows

encourages the analysis centres to build their capabilities for processing Galileo observations

however noting the analysis centre's requirement for Galileo specific receiver antenna calibrations

asks the EUREF community, GSA, ESA and the GNSS industry to support the IGS antenna working group in order to overcome the missing receiver antenna calibrations for Galileo signals

Resolution No. 2.

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

recognising that physical (gravity related) heights have many important uses, for example in European and national height systems and in studies of sea level rise and for flood protection

and noting that precise regional gravity data and geoid models are necessary for height determination using satellite-based techniques

encourages National Mapping Authorities, universities and research institutes to release their gravity and height data where this is legally possible

and requests the EUREF Governing Board form a working group to study the optimal application of height and gravity data

Resolution No. 3.

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

recognising that the Slovenia 2016 GNSS campaign and subsequent computations were completed and presented to the Governing Board (GB) by representatives of Slovenia and these results were accepted by the GB as Class B standard

endorses the set of points for Slovenia, as submitted to the GB, as an extension of ETRS89

Resolution No. 4.

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

recognising that InSAR technology is now a well established data collection technique in Europe delivering precise data with a high temporal rate

and noting the potentially high impact of linking InSAR measurements to conventional geodetic reference systems

and further recognising the potential of collocating InSAR transponders or reflectors with continuous GNSS stations and geodetic benchmarks

encourages the EUREF community to start to consider the integration of InSAR technology into reference system activities

Resolution No. 5.

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

considering emerging new technologies and techniques, for example Galileo system maturity and InSAR

and recognising the importance for the EUREF community to have a clear strategy on the adoption of these new technologies

requests the EUREF Governing Board to develop such a strategy and an implementation plan for discussion by the plenary at the EUREF 2019 symposium

Resolution No. 6

The IAG Reference Frame Sub-commission for Europe (EUREF) which held its twenty eighth symposium in Amsterdam from May 30 - June 1, 2018

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