

B IAU Working Group – Division I

Charter:

The purpose of the working group is to oversee the generation of the second realization of the ICRF from VLBI observations of extragalactic radio sources. The reference frame will apply state-of-the-art astronomical and geophysical models in the analysis of the entire relevant S/X astrometric and geodetic VLBI data set. The working group will ensure the selection of defining sources and the mitigation of source position variations and the consistency with the ITRF and the IERS EOP to improve the stability of the ICRF. The goal is to present the second ICRF at the 2009 IAU general assembly.

Goal:

Oversee generation, validation and utility of ICRF2; engage in formulation of resolutions of adoption by IAU.

Active:

2006 – 2009

Membership:

- A. Andrei, Brazil
Observatorio Nacional/MCT and Observatorio do Valongo/UFRJ
- E. F. Arias, France
International Bureau of Weights and Measures (BIPM) and
Associated Astronomer at the Observatoire de Paris
- R. M. Campbell, Netherlands
Joint Institute for VLBI in Europe
- P. Charlot, France
Université de Bordeaux, CNRS,
Laboratoire d'Astrophysique de Bordeaux
- A. L. Fey, USA
United States Naval Observatory
- E. B. Fomalont, USA
National Radio Astronomy Observatory
- R. A. Gaume, USA
United States Naval Observatory
- C. Ma, USA (Chair)
Goddard Space Flight Center, NASA
- J. Souchay, France
Observatoire de Paris/SYRTE-UMR8630 CNRS
- Y. Yatskiv, Ukraine
Main Astronomical Observatory, NASU
- N. Zacharias, USA
United States Naval Observatory