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