



25 April 1994

CALL FOR PROPOSALS : DORIS PARTICIPATION IN IERS

The International Earth Rotation Service (IERS) Directing Board, recognizing the demonstrated capabilities of the DORIS System for global geodesy, invites its application within IERS for the maintenance of reference frames and the determination of Earth rotation.

The IERS requests submission of proposals for

- Coordinating Center,
- Operational Analysis Centers,
- Scientific Analysis Centers,

for the use of DORIS data for the IERS objectives.

The Coordinating Center will have the following basic responsibilities:

- define the program of activities for IERS goals,
- organize the data collection and distribution to support the program,
- coordinate the IERS-directed work of the Analysis Centers.

Of primary concern to the IERS is a program related to the maintenance of the terrestrial reference frame. This program should include the acquisition and distribution of data from a global network, as well as the collection of data specific to the monitoring of ties with the VLBI, GPS and SLR reference frames at as many sites as possible. In addition, maintaining the global distribution of the DORIS network is considered extremely important for the extension of the IERS Terrestrial Reference Frame.

The Operational Analysis Centers should provide the IERS sub-Bureau for Rapid Service and Predictions and the IERS Central Bureau with estimations of the Earth orientation parameters (coordinates of the pole, UT1-UTC or length of day) and related information with a few days delay.

The Scientific Analysis Centers should provide the IERS Central Bureau with global analyses of the existing DORIS observations, including estimations of station positions and motions and other parameters pertaining to the terrestrial references, and of Earth orientation parameters. These global analyses are collected for the IERS Annual Reports.

Proposals for Doris Participation in IERS should be submitted by 15 July 1994, to:

Martine Feissel
Secretary, IERS Directing Board
Observatoire de Paris
61 Avenue de l'Observatoire
75014 Paris, France

Telephone (33) 1 40 51 22 26
Fax (33) 1 40 51 22 91
Internet: feissel@iap.fr

with copy to Yaroslav Yatskiv,
Chairman, IERS Directing Board
Main Astronomical Observatory
Ukrainian Academy of Sciences
252127 Kiev 127, Ukraine

Fax: (70) 44 224 63 87
Internet: maouas@gluk.apc.org

The submissions should list the resources available to support the proposed activity. As the IERS cannot provide financial resources, the commitment of institutions hosting the proposed Coordinating Center and Analysis Centers will be an important consideration in the proposal review.

The IERS Directing Board will review the proposals and make the selection at its meeting to be held in August 1994 in conjunction with the General Assembly of the International Astronomical Union.

The program of activities should include a test period extending from 1 October 1994 to 30 November 1995, with a written report to the IERS Directing Board submitted by the selected Coordinator by 1 March, 1996. During the period prior to the end of 1995, the DORIS Coordinator will be a non-voting member of the Directing Board, with voting status beginning in 1996 with successful completion of the program.

The selected Coordinator will be expected to participate in the Directing Board meetings. The Coordinator must participate in the Board meetings held in Spring and usually one additional meeting later in the year at a site coincident with an international meeting.