

Analysis Coordinator Report

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Abstract

This report describes the activities of the IVS Acting Analysis Coordinator team. Activities planned for the coming year are forecast.

1. Initial Activities

The National Earth Orientation Service (NEOS) was appointed as Acting Analysis Coordinator at the first IVS Directing Board meeting because there had been no proposal received for this position. NEOS is a joint activity of the U.S. Naval Observatory and NASA's Goddard Space Flight Center for VLBI.

The authors of this report form a team that has been performing the work of Analysis Coordinator. We plan to turn over a smoothly running system when the new Analysis Coordinator is selected.

Our first activity was to write a solicitation for IVS data products and analysis products. The solicitation was announced on March 10 and proposals were received by April 15. The purpose of the solicitation was to obtain the commitment of IVS components for providing data and analysis products on an continuing, operational basis.

Next we developed a draft data and products plan that laid out a proposed disk structure and procedures. Comments were received about the plan from various members of the IVS analysis community and changes in the data structure and the procedures were made based on the suggestions received.

We worked with the primary IVS Data Centers OPAR (Paris), CDDIS (GSFC), and BKG (Leipzig) to develop a script that verifies data and analysis submissions and then moves the files into the IVS data structure. A plan was coordinated for these Data Centers to mirror each other's holdings so that all IVS data and product files will be accessible at all three Data Centers. We coordinated with the IVS Operation Centers to begin submitting data to the Data Centers operationally. The Team is monitoring the flow of data and products to ensure that this new service functions smoothly.

2. Plans

For the immediate future, we recognize that the most work needs to be done in establishing communications between IVS Analysis Centers. We will set up an electronic discussion group to discuss work in progress such as troposphere modeling, styles of parameterization, and so on.

Coordination with the other services is a very important activity. We will make contact with the IGS and ILRS Analysis Coordinators and identify topics of mutual interest such as collocation difficulties, definition of the TRF, and problems specific to each technique. We will work with the IGS and ILRS Analysis Coordinators and with the members of the IVS teams who proposed to be active in these topics. We will also work with the new IERS Analysis Coordinator.

There have been informal proposals for a new data exchange and archiving format. We plan to initiate discussions on this topic and develop a formal proposal.

We are receiving analysis products at the IVS Data Centers and several IVS Analysis Centers have begun the work of combining the individual contributions into a single product. We encourage this activity and we are monitoring the process. A consensus still needs to be reached about what constitutes the official IVS products.

We plan to hold an analysis workshop to establish coordination among the many analysis activities of IVS. The workshop will be an opportunity to exchange ideas and expertise on various aspects of analysis techniques and results.