THE CERGOP2 DATABASE AFTER THE PROJECT
EU PROJECT CERGOP2/ENVIRONMENT WORK PACKAGE 1

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1. Introduction

This report is designed as the last yearly one within the EU project. A final report will be given separately, covering all three years and the four months of prolongation until September 2006. A short outlook will be given how the topics of work package 1 are handled in the future within the CERGOP project.

2. Additional information 2005-2006

The observation sheets of the campaign CEGRN97 could be found and have been digitised. They are now online at the server cergops2.iwf.oeaw.ac.at and can be retrieved by members of the EU project.

The eccentricity measurements of several sites in Romania are available at the server. They have been measured 2003 by a group of TU Karlsruhe at CEGRN sites and those eccenters which still exist at that time. Unfortunately all sites are observed with LEIAT502 antennas which have an inconsistent phase eccentricity file which prevents a sufficient precise combination with other antenna types. A short adjustment and transformation to identical sites show differences in height up to 100 mm and 10-20 mm in the horizontal components. Additionally the day-to-day repeatability is not better than 10 mm. It would be unwise to use the eccentricities for velocity estimations. In the meantime measurements with other antenna types of 2005 are announced to be delivered.

Because the discussion about stations (permanent and epoch) which are accepted fulfilling the quality requirements and those which are associated only is going on, no separation was made. The user is required to visit the web pages of the CEGRN Consortium to see the actual status. A separation might be expected with the reorganization of the database after the end of the EU project.

The solutions of the CEGRN campaigns present an essential part of the products of CERGOP2. The collection has been started but not yet finished. A separation between the solutions of the individual analysis centres and one "official" for each campaign is planned.

The official solutions should be the only ones to be seen by the user whereas the individual ones should be investigated only by members of the present work packages or future study groups. This can be done easily concerning the solutions of coordinates where a combined solution exists. There is no combined solution of the zenith delays yet.

Small additional changes have been made. The former CERGOP only station CONT (Constantza) became the EPN station COST. The data flow to the cergops2 server was stopped, data can be retrieved from the data centres of EPN now. The log sheet of one example epoch station was created (BRSK). Some late coming information of the CEGRN05 campaign has been added to the database.

3. Continuation

As stated already the EU project was prolonged for four months in 2006. Within this time mainly creating the log sheets of the stations is intended as the final task.

There is a general commitment to continue and improve the information within CERGOP by running the database and the web- and ftp-server for the project. Some changes are intended to be introduced already in 2006, however. The first will be to make the data accessible to the public which have been produced within the project. This means to remove the restrictions (user-id, password) from most of the contents of the web pages and the data directories. There will be still a private area probably, as mentioned above. Also members of CERGOP delivering data and not wanting them to be published (e. g. permanent stations) can be served in the future within a private (CERGOP) area. Presently there is no reason that the web pages should be private, the private data access will be handled as usual by user-id and password for members only.

For more convenience of the administration the presently separated CERGOP data and the OLG DC will be merged in the future. This is expected 2006/7 with a hopefully soft transition running both systems parallel for a certain time.