

Paris Observatory (OPAR) Data Center

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1. OPAR Data Center Functions

The Paris Observatory (OPAR) provides a Data Center for the International VLBI Service for Geodesy and Astrometry (IVS). The purpose is to store files (data and analysis files) from IVS components and to make them available to the community as soon as they are submitted.

The functions of OPAR Data Center are to:

- receive and archive schedule files from the operational centers,
- receive and archive log files and ancillary data files from the network stations,
- receive and archive data products from the analysis centers,
- provide access and public availability to IVS products for all users.

All these activities will be made in close collaboration with CDDISA and BKG Data Centers.

2. Staff Members

Staff members who are contributing to OPAR Analysis and Data Center for IVS are listed below:

- Anne-Marie Gontier, responsible for GLORIA analysis software.
- Martine Feissel, scientific developments.
- Najat Essaïfi, responsible for computer science.

3. Current Status

The OPAR Data Center is operational on a HEWLETT PACKARD 9000 Model 715 located at Paris Observatory and running the HP-UX 10.20 operating system. To make all IVS products available on-line, this server is equipped with a 20 Gb disc storage for VLBI activities.

The OPAR server is accessible 24 hours per day, seven days per week through Internet connection with 2 Mbit/s rate.

4. Future Plans

- *Activities with others Data Centers:*
The OPAR Data Center will synchronize its activities with the CDDISA and BKG Data Centers to make all IVS products available as soon as new information arrive.

- *FTP and WWW access :*

Users can reach the IVS products by using the TCP/IP protocol. Both World Wide Web (WWW) and File Transfert Protocol (FTP) will be available. Access to this server will be free for users require to get data. Authorized access is needed for IVS component to put data; username and password would be given on request.

FTP access:

ivsopar.obspm.fr
username : anonymous
password : your e-mail
cd vlbi (directory of IVS products)

WWW site :

<http://ivsopar.obspm.fr/ivs>

- *Structure :*

The directory structure of IVS products will be:

vlbi/	:	Directory for VLBI activities
ivscontrol/	:	Files giving detailed information about directory structure and file name conventions
ivsdata/	:	Directory for VLBI observations (auxilliary files, Calc Data Bases and NGS Card files)
ivsdocuments/	:	Directory for VLBI documents
ivsproducts/	:	Directory for VLBI products (Earth rotation parameters, Celestial and Terrestrial Frame)

- *Enhancement on the hardware :*

The disc space will be increased with regards to IVS products.

5. Contact Information

To obtain username and password or more information about OPAR Data Center the contact address is given below:

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