



Status of BKG RDC mirroring

EPN Coordination Group

C. Bruyninx (ROB)

H. Habrich (BKG)

G. Stangl (OLG)

Reordering the data flow

- **Proposal within the guidelines**

- ❖ All stations send data to 2 DCs
- ❖ Minimum effort of station managers in case of outage
- ❖ Access for all users with a minimum effort of choice (2)
- ❖ Very small implementation task (one additional IP address)

Alternatives

- ❖ Keeping to status quo, in case of BKG outage some files are missing (many hourly files)
- ❖ Station managers send data to the Secondary DC in case of outage (Did not work last outage, no secondary DC, no automatic, no outage criterion)
- ❖ A central institution detects outage and organizes the alternative data flow (Does not work at all, missing access rights, missing storage transparency, problem of informing the users)



Status at OLG DC

- Olg4epn.iwf.oeaw.ac.at established in DMZ
- Intel Pentium 4, 2x150 GB SCSI RAID 1, FreeBSD 4.10
- Mirroring igs.ifag.de started
- Operation delayed by system problems of the Academy (installation, IP addresses, switches, firewall rules)
- Using wget scripts for retrieving data (anonymous ftp)
- Updates every hour (hourly data), at least once a day
- Fully operational end of November 2004