



RINEX v3 long file names in EPN RDCs

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IGS Regulations

- new name structure for RINEX3 files (=Long Names) - **done**
- New Station names SSSS (old code) + M(monument) + R (receiver) + CCC (ISO country code)
- Names defined by IGS and EPN Network Coordinators – **done**
- Data Centers store RINEX2+3 files together in the “old” conventional directories - **expected**

IGS + EPN DC Status

Anonymous ftp access

DC	RINEX3	Long Names	Short + long names one directory
IGN	Few	No	No
KASI	No	No	No
CDDIS	Yes	No	No
SIO	Yes	No	No
GA	No	No	No
BKG	Yes	Yes	Yes*
NGS	No	No	No
OLG	Few	Yes	Few, no short RINEX3

* Only in obs_v3 directories

EPN RDC Status w.r.t. IGS

- Accept Long file names – **BKG ok, OLG ok**
- Uncompress files - **BKG ok, OLG ok**
- Check if RINEX3 - **BKG ok, OLG in progress**
- Store in correct yearDay **BKG separately, OLG ok**
- Basic data QC - **BKG ok, OLG no**
- Stream data - **BKG ok, OLG no**
- New tropo products - **BKG ?, OLG no**

Transition Plan 2015+

- Accept long name RINEX3 files **additional** to short RINEX2 file names at RDCs in 2015 – EUREF mail needed
- OLG RDC **downloads** all long files from BKG RDC in 2015
- Wait for IGS DC steps to include campaign/MGEX files and **transform** short name RINEX3 files 2015-2016
- **Update DC guidelines** concerning QC check (ANUBIS?, BNC?, GFZ?) and **implementation** within the RDCs before next EUREF Symposium 2016
- **Presentation and resolution** at the next EUREF Symposium

Problems + Open Questions

- **Hatanaka problem** in cron job OLG RDC compressing .rnx files must be solved
- Will IGS DC WG formulate the **issues of QC** more clear than in the transition paper?
- What's exactly meant with the switch to **root directories** /obs , /nav and /met ? For all DCs?
- Where is a list with **long name products**?
- Who will check the **consistency of names** if the IERS domes number will be obsolete? Are actually such names as SAR200CHE and SAR200ALB allowed?
- It seems that **GFZ software** does not deliver identical values after transforming RINEX3 from short to long