Federal Agency for Cartography and Geodesy

EPN real-time report

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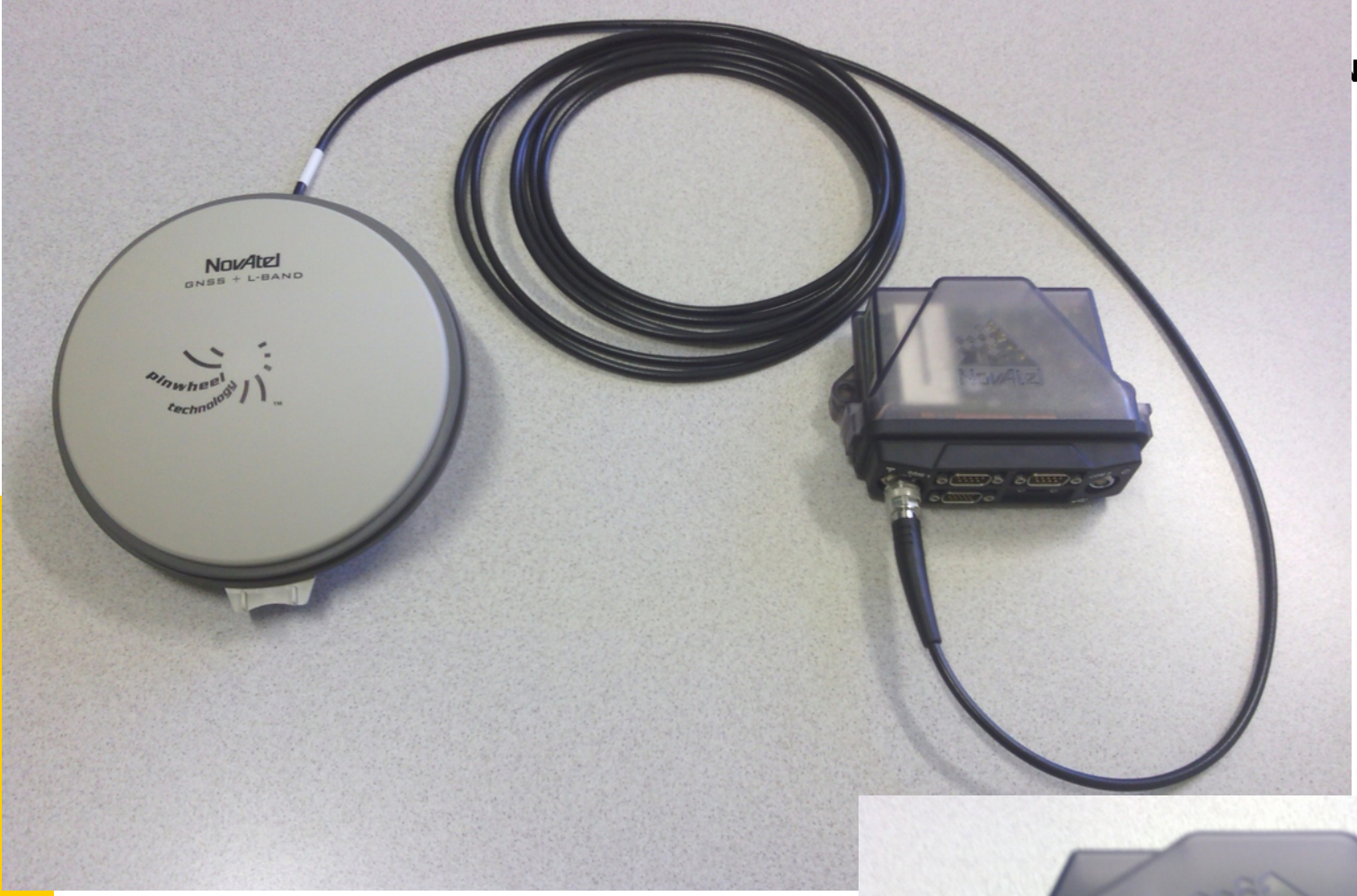
Federal Agency for Cartography and Geodesy

- First commercial GNSS receiver on market supporting open standard SSR
- NovAtelFlex6 (OEM628 receiverboard)
- Allowing usage of open standard satellite orbit and clock corrections for RTCM SSR level 1 messages
- Usage of manufacturer‘s own corrections seems to be straightforward
- Usage of external IGS (or EUREF) corrections possible but bit more complicated
- Same type of receiver available at LGN Hannover
- First results showed some issues wr.t. the used correction stream


NovAtel
GNSS + L-BAND
pinwheel
technology

COM 1
COM 2
I/O

- **Action Item no. 19 of 62th TWG (Budapest) was:**
- **"*WS to distribute the presentation on real-time monitoring to CB and RP and to come up with proposals for a common monitoring of the three regional broadcasters. Deadline: next TWG*"**
- **Motivation:**
  - **Currently, only the monitoring of the BKG broadcaster(s) is visible on EPN web pages**
  - **Monitoring activities distributed over different organisations**
  - **Basic measures of all three broadcasters should be visible at a glance**

- **Action Item no. 7 of 63th TWG (Vienna) was:**
- **"*investigate if it is possible to adapt the present real-time monitoring information in order to provide information specific for each EPN station (item 7)*"**
- **Motivation:**
  - **Currently, only the monitoring of the BKG broadcaster(s) is visible on EPN web pages**
  - **Monitoring activities distributed over different organisations**
  - **Basic measures of all three broadcasters should be visible at a glance**

- New feature introduced at http://igs.bkg.bund.de for monitoring of the EPN real-time streams
- Useful for users as well as station and caster providers
- Direct (external) link http://igs.bkg.bund.de/ntrip/monitor/epnstreamscould be placed at EPN CB website

GNSS Data Center - Mozilla Firefox

Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe

GNSS Data Center

igs.bkg.bund.de

Google

GDC GNSS DATA CENTER

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- Homepage
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- Symposium
- M-GEX

Welcome to the GNSS

providing

GPS - GLONASS - Galile roducts

Ground observing stations equipped with stablish tracking networks in cooperation with inter s international projects referred to GNSS tracking networks by st related data.

Check the availability of observations, recent behaviour of obse ve the observations or analysis results. The GDC is structured by proj election using the project filter.

The NTRIP-section offers information and software about real-t GNSS observations and products.

GNSS Station

Our **FTP-Access** allows quick download of files stored at GDC.

For some pages in the Data & Products section a help-button will be displayed in the menu bar to give further information on the handling of these pages.

bkg A service of the **Federal Agency for Cartography and Geodesy** .

News

News archive

latest IGS Ultra Orbits (IGU):
igu17832_06.sp3.Z
2014-03-11
09:55:22

latest IGS Rapid Orbits (IGR):
igr17830.sp3.Z
2014-03-10
17:55:23

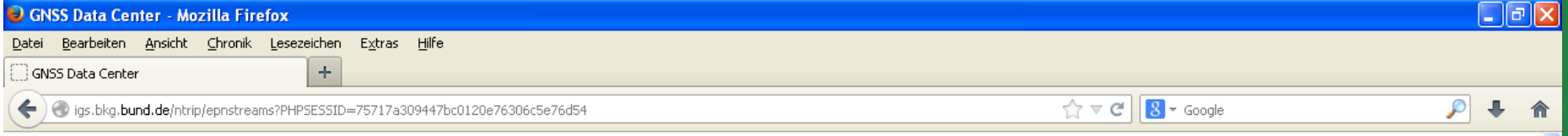
latest IGS Final Orbits (IGS):
igs17806.sp3.Z
2014-03-09
09:56:28

 # Rinex2 files archived today:
14671

 # Rinex3 Files archived today:
4790

<impressum> <sitemap> <contact>

igs.bkg.bund.de/ntrip/epnstreams



GNSS DATA CENTER

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NTRIP > Monitor > EUREF-Caster

Current Availability of EPN Data and Product Streams at the EUREF Broadcasters

Status: 2014-03-11 10:00:02 UTC

Mountpoint	ASI	BKG	ROB
ACOR0	UP	UP	UP
ALAC0	UP	UP	UP
ALBA0	UP	UP	UP
ALME0	UP	UP	UP
AUT10	DOWN	DOWN	DOWN
BELF0	UP	UP	UP
BELL0	UP	UP	UP
BOR10	UP	UP	UP
BORJ1	UP	UP	DOWN
BORR0	UP	UP	UP
BRST0	UP	UP	UP
BRUX0	DOWN	DOWN	DOWN
BSCN0	UP	UP	UP
BUCU0	UP	UP	UP
BUTE0	UP	UP	UP
BZRG0	DOWN	UP	UP

- New feature introduced at http://igs.bkg.bund.de for monitoring of the EPN real-time streams
- Useful for users as well as station and caster providers
- Direct (external) link http://igs.bkg.bund.de/ntrip/monitor/epnstreamscould be placed at EPN CB website, or
- Modified feature could be developed at EPN CB and made available at the EPN CB webpage

- **What is used?**
  - **Program „ntripclient“ to get the most recent source table (available mountpoints only)**
  - **Comparison with (full) reference set of EPN stations (must be maintained)**
  - **More sophisticated approach would need access to various files on the remote PC (where the caster is installed), e.g., how long a mountpoint is not available, etc.**