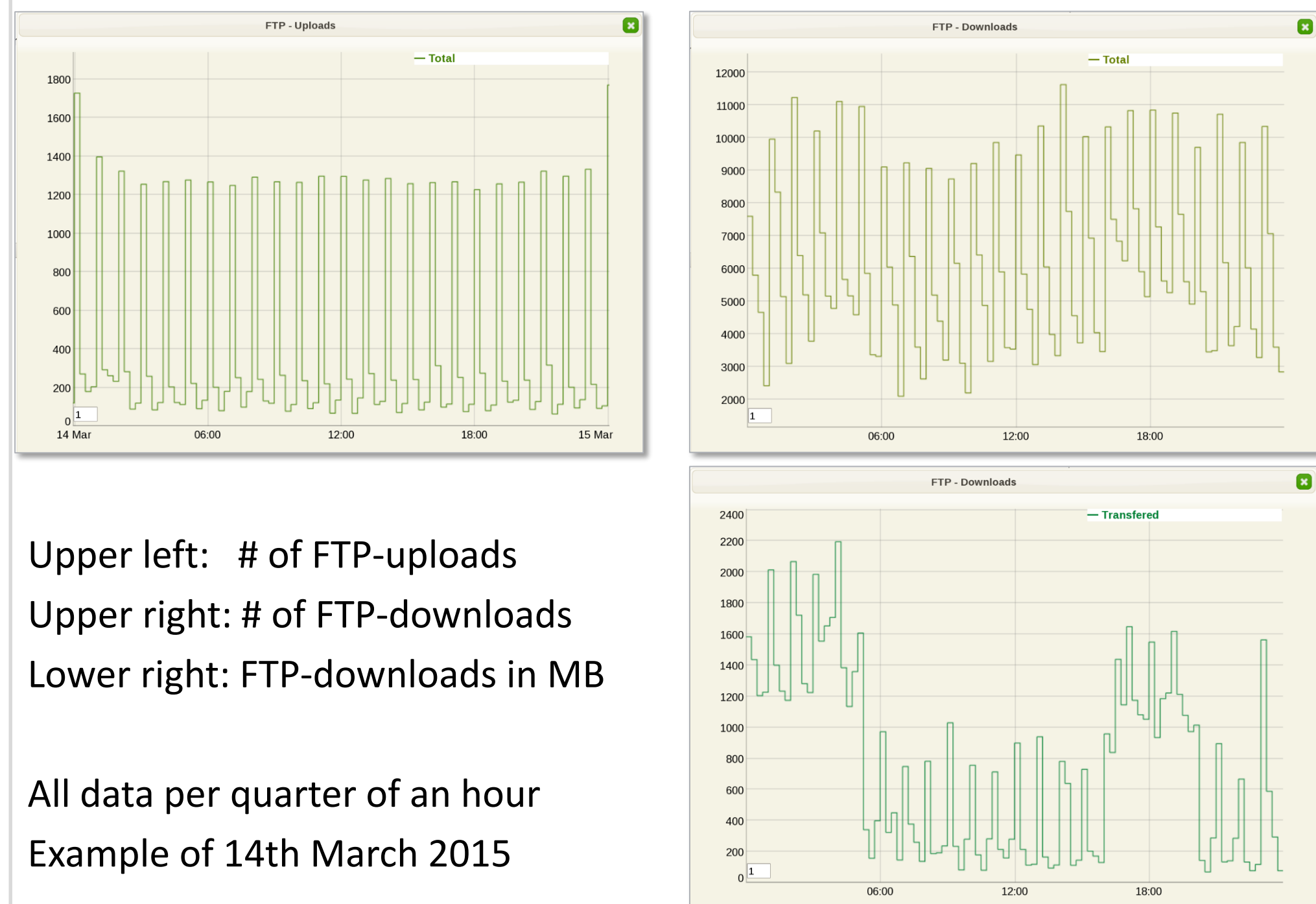




M. Goltz, A. Rülke, E. Wiesensarter



All data per quarter of an hour
Example of 14th March 2015

GNSS Data Center

GNSS DATA CENTER

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User: Password: Login

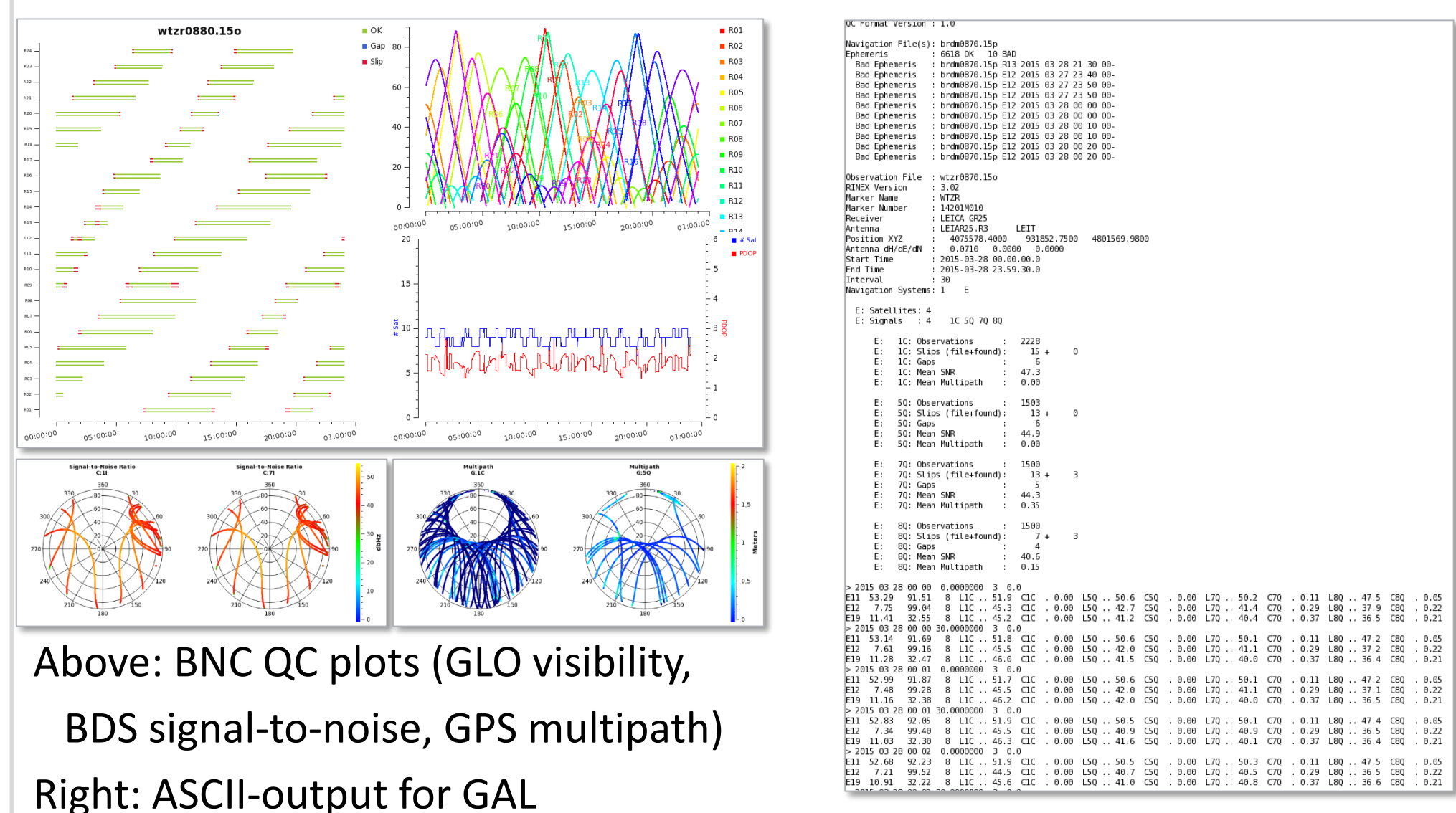
Data > Error Concerning GNSS Postprocessing

Full resource Select logging level:
 * warnings * errors Refresh
 Synopsis of Content
 error log

Error Log

Station	Details
WT22	Toggle Details Latest Entry: 2015-05-08 07:17:40
WT22	Toggle Details Latest Entry: 2015-05-08 07:17:37
LHAZ	Toggle Details Latest Entry: 2015-05-08 07:07:30
ISTA	Toggle Details Latest Entry: 2015-05-07 18:02:47
B3CR	Toggle Details Latest Entry: 2015-05-04 23:10:11
File	Date Message Level
port24w.15d.2	2015-05-04 23:10:11 Could not Hatanaka decompress file: ERROR: The file seems to be truncated in the middle. The conversion is interrupted after reading the line 781: start=1917 1171-3627 ERROR
RANT	Toggle Details Latest Entry: 2015-05-04 20:14:21
KARL	Toggle Details Latest Entry: 2015-05-04 10:12:56
HELG	Toggle Details Latest Entry: 2015-05-02 01:45:39
OHZ2	Toggle Details Latest Entry: 2015-05-01 02:18:16

RINEX v2-QC using TEQC



- all stations

<http://igs.bkg.bund.de/file/errorlog>

- stations run by a certain agency (agency = pref. abbr. as in sitelog), e.g.

<http://igs.bkg.bund.de/file/errorlog?agency=bkg>

- a single station (site = FourCharacterId), e.g.

<http://igs.bkg.bund.de/file/errorlog?site=helg>

With introduction of RINEX v3 and additional satellite-constellations this routine reaches its limits. To provide quality-information on RINEX v3 files GDC will use BNC 2.12 which processes in addition to GPS and GLONASS the upcoming systems. All frequency-information can be used and the quality-check is profoundly configurable.

One of the modules covering quality checking (QC) of RINEX v2 has been recently extended to RINEX v3 files (Söhne et al., 2015). QC is implemented for six different constellations or systems (GPS, GLONASS, Galileo, BeiDou, QZSS, and SBAS). Beside graphical outputs for Multipath, signal-to-noise, PDOP, etc. a protocol file is created. Following a short summary at the beginning, the file has a RINEX v3-like structure. This way, e.g. time series for each satellite of each constellation and each signal can be analyzed and visualized.