



BNC Quality Checking

Federal Agency for Cartography and Geodesy



■ **BNC 2.12**

- **Completely new PPP module implemented**
- **Galileo processing (PPP)**
- **BeiDou ephemeris decoding**
- **Full Rx2 <-> Rx3 conversion**
- **SINEX TRO output**
- **Quality control feature for Rx3**



BKG Ntrip Client (BNC) Version 2.12

File Help

neris RINEX Editing & QC SP3 Comparison Broadcast Corrections Feed Engine Serial Output Outages Miscellaneous PPP (1) PPP (2) PPP (3)

Precise Point Positioning - Options

GPS LCs P3&L3 Sigma C1 10.0 Sigma L1 0.007

GLONASS LCs P3&L3 Max Res C1 30.0 Max Res L1 0.04

Galileo LCs no Ele Wgt Code ☒ Ele Wgt Phase ☒

Wait for corrections 12 sec Min # of Obs 4 Min Elevation 7 deg

Seeding (seconds)

Streams:	resource loader / mountpoint	decoder	lat	long	nmea	ntrip	bytes
1	products.igs-ip.net:2101/CLK11	RTCM_3.0	50.08967	8.66458	no	2	0 byte(s)
2	products.igs-ip.net:2101/RTCM3EPH	RTCM_3.0	50.08967	8.66458	no	2	0 byte(s)
3	www.euref-ip.net:2101/GANP0	RTCM_3.0	49.03	20.32	no	2	0 byte(s)

Log Throughput Latency PPP Plot

Add Stream Delete Stream Map Start Stop Help ?=Shift+F1



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Network General RINEX Observations RINEX Ephemeris RINEX Editing & QC SP3 Comparison Broadcast Corrections Feed Engine Serial Output Outages Miscellaneous PPP (1) PPP (2)

RINEX file editing, concatenation and quality check.

Action: Edit/Concatenate Set Edit Options

Input files (full path): aten/mao00010.15o Obs: aten/brdm0010.15p

Output files (full path): Obs:

Logfile: /Results/mao00010G.log Summary only ☒

Plots for signals: G:1C&2X

Directory for plots: coder/BNC213A/Results

Streams: resource loader / mountpoint decoder lat long

Log Throughput Latency PPP Plot

Add Stream Delete Stream Map Start Stop Help ?=Shift+F1

RINEX Editing Options

RNX Version: 3 Sampling: 30 sec

Start: 1967-11-02 00:00:00 End: 2099-01-01 00:00:00

Run By: V2 Priority: CWPX_?

Use Obs. Types:

Comment(s):

Old New

Marker Name: TLSE1

Antenna Name:

Receiver Name:

Help=Shift+F1 OK / Save Cancel



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Network General RINEX Observations RINEX Ephemeris RINEX Editing & QC SP3 Comparison Broadcast Corrections Feed Engine Serial Output Outages Miscellaneous PPP (1) PPP (2)

RINEX file editing, concatenation and quality check.

Action:

Input files (full path): ... Obs: ... Nav:

Output files (full path): Obs: Nav:

Logfile: Summary only ☒

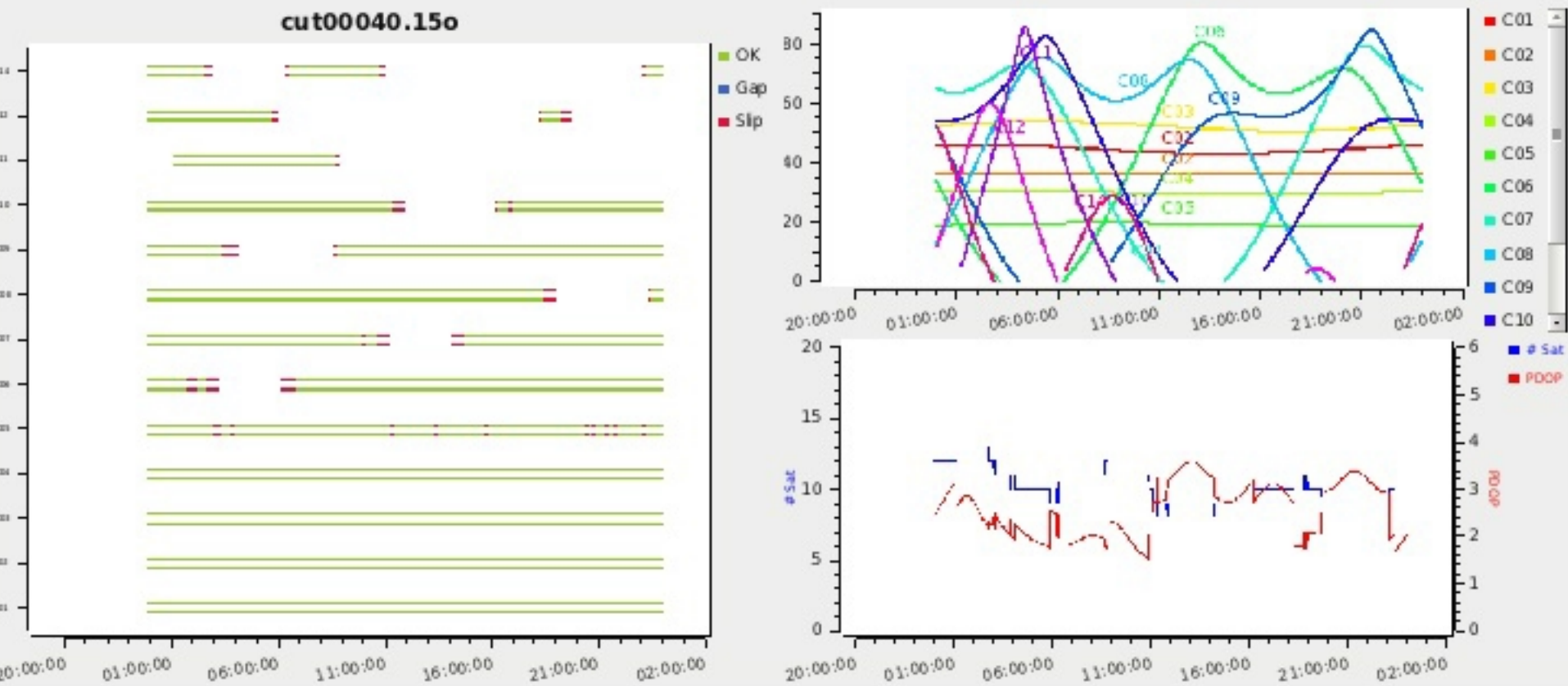
Plots for signals:

Directory for plots:

Streams: resource loader / mountpoint decoder lat long nmea ntrip bytes

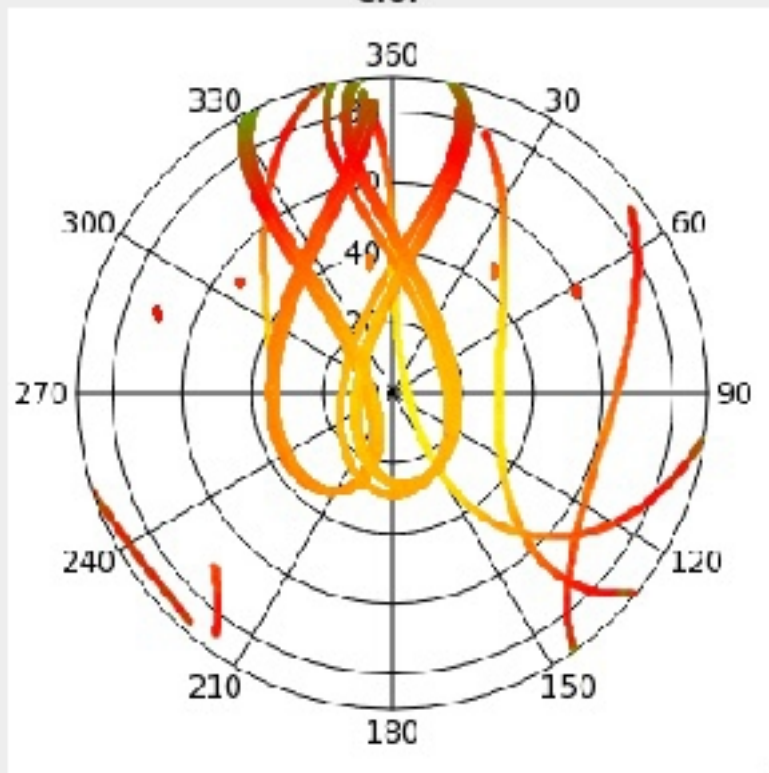
Log Throughput Latency PPP Plot

Add Stream Delete Stream Map Start Stop Help ?=Shift+F1

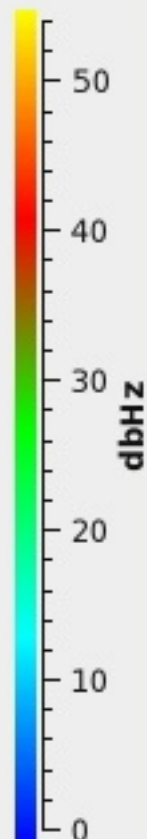
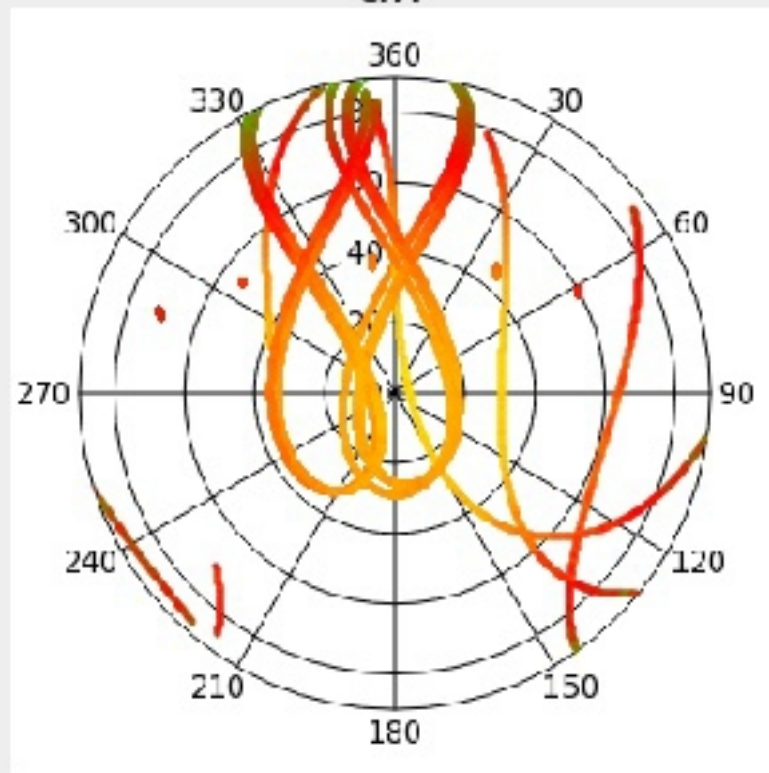


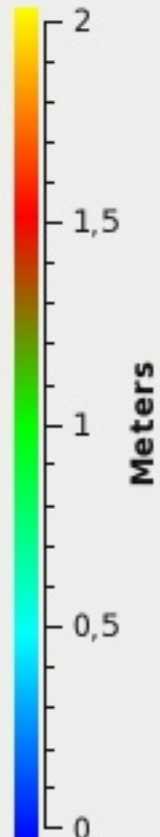
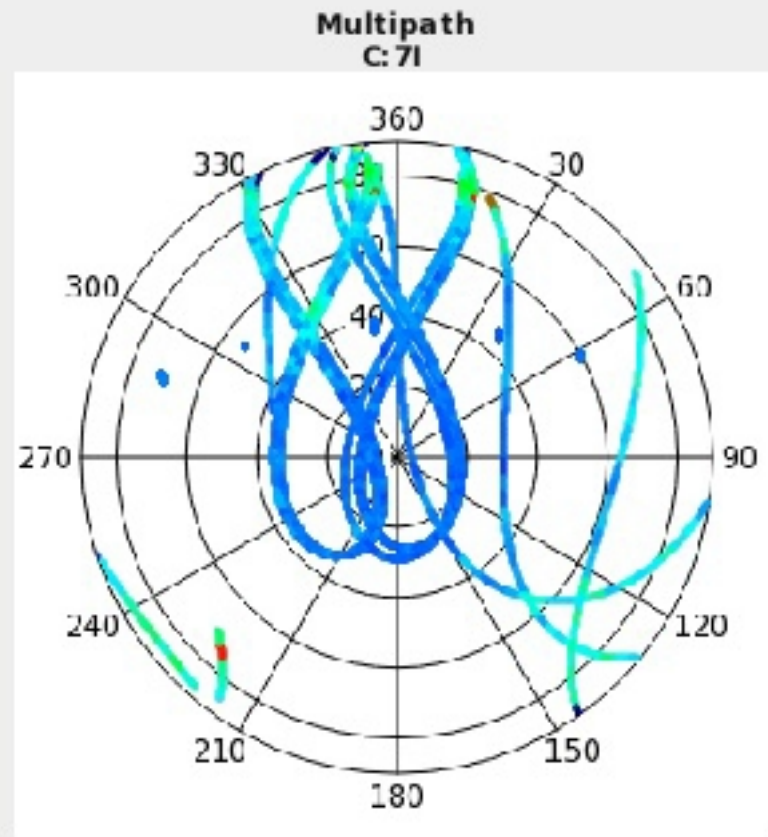
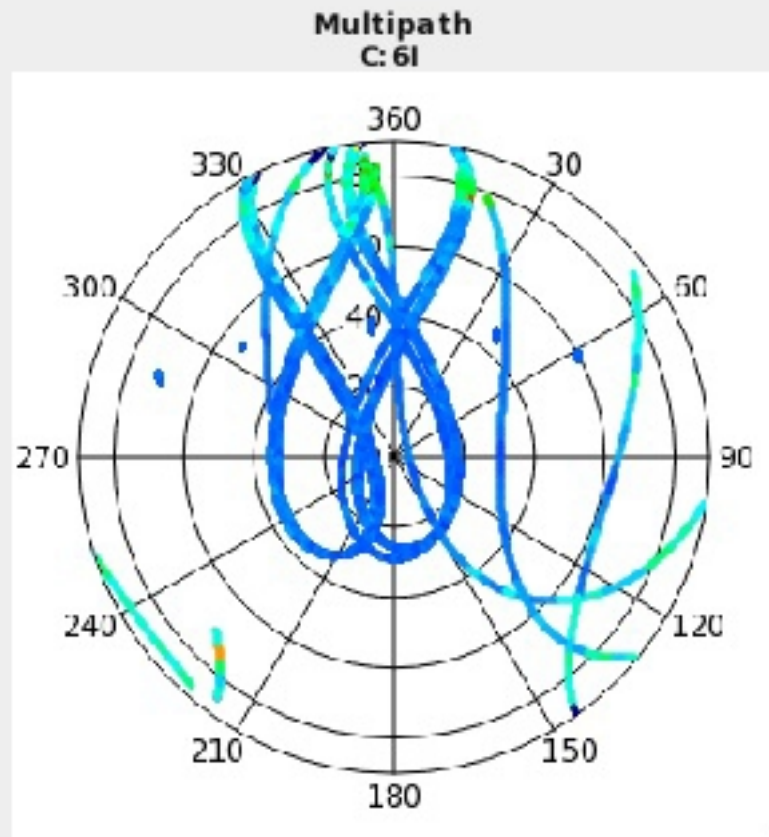


Signal-to-Noise Ratio
C:61



Signal-to-Noise Ratio
C:71







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soehne@
Datei Bearbeiten Ansicht Suchen Terminal Hilfe
QC Format Version : 1.0

Navigation File(s): brdm0120.15p
Ephemeris          : 6118 OK  2 BAD
  Bad Ephemeris    : brdm0120.15p S29 2015 01 12 22 25 04
  Bad Ephemeris    : brdm0120.15p R02 2015 01 12 23 30 00

Observation File   : cut00120.15o
RINEX Version      : 3.02
Marker Name        : CUT0
Marker Number      : 59945M001
Receiver           : TRIMBLE NETR9
Antenna            : TRM59800.00 SCIS
Position XYZ       : -2364337.2971 4870285.5843 -3360809.8188
Antenna dH/dE/dN   : 0.0000 0.0000 0.0000
Start Time         : 2015-01-12 00.00.00.0
End Time           : 2015-01-12 23.59.30.0
Interval           : 30
Navigation Systems: 1 C

C: Satellites: 13
C: Signals : 3 1I 6I 7I

C: 1I: Observations : 29488
C: 1I: Slips (file+found): 131 + 2
C: 1I: Gaps : 12
C: 1I: Mean SNR : 42.2
C: 1I: Mean Multipath : 0.39

C: 6I: Observations : 29456
C: 6I: Slips (file+found): 142 + 2
C: 6I: Gaps : 32
C: 6I: Mean SNR : 44.8
C: 6I: Mean Multipath : 0.25

C: 7I: Observations : 29456
C: 7I: Slips (file+found): 142 + 2
C: 7I: Gaps : 32
C: 7I: Mean SNR : 44.3
C: 7I: Mean Multipath : 0.28
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