

EVN TOG

Piwnice / Toruń, Poland
December 13 - 14, 2023

Sergio Poppi (Chair)

Wednesday 13 December 2023

Agenda

- Start of the meeting 9:00 CET
- Introduction
 - Welcome, last minute additions to Agenda
 - Approval of [Minutes from the last meeting](#)
 - [Review of Action Items](#)
 - [Review of Permanent Action Items](#)
- Performance of the EVN (JIVE support scientist)
- DBBC3
 - DBBC3 News (Rottmann)
 - Commissioning plan (Eldering)
- Report from stations
 - BRAND receiver update (Rottmann)
 - Introduction TNRO (Thai National Radio Astronomy Observatory)
- EVN Technical roadmap:
 - CTRs
 - Wideband RX (Brand, C/X)
 - DBBC4 Developments (Rottmann)
- Improvement of the operations
 - EVN service observations for transients (Gawronski)
 - 3-day e-VLBI mini-sessions (starting from 2025?) (Gawronski)
- Recorder status
 - Jive5ab multi-core network reading
- Projects at JIVE
- Field System status/updates (Himwich)
- Next TOG Meeting

Thursday 14 December 2023

- Continued discussion items (if any)
- Visit optical and radio part of Torún Observatory
- coffee and lunch @ Torún site
- afternoon: visit Copernicus House in Torún city

Action item from previous meeting

[Current Action Items - MPIfR Deki \(mpg.de\)](https://deki.mpifr-bonn.mpg.de/Working_Groups/EVN_TOG/Continuous_calibration_%2880_Hz%29)

1. **All:** 80 Hz continuous calibration. Update the table:
https://deki.mpifr-bonn.mpg.de/Working_Groups/EVN_TOG/Continuous_calibration_%2880_Hz%29 The "*last update*" column is to be updated to allow correct session setups in VEX/pySCHED.
2. **González:** integrate *atm* into the FieldSystem.
3. **Bach:** look at EHT station set-up document and see if it could be modified for use in the EVN. Create a master check list
4. **Bach:** investigate how Tsys and opacity are determined at K band and higher at stations. Discussion continues on Mattermost.
5. **Marcote, Bach, Campbell:** Improving the session feedback, how to provide a better feedback about the "success" of EVN observations in the feedback page and for future TOGs.
6. **Bach** compare gnplt opacity estimation versus WVR measurement.
7. sftp server vlbeer (Stagni)

Permanent actions

Available on the deki

https://deki.mpifr-bonn.mpg.de/Working_Groups/EVN_TOG/Permanent_Action_Items

- Beam maps https://deki.mpifr-bonn.mpg.de/Working_Groups/EVN_TOG/Beam_maps
Not all the station have sent maps to JIVE. EVN time allocated to maps?
- Contact information: <https://www.evlbi.org/contact/>
- Receiver information
https://deki.mpifr-bonn.mpg.de/Working_Groups/EVN_TOG/Frequency_ranges_for_2%2F%2F4_Gbps
- EVN Status table. http://old.evlbi.org/user_guide/EVNstatus.txt (before call for proposal?)
- GPS data should be sent daily and log files sent to vlbeer soon as possible.