



Meeting page:

<http://www.oan.es/tog2016/>

Agenda

1. **Local Arrangements/Opening Remarks (Colomer, Vicente)**
2. **GMVA Technical Group (GTG) constitution**
 - overview of the GMVA. Purpose/mission of the GMVA Technical Group (Alef)
 - discuss and agree on GTG statutes, meeting cadence etc. (all GMVA)
 - appoint the GTG chair
3. **GMVA observations & operations**
 - Overview of observation preparation and operations e.g. pre-checks, DBBC2 news, FS news etc. (Bach)
 - Overview support infrastructure,: FTP servers, web pages, mailing lists etc. (Rottmann)
 - Discussion session (all)
 - standardization of operational procedure
 - fringe check procedure
 - DBBC2 PFB mode, PFB firmware version
 - FS schedule generation for PFB modes
 - log file contents
 - station session logs
 - additional topics
4. **GMVA calibration**
 - Station reports on the current amplitude calibration strategy (every GMVA station 5-10 min)
 - Discussion session (all)
 - necessary steps to improve the calibration quality
 - Tsys extraction in real-time
 - opacity issues
 - antab file generation
 - calibration quality control at the correlator
 - additional topics
5. **ALMA and GMVA**
 - Overview of the current state, ALMA commissioning and GMVA-ALMA tests (Rottmann, Alef)
 - Discussion session (all)
 - implications on GMVA operations
 - additional topics
6. **AOB / closing remarks**

Presentations

[GMVA Overview \(Walter Alef\)](#)

[GMVA tools \(Helge Rottmann\)](#)

[GMVA session \(Helge Rottmann\)](#)

[DBBC2 & FS \(Uwe Bach\)](#)

[ALMA mode \(Walter Alef\)](#)

Station Reports:

[Onsala \(Jun Yang\)](#)

[KVN \(Taehyun Jung\)](#)

[VLBA/GBT \(Walter Brisken\)](#)

[Pico Veleta \(Salvador Sanchez\)](#)

[Plateau de Bure \(Michael Bremer\)](#)

[Metsahövi \(Juha Kallunki\)](#)

Minutes

[Minutes Madrid.pdf](#)

Action Items

1. **Rottmann, de Vicente:** take a look at Yb DBBC configuration (investigate amplitude drop)
 - Done. Setup was verified to be correct. Observed problems were probably due to bug in the DBBC2 PFB control software.
2. **All:** Form small group to compile a pre-check list.
 - Not done. Action item bumped to the updated list from the 2nd GTG meeting.
3. **MPIFR correlator:** GMVA correlation reports should be made available online.
 - Done. Correlation progress can be viewed under: https://deki.mpifr-bonn.mpg.de/GMVA/GMVA_correlations
4. **MPIFR correlator:** Investigate possible PV phase jumps
 - Done. Phase jumps did not appear in the follow up session. Problems were possibly related to defective power supply in the PV DBBC2 which eventually failed in autumn 2016