

LOFAR Commissioning Plan An Update

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- 18-12-08 LOFAR1 (+2)
- 09-01-09 LOFAR2 (+3)
- 19-01-09 LOFAR3 (+3)

- 30-01-09 LOFAR6 (+3) (3 Core, 3 Remote, 3 EU)
- 31-01-09 CEP Hardware
- 02-03-09 LOFAR10 (+3) (including super-station)
- 11-06-09 LOFAR20 (+5)

- Extended CS1 commissioning
- Preparation for LOFAR commissioning
- Software Testing

- Station items
- CEP hardware
- LOFAR1-5
- LOFAR6-20

- Investigate dips in total power (Brentjens)
- Beamforming and tracking of HBA tiles (Brentjens)
- Pulsar decorrelation (Pulsar KSP)
- Observing a fringe between LOFAR CS1 and Effelsberg (Anderson)
- Investigation of bandpass (V.N. Pandey)
- Investigation of CS010 beam (Wijnholds / Pulsar KSP)
- Investigation of ionosphere and specification of software requirements (de Bruyn, LIONS, EU-partners)
- Determine the need for Image Plane deconvolution (Surveys KSP)
- Peeling vs. simultaneous solutions: solving strategy (Mevius)



- Absolute flux scale (Bout / Brentjens)
- Ionospheric issues (de Bruyn, LIONS, EU-partners)
- Dealing with intrinsic polarization (Magnetism KSP)
- Initial GSM (Surveys KSP)
- GSM for European baselines (Long Baseline Working Group)
- Determination of uv-taper for imaging (EoR / Surveys KSP)
- Determination of station taper (HBA) (Wijnholds / Brentjens)
- RFI statistics (?)
- MSSS preparation (Surveys KSP – Leiden meeting)

- Commissioning / validation of station software
 - LBA station calibration (Wijnholds)
 - HBA station calibration (Wijnholds)
- Commissioning of Standard Imaging Pipeline (EoR / Surveys / Transients KSPs)
 - Source positions / astrometry
 - Source fluxes
 - ...
- Commissioning of Known Pulsar Pipeline (Pulsar KSP)
- Commissioning of VHECR pipeline (CR KSP)

- Let us know
 - Is this list complete?
 - Are you ok with the assigned tasks?
 - Sign up for a specific task!
- A whole lotta work and time is short
 - We need all the help we can get
 - In detailed specification of tasks
 - In performing tasks
- We will prioritize the list and tie it to the Roll-Out timeline
- An efficient way to work together is needed
 - “Busy weeks”?
 - Bi-weekly updates at the LOFAR Status Meeting