

LOFAR v1.0 Development Status

System Development
Harm Munk

Software development

- Automated imaging pipeline framework for MSSS-like observations (Vn 1.0) finished
 - Tested and stable up to and including the target step
 - Imaging part is under test
- Specification tools under development to automatically run observations on disk through pipeline
- Enhanced tool under development for MSSS-like observation specification

Software development

8-bit mode

- Station firmware
 - Still bugs in measurement part
 - Merging with 16-bit mode underway
- Other software finished and awaiting the completion of the station firmware
- BG/P - CEP-2 link upgraded to 70 Gb/s and successfully tested
- Station LCU tests performed: can handle 244 beamlets

Software development

LTA

- 'Raw' ingestion of 'old' data in progress
- 95% of archived Target (Groningen) data recovered and stored on SARA (Amsterdam)
- 10's of Tbyte available at Target as staging area for EoR
- Further testing of the automatic data ingestion awaiting pipeline development