

LOFAR documents

LOFAR related documents. Many have been used in the CDR of May 2007. These documents probably reflect the most up-to-date view of the system, though some parts may have been obsoleted again. many of these documents can also be found in the LOFAR document Server.

General

- [LOFAR ADD](#)
- [LOFAR paper](#) (M. de Vos, A.W. Gunst, & R. Nijboer. "The LOFAR telescope: System Architecture and Signal Processing" in Proceedings of the IEEE, Special Issue "Advances in Radio Telescopes", Nov 2009)

WAN

- [LOFAR WAN ADD](#)

Station

- [Station ADD](#)
- [LBA ADD](#)
- [RCU signal analysis](#)
- [RSP firmware functional description](#)
- [Clock synchronisation description](#)

CEP

- [CEP ADD](#)
- [OLAP SDD](#)
- [Calibration implementation](#)
- [BBS SDD](#)
- [MAC ADD](#)
- [SAS SDD](#)
- [SHM ADD](#)
- [Harm Paas' Bootleg system document \(restricted\)](#)

Pipelines

Beam Formed Pipeline Checklist (EXCEL & PDF)

- [BF Pipeline Checklist v0.3 EXCEL \(Nov 18, 2009\)](#)
- [BF Pipeline Checklist v0.3 PDF \(Nov 18, 2009\)](#)

DataFormats

- [Description of the Measurement Set \(MS2\) format for LOFAR \(Feb 2008\)](#)
- [LOFAR Time-series dataformat \(lofar-usg-icd-001; 22 Mar 2007\)](#). See also [this page on the USG wiki](#).

Archive

- [LOFAR Archive and Reprocessing Requirements](#)

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