

# Release notes LOFAR Offline release 2.12.0

## Administration

Release Date: Sep. 7th 2015

SVN tags:

- [https://svn.astron.nl/LOFAR/tags/LOFAR-Release-2\\_12\\_0/](https://svn.astron.nl/LOFAR/tags/LOFAR-Release-2_12_0/)
- [https://svn.astron.nl/LOFAR/branches/LOFAR-Release-2\\_12/](https://svn.astron.nl/LOFAR/branches/LOFAR-Release-2_12/) (rev. 32421)

## Release notes/changelogs

### PyBDSM

- [#8211](#) - Improve speed of PyBDSM wavelet module
- [#8152](#) - Fix hanging pydsm test on CEP3

### DPPP

- [#7778](#) - New DPPP step `applybeam` to apply the beam model
- [#7812](#) - Prepare for linking against external `AOFlagger` (step `newaoflagger`)
- [#7963](#) - Add multithreaded `Predict` step to DPPP and Refactoring of DPPP simulation code (used in `demix` etc.)
- [#8119](#) - Fix bug in baseline selection, selecting `'[CR]S*&'` now works properly in filter, demixer and preflagger
- [#8142](#) - Fix NDPPP `StationAdder`: visibilities are now correctly weighted. Also weighted UVW coordinates are now computed.
- [#8157](#) - Fix NDPPP filter step after a `StationAdder` step. The new station is now added to the MS immediately after every step.
- [#8210](#) - `ApplyCal` can now corrupt for effects
- `GainCal` now uses the new `Predict` and `ApplyBeam` step, it can apply the beam model to a model data column

For questions, contact [softwaresupport@astron.nl](mailto:softwaresupport@astron.nl)

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