

For imaging pipeline:

1. Demixing scheme
 2. Have the parset of an observation easily accessible in the system (MoM?)
 3. At the end, the pipeline should provide a summary of:
 - a. Total duration pipeline
 - b. % flags
 - c. sources that have been demixed
 - d. skymodel used
 - e. For the imaging pipeline:
 - i. Which SBs did not make it into the imaging
 - ii. Map resolution
 - iii. Map noise
 - iv. Output catalogue of PyBDSM – number of sources in it
- The summary should be available in MoM
4. Easier way to deselect pipelines/observations in a MoM folder
 5. Pipeline batch scheduling
 6. Calibrator pipeline should perform a correct step at the end (it helps checking results)
 7. To facilitate checking of results, the pipeline should provide:
 - a. Plots of visibilities at various stages (to be created at the end of the pipeline run)
 - b. Plots of the solutions
 - c. Images
- Ideally, all these should be available in MoM or in a web site
8. NDPPP: select flagging strategy (HBA/LBA)
 9. Pipeline for Long baselines group
 10. AWimager – deep cleaning algorithm
 11. Standard Imaging Pipeline available besides MSSS pipeline
 12. Peeling scheme
 13. Closing major cycle
 14. Default test set to properly check pipeline outputs after roll outs

Specifically for Science Support:

1. Ingest of FITS images
2. Ingest calibrator visibilities
3. Ingest Raw BF data
4. new AWImager in MSSS/Imaging pipeline
5. Implement to MoM the prototype XML generator
6. Improve Test System
7. CEP2 Data Managing System: Investigate what is needed and what is already available
8. Redesign RTCP monitoring in Navigator
9. Improve Topview Screen for Navigator

- 10.** Investigate improvements to framework to enable Batch Scheduling and feedback of pipelines
- 11.** HBA-Demixing Strategy (Extension for various Demixing support in pipeline)
- 12.** Add data quality plots to the (MSSS/imaging) pipeline
- 13.** Fix RA coordinates in BF rings
- 14.** Implement "Black box" Pulsar pipeline
- 15.** MSSS raw data "auto" archive: requirement workshop (maybe in xml generator already)
- 16.** Discuss LTA ingest of other interferometry final data (e.g., catalogues, plots, except for images)
- 17.** Discuss Revision MoM-Northstar interface.
Postponed for 1.12
- 18.** Cycle 1 scheduling – implementation needed in Scheduler