Engineering Status

16 April 2008

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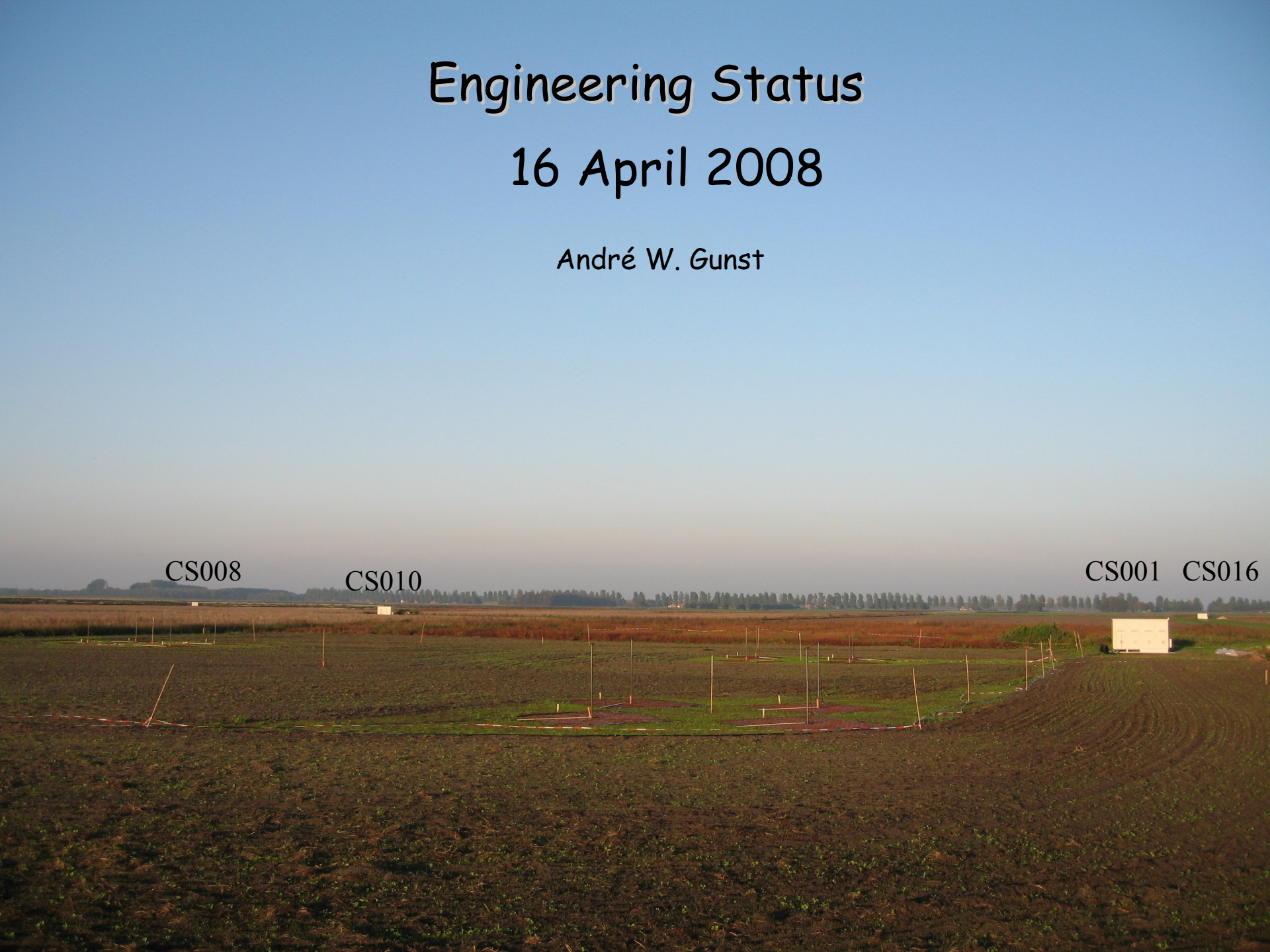


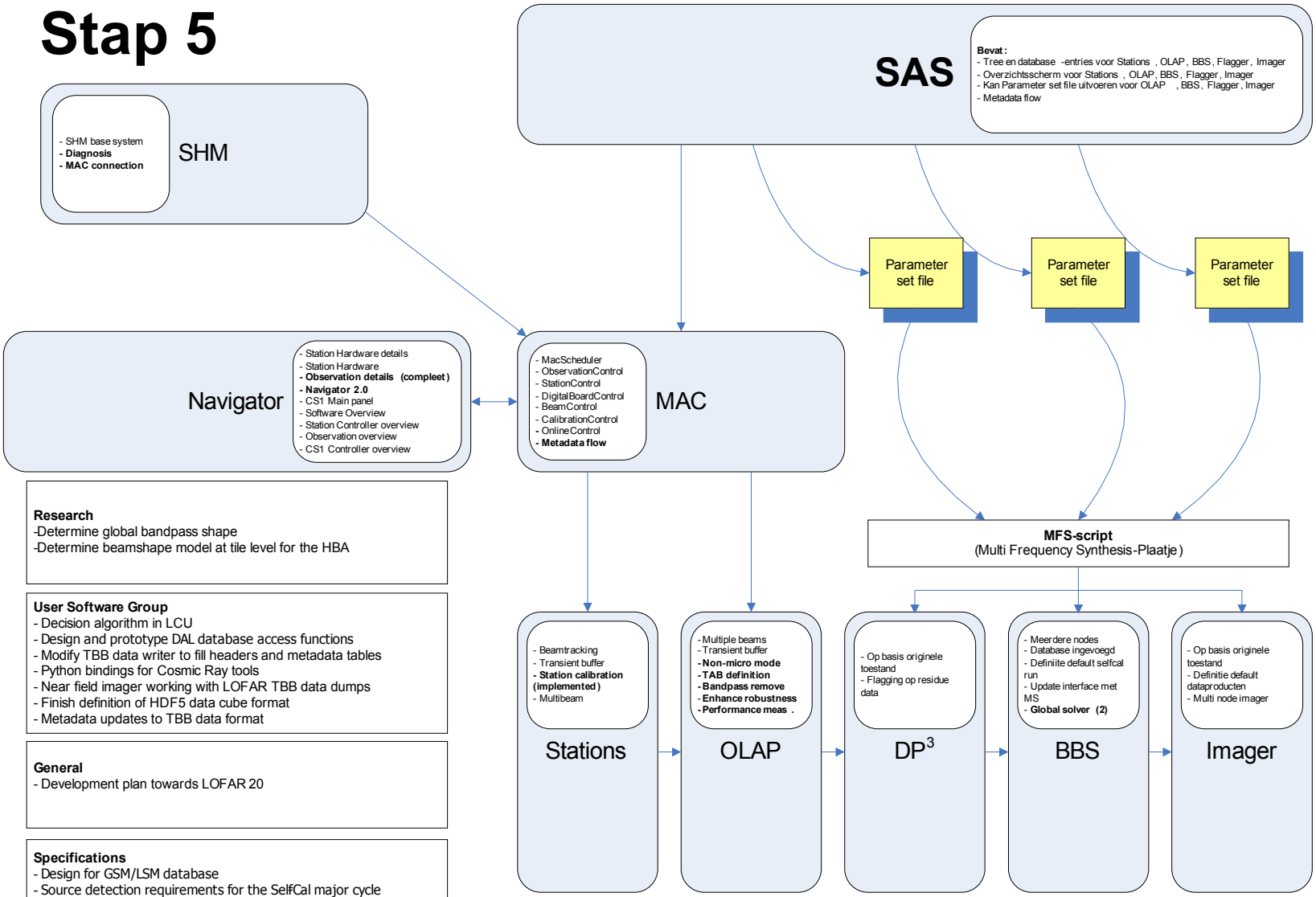
Station procurement status

- Production preparation ongoing for station hardware
- WAN tender closed and company selected
- CEP tender will go out soon

LOFAR

Software (Step 5)

Stap 5



Research
-Determine global bandpass shape
-Determine beamshape model at tile level for the HBA

User Software Group
- Decision algorithm in LCU
- Design and prototype DAL database access functions
- Modify TBB data writer to fill headers and metadata tables
- Python bindings for Cosmic Ray tools
- Near field imager working with LOFAR TBB data dumps
- Finish definition of HDF5 data cube format
- Metadata updates to TBB data format

General
- Development plan towards LOFAR 20

Specifications
- Design for GSM/LSM database
- Source detection requirements for the SelfCal major cycle