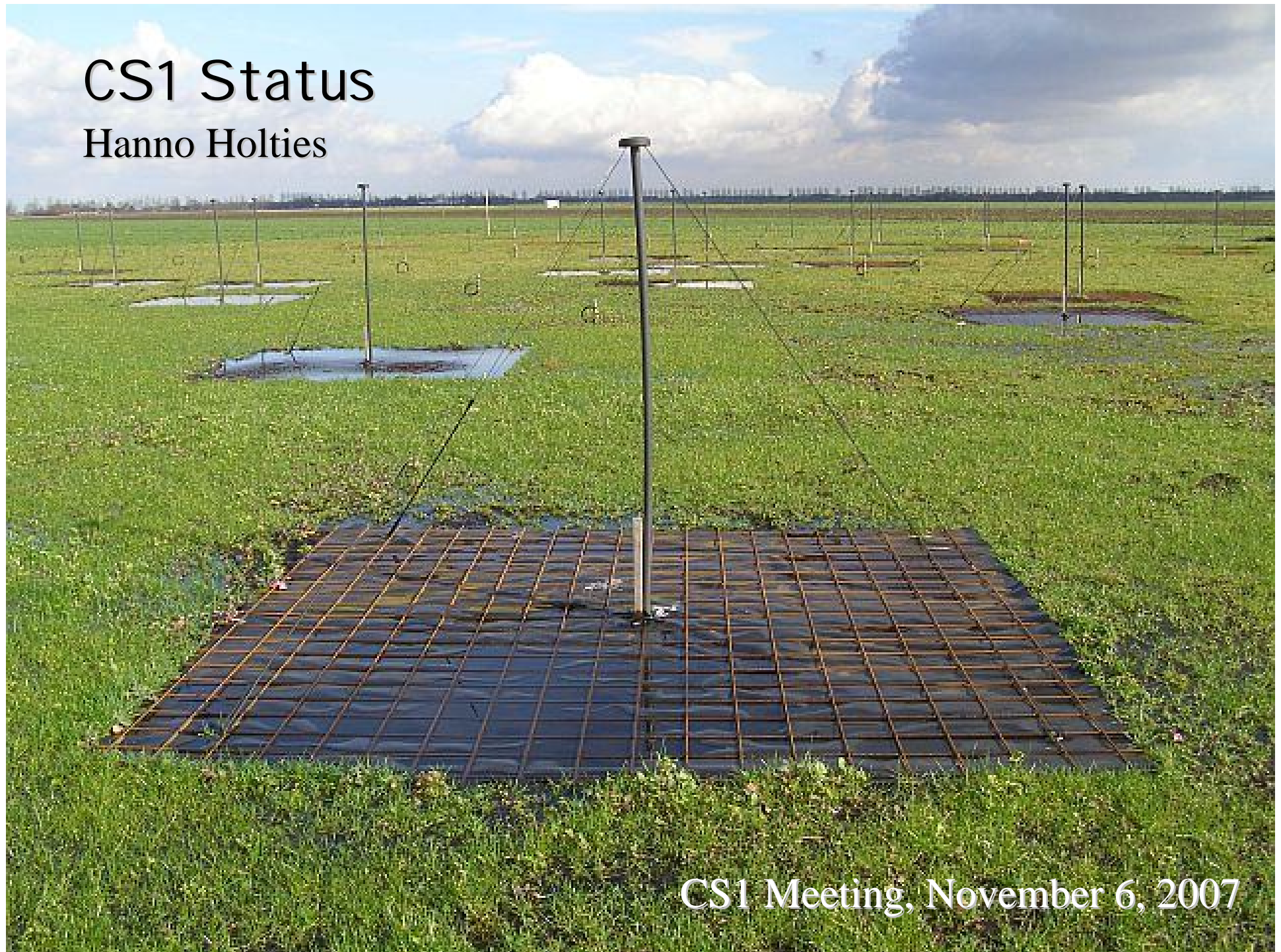


CS1 Status

Hanno Holties



CS1 Meeting, November 6, 2007

CS1 Status

◆ Operations

⊕ Operators

- Interaction Operators – Engineers very good
- Keeping track of system use/schedule
- Will maintain a log of everything happening with the system
 - Inform observer at astron.nl/777 before accessing system
- Successful start up of observations
 - Under SAS/MAC control (LBA, 4 station)
 - Low level (HBA)
- 24 microstations still requires support from engineers

⊕ Separation test system completed

- Issue when using test environment in parallel solved (network/BG configuration)

CS1 Status

◆ Stations

⊕ Power network failure last Thursday

⊕ LBA

- No news

⊕ HBA

• Single

- CS10 antenna 17: one dipole dead, other unstable

• Tiles

- Tests FE units in climate chamber successful
- Cables available
- Final connections being fixed today
- Install single tile as soon as weather improves
- Other tiles to follow in 2-3 weeks.
- Beamforming solved (Michiel B)

⊕ Digital HW/Cabinets

• RSP problem with ring in HBA mode

- Causes wrong time labels entered in packets
- Being investigated; work around in place (disable ring; manually configure output lanes for RSP boards)

CS1 Status

◆ Network

⊕ No news

◆ Central Processing

⊕ Last Monday stop day (will remain on first Monday of the month)

- BG/L update & board replacement
- Regular OS updates on frontend systems

⊕ BG/L

- Rack00 used for LOFAR only

⊕ Storage

- Created directories /data/simulations and /data/commissioning on lifs012 for storing/sharing data for commissioning purposes

CS1 Status

◆ Software

- ⊕ Switch from CVS to Subversion completed
- ⊕ OS/software distribution discussion for CEP systems
 - Preliminary choice (performance & flexibility)
 - Ubuntu 7.10
 - Distribution of OS images as developed by Groningen
 - Will be tested in coming week
 - Final decision 15/11
 - Environment will be made available on USG system

CS1 Planning

- ◆ Install upgraded FE units in (single) HBA tile
 - ⊕ Hopefully in ~week => TBD
- ◆ Install remaining HBA tiles => ~3 weeks
- ◆ 13/11 – 15/11 Final construction work Operations Room
 - ⊕ Contact details still 777/observer at astron.nl
- ◆ Planning observations
 - ⊕ Thursday 15:00 Operations Room
 - ⊕ Contact Michiel/Observer