# LOFAR Operations Status

Hanno Holties

LOFAR Status Meeting, April 23, 2008

# CS1 Observations

- ◆ **17/4: Pulsar tracking experiment**
  - ⊕ 6 Tiles
  - ⊕ Tracking did not work
    - Under investigation
  - ⊕ B0329+54_20080417
- ◆ **18/4 – 20/4: HBA Milky Way experiment**
  - ⊕ 4 Tiles + 20 dipoles; CS001 RCU 8&9 not ok
  - ⊕ Test:
    - 24 microstation still operational
    - Mapping galactic structure around Cygnus at 110-190 MHz
    - Rain?
  - ⊕ 2008-06100

Netherlands Organisation for Scientific Research

LOFAR

# CS1 Status

- ◆ Stations
  - ⊕ CS001 RCU 8 and 9 single element HBA1  no signal
    - Connector probably broken from print (weak connection)

LOFAR

# CS1 Status

- ◆ **Network**
  - ◈ Lightpath LOFAR – Amsterdam
    - • Gateway installed Groningen
    - • Tomorrow ListFEN connected to the gatway
    - • Next: connection with SARA GRID storage

Netherlands Organisation for Scientific Research

LOFAR

# CS1 Status

- ◆ CEP
  - ✛ Problem storing data on list001&list002
    - ● Tested & working; cause earlier problem unknown
  - ✛ Online storage cleaned up
  - ✛ 64 bit offline nodes
    - ● Installation
    - ● Connect to lifs Infiniband network
    - ● Planned for tomorrow
  - ✛ Distribute datasets over storage nodes
    - ● Shell script replaced by Python script offering more flexibility
    - ● Being tested
  - ✛ CEP startup still supported by CEP team

Netherlands Organisation for Scientific Research

LOFAR

# CS1 Planning

- Tuesday & Wednesday (today) TNO/TüV tests
- Thursday 24/4 LBA test observation
- Weekend LBA observation?

Netherlands Organisation for Scientific Research

LOFAR