

# CS1 Status

Hanno Holties

RADIO OBSERVATORY CONTROL ROOM



CS1 Meeting, January 23, 2008

# CS1 Status

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## ◆ Operations

### ⊕ Station health checking scripts developed by Michiel Brentjens

- RCU phase&ampl check
- Sky signal

### ⊕ Station testing observations only

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## ◆ Stations

⊕ “The Bug has been squashed” => Next presentation

⊕ HBA single element reconfiguration

- CS010 S30 defect
- CS001 S0 defect => replaced by CS010 S31
- CS010 spiral arms expanded as soon as weather allows

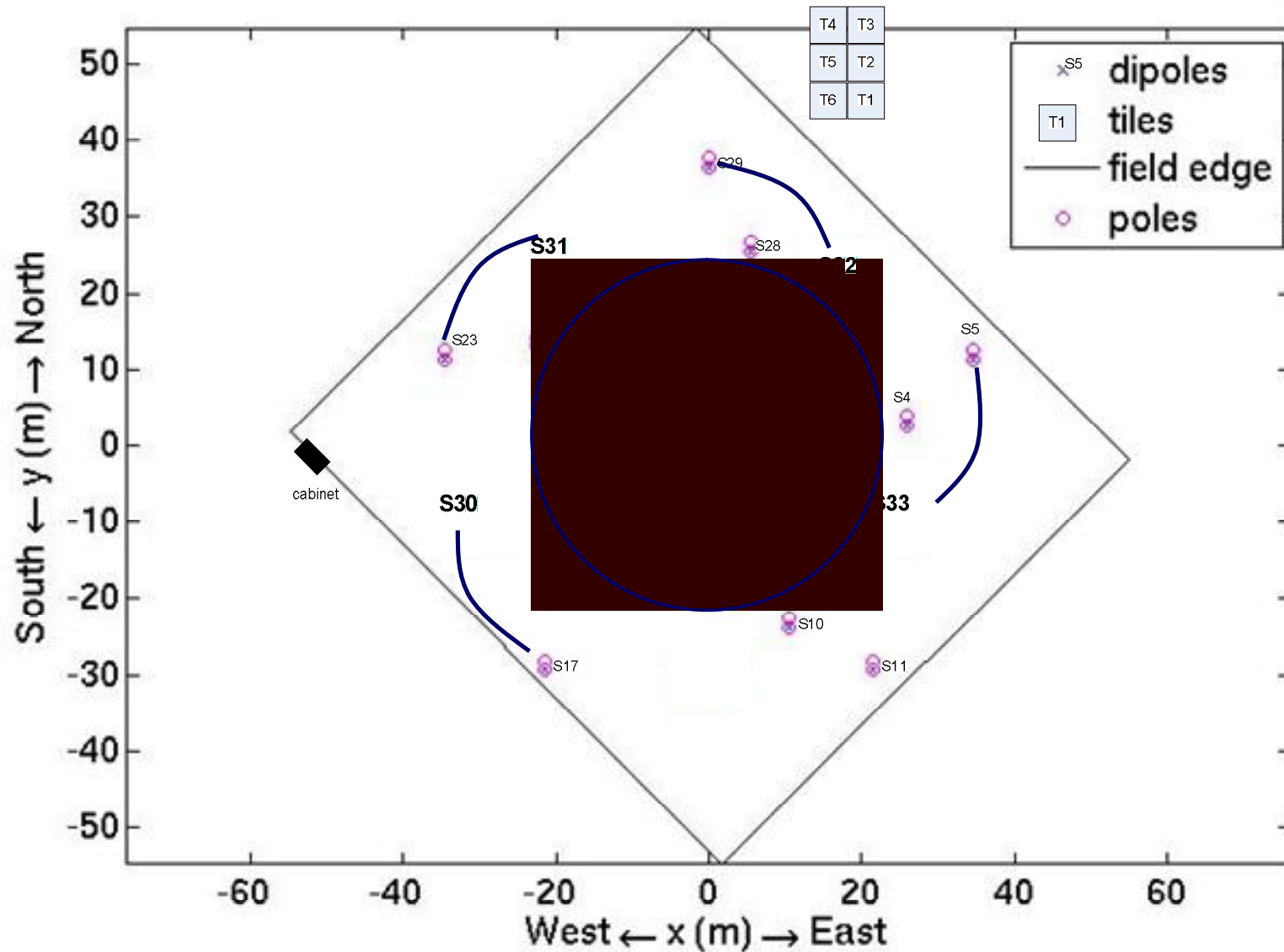
⊕ HBA tiles

- Tile 4 being prepared for rain testing (roof construction)
- Tile control & behavior tested in preparation for commissioning runs

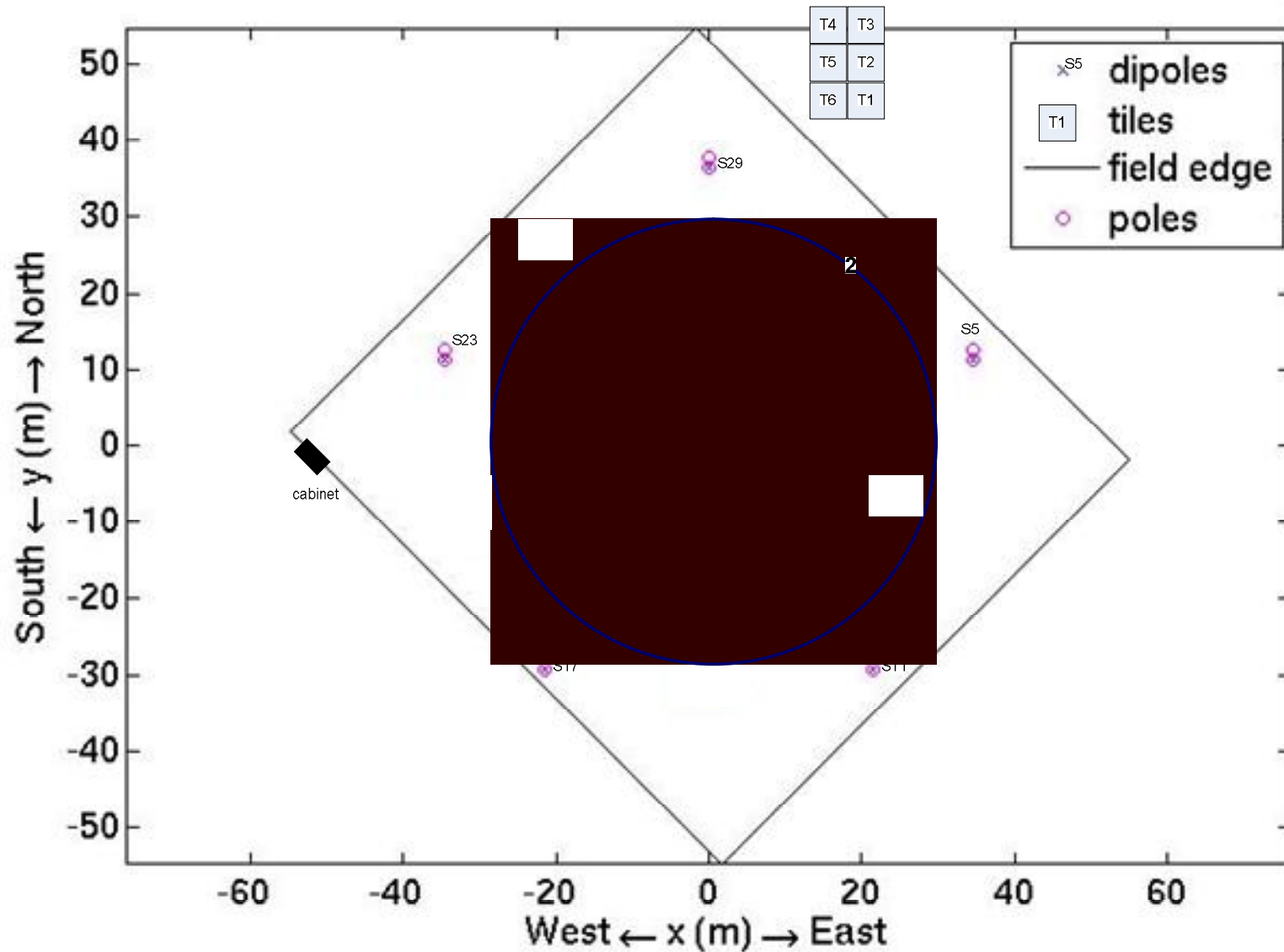
⊕ Digital HW/Cabinets

- CS010: Faulty RCU 18 replaced
- Firmware update RCU's on all stations successful
- Other issues => Next presentation

# CS010: Old HBA configuration



# CS010: New HBA configuration



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## ◆ Network

### ⊕ New switch arrived

- To be used for directly connecting stations to BG/L
- Capacity for current setup & 2 international stations
- Installation next stop day (5/2)

### ⊕ Lightpath LOFAR – Amsterdam being worked on

- Requires public IP addresses
  - Have been requested from Surfnet
  - Server to be installed (one of the current input nodes?)
- Hardware installations planned for next stop day (5/2)
- Configuration & Operational ASAP thereafter

## ◆ Central Processing

### ⊕ Storage

- NFS over TCP Infiniband: first reports promising
- First try if new situation sufficient
- Issues retrieving data from GRID not yet resolved

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- ◆ Software

- ⊕ No news



HAH/2/6/2008



# CS1 Planning

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- ◆ Solve issue Cross correlations...
- ◆ Solve issues archived datasets: ASAP
- ◆ Reconfiguration HBA's: January
- ◆ HBA commissioning: ~< end February
- ◆ Lightpath Groningen – A'dam: February
- ◆ Disconnect LOFAR - RUG (internet) < July 2008