



Rollout & Planning  
LOFAR Status meeting  
September 10, 2008

# LOFAR ROLLOUT



- Procurement status
  - Tenders
  - Production issues
  - Components deliveries
- Infrastructure
  - Core Fiber network – SSOGNO, core, RS and Backbone
  - Concentrator node
  - Nature development
  - Power
- Astronomical stations rollout



# PROCUREMENT (1)

- Tenders
  - Central Computing tender grant this week
    - Selection of preferred suppliers
    - After selection start of RFQ
  - Tender process professionally performed
    - Compliments for the team

# PROCUREMENT (2)

- Production issues
  - Tyco
    - Cables
      - Limited production capacity final cable assembly (production line in Poland)
      - Problems in delivering a mix of cables needed for each station
      - Agreed deliveries on 2 weeks forecast and all cables for 1st batch (20+ stations) end of November
    - F-Connector
      - Soldering problems
      - Solution(s) determined but qualification dispute with Tyco
      - Critical issue: Prodrive and Neways production awaiting the connector deliveries

# PROCUREMENT (3)

- Production issues
  - Newways
    - RSP, SPU, JTB, TDS and TBB
      - 0-series production ongoing and start of production as planned for batch #1
    - LBA
      - Production ongoing for batch #1. High priority in order to meet RS installation scheme
    - HBA
      - Start of production in hold due to
        - › F-connector issue Tyco
        - › OKI switch delivery issues. Current forecast starting in cw 41: 22,000 pieces each week
  - Prodrive
    - RCU
      - Start of production pending solution F-connector issue Tyco. Current forecast: start in cw 38



# Infrastructure (1)

- Core Fiber network, SSOG, RS and backbone
  - Activities coordinated in parallel with core infrastructure activities. .
  - Issues:
    - RS fiber connections slow process with Ziggo
    - KPN notifies upcoming fiber backbone cut due to construction works. Forecast October
- Concentrator Node:
  - Ongoing
  - Issues:
    - Fiber installations by KPN, Ziggo, NKM coordination and when to do

# Infrastructure (2)

- Nature Development/Core infrastructure
  - Activities ongoing
    - Issues:
      - Birds breeding season caused delay
      - Wet summer season is slowing down progress.
- Power network
  - Activities ongoing.
    - Close coordination with core infrastructure activities

# LOFAR Planning process

- Top level planning baseline (currently issue 2.7) as shown on LOFAR Wiki
  - Bi-weekly update incorporating status of:
    - Component deliveries
    - Infrastructure preparations
    - Incorporating changes of activities and other issues
  - Each week:
    - Critical items list and tasks to be started or to be ready
    - Components list to be chased
    - Forecast next 4 weeks
    - Issue solving



# Astronomical Station Rollout

- RS 307 Gelpenberg/Zweeloo
  - Site preparations started
  - For all parties final pilot in order to freeze all procedures and processes.
  - After completion of the infrastructure activities by HAK
    - Update of sequence rollout stations including core stations
  - Forecast station ready (rollout handover ) End of December
    - Pending progress and issue solving components deliveries

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