

UTRAN Evolution Workshop  
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RP-05044



Mobility  
Solutions

Considerations for UTRAN LTE Work Plan

Lucent Technologies

# Principle Rules Relevant to Rel6,7 WIs

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- Rel-6 and Rel-7 work features completion/corrections should be treated with highest priority.
- Rel-7 work items should be allowed to continue as planned and not be mixed up with the LTE work. Examples HCR, MIMO, New freq. bands 2.6GHz, 900MHz, UTDOA etc.
  - LTE work should not stop work on new Rel-7 WIs with short term objectives. New work items for Rel-7 WIs should be considered as normal
  - The current MIMO work item is needed for mid-term evolution of HSDPA.

# Proposed LTE work Plan

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- Two Phased approach for the study:
  - Phase 1 Focused on short term evolution:
    - Signalling optimisation (DCH setup, state transition delay)
    - User plane delay optimisation
    - Support of interworking with other 3G system
    - Enhanced MBMS
  - Phase 2 focused on longer term areas such as:
    - Very high higher peak rate DL 100Mbps/UL 50Mbps as stated in the SI
    - Scalable BW from 2.5M - 15MHz
    - New access technologies e.g. OFDM with MIMO
- Two phases could run concurrently but a phase 2 should allow for a more detailed study while phase 1 could generate WIs sooner.
- The WGs have clear prioritisation from the plenary on what to look at in the study phase