Status Report for WI to TSG

Work Item Name: MIMO in UTRA

SOURCE: Rapporteur, Howard Huang **TSG:** RAN **WG:** 1

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Ref. to WI sheet: RAN_Work_Items.doc

Progress Report since the last TSG (for all involved WGs):

RAN WG1 #38bis Seoul:
No documents were treated for this meeting due to the lack of time.

RAN WG1 #39 Shin-Yokohama
No documents were treated for this meeting due to the lack of time.

RAN WG2 #44 Sophia-Antipolis and WG2 #45 Shin-Yokohama
No documents were treated due to the lack of time.

RAN WG3 #44 Sophia-Antipolis and WG3 #45 Shin-Yokohama
No documents were treated due to the lack of time

RAN WG4 #33 Shin-Yokohama
No documents were treated due to the lack of time

List of completed elements:
- Requirements
- Link level channel model
- System level channel model
- System level simulation methodology

List of open issues:
- Evaluation of MIMO proposals
- Impacts to UE and UTRAN implementation.
- Impacts to physical layer operation.
- Conclusion

Estimates of the level of completion (when possible):
60% (in RAN1)

WI completion date review resulting from the discussion at the working group:
March 2005 for RAN1,2,3 (TSG RAN#27)
December 2005 for RAN2,3,4 (TSG RAN#30)

References to WG's internal documentation and/or TRs:
[1] R1-041050, MIMO Rapporteur, MIMO TR 25.876 v1.6.1