

**Source:** TSG-RAN WG1  
**To:** TSG-RAN WG2  
**CC:**  
**Title:** LS on the study/work items with RAN WG2 having the primary responsibility  
**Contact:** Antti Toskala (TSG RAN WG1 Chairman)  
[antti.toskala@nokia.com](mailto:antti.toskala@nokia.com)

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TSG RAN WG1 would like to get feedback from TSG RAN WG2 of the following issues:

### 1. Improved common downlink channel for cell FACH state.

WG1 briefly reviewed proposal titled "Offset CPCH" (Tdoc R1-00-0847) which was suggested to be studied under this study item. WG1 would like to ask WG2 does the proposal fit under the study item and does WG2 expect WG1 to provide further feedback of the feasibility of the proposal to WG2.

The proposal for FACH with fast power control was addressed. The discussion focused on the simulation assumptions and results of the proposal. A new item raised was the delay of the procedure when compared to the Release –99 methods. WG1 would like to ask what areas of the proposal WG1 is expected to provide detailed feedback for the proposal in order to avoid duplication of the discussions in WG1 and WG2.

- In the discussion the simulation results were covered and some work is still be done before TSG RAN WG1 can conclude on level of the possible gains of the proposal in different environments.
- The other areas were work is to be done (if required by TSG RAN WG2) is the complexity from the TSG RAN WG1 point of view if the proposal is included Release 2000.

### 2. Hybrid ARQ

On the topic of Hybrid ARQ WG1 would also like to get feedback from TSG RAN WG2, what areas is WG2 expected to cover and what areas should WG1 cover for this topic. Possible areas for WG1 are obviously the complexity/performance trade-off from the physical layer point of view.

### 3. High speed downlink packet access

For this topic WG1 intends to start with link level simulation assumptions and to proceed then to studying simulation results for the different aspects of the proposal(s). WG1 intends to start a TR of it's own of the topic and will then include WG1 issues to this TR and provide conclusions to the TR

in TSG RAN WG2. For some topics input directly to TSG RAN WG2 TR can be considered as was done with the UE capability work for TR 25.926.

With this topic it seems obvious that issues impacting e.g. modulation, channel coding or frame and slot structure will require attention of TSG RAN WG1 and TSG RAN WG1 would have close co-operation with TSG RAN WG2 on the topics to again avoid duplication of the work in different WGs.

#### 4. TDD Positioning

TSG RAN WG1 would like to ask what is expected from TSG RAN WG1 with respect of this work item. TSG RAN WG1 would like to ensure that there is alignment with this topic between FDD and TDD modes.