

Agenda Item: 5
Source: Siemens AG
Title: Report on the email Discussion about Hybrid ARQ [HARQ]
Document for: Information

The discussion was started after the last WG2 meeting in Yokohama. After kick off CNET and Siemens have participate on the Discussion.

The discussion was started to collect the open questions related to WG2 until May 9th. Afterwards it was intended to clarify the remaining issues by a technical discussion in front of the WG2#4.

The following reference documents were used for the discussion:

- For ARQ control techniques Tdoc WG2 085/99
- For Simulation results for higher data rates Tdoc L23 EG 486/99
- For Simulation for lower data rates Tdoc WG2 245/99
- For Mac peer to peer communication to support Hybrid ARQ Tdoc WG2 302/99

CNET has asked about Iur aspects on Hybrid ARQ especially handover aspects in conjunction with HARQ were adressed. It was questioned if HARQ can be used over Iur .

Siemens has respond that HARQ can operate over Iur but the increasing round trip delay has to be taken into account as well as for ARQ Type I. The traffic requirements on Iur and Iub were seen as not higher as using ARQ Type I.