

**Source:** CN Chair  
**Title:** MERGED WG STATUS REPORT FOR WI R'99 CS Bearers in UMTS  
**Agenda item:** 6.21  
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## ***Excerpts from N3 Status Report (NP-000215)***

### **2.1 Circuit Switched Bearers in UMTS**

Most of the work on this Work Item has been finalised at CN#7. However, some outstanding issues, corrections and improvements were still necessary:

- The concept for handover between 2G and 3G MSCs related to the traffic channel protocols was already decided.
- It was felt that it is still necessary to specify how the handover between 3G MSCs should be performed. Depending on the transport medium between the MSCs the user plane shall comply to Iu UP protocol in the case of ATM and to ATRAU' frame format in the case of a TDM interface.
- Further, it was clarified that in the case of 56 kbit/s (RDI) or 64 kbit/s (UDI) a plain 64 kbit/s link is used between anchor MSC and visited MSC.
- The current rules for combinations between the BC parameters WAIUR, ACC and mTCH were too restrictive for handover between 2G and 3G systems. The rules were revised.
  
- Another outstanding issue is the provision of lower user rates (i.e. • 14.4 kbit/s) for NT bearer services. It was found that a provision is possible with some restrictions (e.g. audio only in the scope of autobauding). S1 has confirmed this approach. A related CR against 29.007 was finally agreed.
  
- Some CRs improve the information needed for an appropriate RAB selection for the circuit switched bearer services.
  
- Also some corrections were necessary.

The Change Requests are contained in document NP-000223 (N3-000149, 151, 176, 183, 188, 189, 192, 196, 197, 208, 209, 215, 262, 263).