## Release 6 Submission form

| Feature / Item: | | PS handover in A/Gb mode | | | | | |
|---|---|---|---|---|---|---|---|
| Affects: | UE/MS: X | CN: X | UTRAN: | GERAN: X | Compatibility Issues: | Yes: X | No: |
| Expected Completion Date: | | 09/2005 | | | | | |
| Services impacted: | | PS realtime services | | | | | |
| Specifications affected: | | TS 44.064, TS 44.065, TS 24.008 | | | | | |
| Tasks within work which are not complete: | | | CT1 aspects of PS Handover (within GERAN and between GERAN and UTRAN) | | | | |
| Consequences if not included in Release 6: | | | No support for PS handover for realtime services | | | | |
| Accepted by TSG#     28     for late inclusion in Release 6: | | | | | | | |

**Abstract of document:**

The primary goal of the PS Handover mechanism is to enable real-time services in GERAN *A/Gb mode*, but the handover mechanism would be applicable also to other PS services. Due to strict Quality of Service requirements on low latency and packet loss, real-time packet-switched (PS) services require a minimal service interruption of the data transfer during cell change.

TSG CT WG1 started the work on PS handover only in its April meeting, based on the corresponding GERAN specifications and company contributions, but CT1 was not able to agree on a solution in the short time available.

Two alternative sets of CRs were input as company contributions to TSG CT#28, together with corresponding discussion documents. However, there were doubts in the CT plenary meeting on whether either of the proposed solutions would be fully functional and therefore more work is still needed.

TSG CT recognised that CT1 is making progress on the issue.

TSG CT decided to forward the CT contributions on the issue to CT1 and requested CT1 to develop an agreeable solution by CT#29 and CT plenary indicated that if there is no solution otherwise, then the CT #29 is prepared to vote on this issue.

**Contentious Issues:**

Remapping or no remapping of NSAPI /SAPI /PFI in PS handover.