

**TSG-RAN Working Group 1 meeting No. 10**  
**January 18 -21, 2000, Beijing, China**

*TSGR1-00-0035*

3GPP TSG T WG1 SWG SIG #7  
Sophia Antipolis, France  
6-8 December 1999

Tdoc T1S-99102

**To:** TSG RAN1, TSG RAN2

**Cc:** TSG T2 SWG6, TSG T1

**Source:** TSG T1/SIG

**Title:** Liaison statement regarding the need for Reference Radio Bearers

---

TSG T1 is responsible for preparing UE conformance tests to guarantee interoperability among 3G terminals and the network. The UE conformance specification will guarantee for a certain level of minimum operability. Due to the limited resources T1 has prioritised the service areas to be covered by the R99 tests. The minimum set of services (including the underlying layers to support these services) are defined as:

- Voice calls
- Emergency calls
- SMS (both Point-to-point and Cell broadcast)
- Circuit Switched data
- Fax

Other service areas (such as Packet Switch data) may be added if resources and contributions are received in T1.

At the last T1 signalling sub-working group meeting an issue was raised that testing of all the possible configurations and setups for the Radio Bearers is impossible. A selection of representative Reference Radio Bearers must be identified and tests written for these.

T1 would like to inform RAN1 and RAN2 that T1 intends to specify a set of Reference Radio Bearers including their Layer 1/Layer 2 configuration parameters in [1] TS 34.108.

The applicability of conformance tests for a certain UE depends on the supported UE capabilities. For this purpose T1 prepares the Implementation Conformance Statement (ICS) Specification, [2] TS 34.123-2 to be used by terminal manufacturers to state which UE capabilities an UE supports. The Reference Radio Bearers will be included as part of the ICS-statement in [2] TS 34.123-2 as the conformance tests depends on the UE support of these Reference Radio Bearers.

**References**

- [1] TS 34.108 Common test conditions for UE conformance testing  
(Not available yet, planned version 1.0 in March 2000)
- [2] TS 34.123-2 UE conformance specification; Part 2 – Implementation Conformance Statement (ICS)