

Title: Future work of SA1 on Release 2000

Source: BT

Following the presentation of the Technical Report TR 22..976 "Study on Release 2000 services and capabilities" from SA1, there is an urgent need for SA1 to progress the development of detailed requirements for Release 2000.

The TR includes aspects of Release 2000 that are either already under study and being progressed, or about to be initiated, within other groups within 3GPP. In view of the limited time and resources available there is a need to ensure that the work of SA1 is focused upon progressing its work relating to those aspects of Release 2000:

- Where the progress of work in other 3GPP groups (e.g. SA2, T, CN) is dependent upon the conclusion of SA1 studies;
- Which are critical to the completion of Release 2000 specifications.

A review of the TR has identified the following aspects of Release 2000 which fall into the above categories:

- **Identities and addressing for IP Multimedia Services** and interworking with existing Circuit services. The ability to re-apply identities such as IMSI and MSISDN for IP Multimedia services requires study;
- **Inter-Domain interoperability** where there is an urgent need to determine and describe the service requirements when IP Multimedia service users roam onto networks that do not support, or fully support, the IP domain. A typical example of this is where a roaming IP Multimedia service user will need to make use of the circuit domain capabilities of a legacy network (e.g. GSM R98);
- **The use of tool-kits** such as USAT, MEXE, VHE and CAMEL for the support of IP Multimedia services;
- **Interoperability between networks and terminals of different releases** - e.g. Release 99 with Release 2000;
- **Standardised Services and/or Capabilities** required for the support of services between networks to support roaming (e.g. call diversion);
- **Communication between users of customised IP Multimedia services in different networks** and the requirements for standardised service capabilities (e.g. video calls between users on different networks);
- **The requirements for IP Multimedia supplementary services** (using SIP, H.323 etc).
- **Radio resource efficiency and utilisation:** For example the support of features such as speech via the IP multimedia mechanisms should provide equivalent quality and the same or enhanced radio resource usage when compared to speech provided via CS Domain mechanisms.

Proposal

It is proposed that SA1 is requested to focus its future work upon the above aspects of Release 2000.