
Source:	BT, Orange (UK, France, Switzerland), Hutchinson 3G, Blu, Telefonica, KPN
Title:	IMS content for release 5
Document for:	Discussion and approval
Agenda Item:	8.8 (Review of Release 5 status content and scheduling)

Introduction

In the last week, the 3GPP work plan has been updated, based on information provided by the TSGs, to show the completion dates of the various tasks within release 5, including those necessary for completion of IMS functionality. This can now be used as the authoritative basis for determining the content of release 5, together with a practical release date.

Release 5 IMS content

The contributors to this document believe that IMS functionality within Release 5 should not be just a technical step towards IP Multimedia but should be a release that will allow operators to deploy a viable service offering, supporting real-time services. To achieve this, it is essential that release 5 includes the following functionality:

- interworking of the IMS with circuit switched networks and with external IP network
- QoS control, including implementation of the Go interface, for support of real time services, e.g.
 - real time voice service compatible to CS domain voice service
 - call conference between other IMS clients and between classic CS domain client
 - real time video streaming service including video and speech synchronisation
 - combined real time voice service with shared whiteboard application
- the necessary service control interfaces for the support of pre-pay charging
- IMS charging capability
- Security.

The updated work plan (see SP-010550 & SP-010552) shows that the majority of tasks necessary for the completion of the IMS functionality listed above, will be completed by March 2002. The only exceptions to this are access security for IMS (UID 1298) which is scheduled for completion June 2002 and number portability, for which the requirements are not fully defined.

Proposal

Given that the information contained in the updated work plan, it is proposed that:

- the date for release 5 is scheduled for March 2002;
- release 5 shall contain, *inter alia*, the necessary functionality for support of:
 - interworking of the IMS with CS networks and non IMS IP networks;
 - end to end QoS mechanisms enabling operator control of network resources;
 - the ISC interface for support of pre-pay services;
 - emergency calls for IP and PS based sessions (within IMS);
- completion of work on access security for IMS shall be scheduled as part of release 5 with a completion date of June 2002;
- the requirements on number portability in IMS be clarified by delegates (via contributions to the appropriate working group) with the objective of completing this work as soon as practical.