

Source: Ericsson, Nokia, Siemens

Title: On 3GPP Rel 6 Work Prioritization

Document for: Approval

Agenda Item: 4, 8.8

Summary

In order to achieve the goal of freezing the 3GPP Rel 6 specifications timely, this document proposes a prioritisation of the work program. It identifies the features and building blocks which form the **essential** body of the 3GPP Rel 6. In addition the document identifies those features and building blocks that are **desired** as part of Rel 6, but their completion should not delay the Rel 6 freezing date. For certain features the functionality is proposed to be phased such that an initial functionality is proposed as essential for Rel 6, whereas the additional/remaining functionality is considered desired or in some cases not realistic in Rel 6..

The contributors of the document are committed to progress the essential features for 3GPP Rel 6 with priority. The list is to be understood as guidance for remaining work; it is not implied that features and building blocks not listed in the document are to be deferred to Rel 7.

Introduction

At SA#22 the content and the date of the 3GPP Rel 6 were discussed. It was decided to review the date for freezing the 3GPP Rel 6 specifications at SA#23, in particular taking into account progress on stage 2. So far the discussion on the 3GPP Rel 6 date and content was approached from the bottom-up perspective of the foreseen completion dates of the individual work items and features. Based on that the potential content of 3GPP Rel 6 was identified for different freezing dates (March, June, September,...).

In order to timely complete 3GPP Rel 6 it is now required to identify priorities, to allocate meeting time and to dedicate resources accordingly.

General Statements

The features or building blocks, which are listed below, are those features where the contributing companies share a common view on their priority for 3GPP Release 6.

The document does not cover 3GPP Rel 6 features that are already finalized or close to finalization.

The document does not cover work that is considered rather independent of the individual release.

The document does not cover feasibility studies.

Discussion

Essential Features

There are features and building blocks that form the essential content of 3GPP Release 6. The contributors are dedicated to progress these issues for completion in Rel 6, and sufficient meeting time should be available for the progress of the topics. However, this shall not preclude allocation of meeting time for progressing other items. The essential features and building blocks are at least:

- *A-GPS minimum performance specifications*: this is essential however not strictly linked to the 3GPP Rel 6 time frame
- *IMS Phase 2*
 - *IMS Group Management*
 - *IMS Messaging*
 - *Additional SIP Capabilities support not covered by Rel-5*
- *Interworking between IMS and IP networks*
- *3GPP Enablers for services like Push to Talk over Cellular (PoC)* : under the condition that changes resulting from the TR are not major
- *Support of Presence Capability*

- *MBMS* : download service, with UTRAN support, and ME based key management
- *Support for subscriber certificates*
- *Packet Switched Streaming Services Rel-6*
- *Advanced Receiver Performance*
- *WLAN scenario 2*
- *Circuit-switched video and voice service* : under the condition that changes resulting from the work item are not major

Note : issues are not in order of priority.

Desired Features

In addition there is a second set of features and building blocks considered at least desired. They form an important part of the 3GPP Rel 6, however they should not define the time critical path concerning the 3GPP Rel 6 completion.

- *Network Assisted Cell Change (NACC) from UTRAN to GERAN - network-side aspects*
- *IMS Phase 2*
 - *IMS Conferencing*
 - *Interworking between IMS and CS networks*
 - *Mn interface (IM-MGW to MGCF) enhancements (CN3 Part)*
 - *IMS Local services*
- *Multimedia Messaging (MMS) enhancements*
- *Subscription Management*
- *MBMS* : in addition to the “essential functionality”, support of streaming service and MBMS in GERAN
- *Network Sharing*
- *QoS Improvements*
- *Performance characterisation of default codecs for PS conversational multimedia application*
- *Trace Management*
 - *Signalling activation in UTRAN*
- *Overall architectural aspects of IP flow based bearer level charging*
- *AMR-WB extension for high audio quality*
- *WLAN Scenario 3*
- *Reduction of PS service interruption in Dual Transfer Mode*
- *GUP* : work on subscription management
- *GERAN PS handover for Gb*
- *Remote Control of Electrical Tilting Antennas*

Note : issues are not in order of priority

Conclusion

It is proposed to take this list as a basis for the identification of essential and desired features and building blocks for Rel 6.