

**Source:** Lucent Technologies  
**Title:** Timescales for proposed R00 work item “SIP Call Control protocol over Gm reference point (CSCF – UE)”  
**Agenda item:** 7.2  
**Document for:** DISCUSSION

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## Discussion

Document NP-000434 contains the proposed work item description for “SIP Call Control protocol over Gm reference point (CSCF – UE)” presented by 3GPP WG CN1.

At the time this work item was approved, the timescales were created based on the planning requirements from SA, with the knowledge that the SA planning requirements were about to be revised, but with no knowledge of what those revisions should be. This contribution proposes a realistic set of dates, based on a clearer knowledge of the work to be performed.

For the stage 2 work, which will be complementary to, but more extensive than that being performed by WG SA2, there is a dependency on the output of WG SA2. Based on the WG SA2 deliverable being delivered in a stable form by March 2001, then the WG CN1 stage 2 deliverable could move under change control in June 2001 (CN #12). Approval of the deliverable should be at the same time as the stage 3 deliverable; the stage 2 cannot be used without the stage 3.

For the stage 3 work, there is an intent where possible to reference IETF work. A reference to IETF can only be made when that work reaches RFC status. The only SIP RFC that currently exists (RFC 2543) is currently under revision, and its completion dates have not yet been specified. However, a number of key agreements and clarifications have been enshrined into the revised version which will probably be needed within the 3GPP work as well. It will therefore be more practical, if the revised version can be agreed in time, to refer to the revised RFC as the basis for 3GPP work. If it appears that the revised RFC will not be available in time, then with the input of significant editorial resource (to document the revisions already agreed by the SIP working group in IETF), the 3GPP work can refer to the existing RFC 2543. This documentation decision will have to be made at a late stage before final approval of the work item. This referencing problem also precludes any interim deliverable with a subset of capabilities (e.g. basic call only); the documentation problems will merely extend the deliverable date of the definitive release if this is attempted.

The contributors therefore propose that the technical work on the stage 3 can be completed by December 2001 (CN #14), and that the document should only be placed under change control, based on agreement of the approach to documentation based on known IETF timescales, in September 2001 (CN #13).

The proposed dates are dependent on the output from WG SA2. This contribution complements a similar contribution that is being made to TSG SA with respect to the timescales for the WG SA2 work item “An architecture for Call control and roaming to support IP-based multimedia services in UMTS”.

The contributors expect other deliverables, both new and revised, to be produced as a result of the discussions in WG CN1, but the above two deliverables will contain the key technical work on which the timescales will depend.

## Proposal

It is proposed that the revisions identified by change marks in the extract of the work item below are made to the work item prior to approval by TSG CN.

### 10 Expected Output and Time scale (to be updated at each plenary)

Meeting	Date	Activity
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New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
23.1xx	<stage 2 for the IP Multimedia Call Control based on SIP (Detailed flows to expand on the Architectural stage 2 >	N1		CN# <del>1012</del>	CN# <del>1114</del>	Stage 2 describing the information flows between the UE and S- CSCF on the Gm reference point in relation to UMTS specific traffic cases e.g. interaction between lower layer access signalling (GPRS Session Management – SM, GPRS Mobility Management - GMM etc.) and SIP call control protocol. Impact to user plane radio resource allocation procedures, handover/SRNS relocation procedures etc. S2's stage 2 will cover the architecture and CN1 will cover the detailed information flows.
24.1xx	<stage 3 for the IP Multimedia Call Control based on SIP>	N1		CN# <del>1013</del>	CN# <del>1114</del>	Stage 3 describing the UMTS specific protocol impacts on the Gm reference point e.g. any enhancements required to SIP
Ed comment: there will be potentially other new specs, including Stage 3s, yet to be identified						
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary #	Comments	
Ed comment: further impacts to R99 specifications to be identified						