

**Title: Clarification Proposal for Work Item Proposal for IMS Call Control (Testing)**

**Source: RIM**

**Agenda item: 8.14**

**Document for: Discussion and Decision**

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**Work Item Description**

**WT\_XX. Conformance Test Aspects – IMS Call Control**

**1. 3GPP Work Area**

	Radio Access
X	Core Network
	Services

**2. Linked work items**

WP ID	WID	Rel. *	Title
1273	S1	P_F	Provisioning of IP based Multimedia Services
1274	S2	BB	Call control and Roaming to support IMS
2233	N1	BB	SIP Call Control protocol for the IMS
2255	N1	BB	IMS Session Handling; stage 2
1278	N1	BB	IMS Stage 3
<a href="#">32021</a>	<a href="#">S1</a>	<a href="#">P_F</a>	<a href="#">IMS Phase 2</a>
<a href="#">32038</a>	<a href="#">N1</a>	<a href="#">BB</a>	<a href="#">IMS Conferencing Stage 3</a>
<a href="#">31034</a>	<a href="#">S1</a>	<a href="#">F</a>	<a href="#">IMS Messaging Stage 1</a>
<a href="#">11039</a>	<a href="#">N1</a>	<a href="#">BB</a>	<a href="#">IMS Messaging Stage 3</a>
<a href="#">11040</a>	<a href="#">N1</a>	<a href="#">F</a>	<a href="#">Additional SIP Capabilities Support</a>
<a href="#">11051</a>	<a href="#">N1</a>	<a href="#">F</a>	<a href="#">IMS Management Objects</a>

\* Relationship: P = Parent, F = Feature, BB = Building Block, S = Subordinate, R = Related

**3. Justification**

IMS Call Control based on SIP forms the basis of IMS applications. Conformance test specifications must be developed for IMS Call Control Protocol to verify correct functionality of the UE when operating in an IMS network. This work item enables the conformance testing of IMS Call Control Protocol [as needed by those IMS based applications expected to be widely commercially deployed in the release 6 timeframe.](#)

#### 4. Objective

The technical objective of this work item is to provide for conformance testing of the IMS Call Control Protocol. The initial scope of this work is to verify correct essential IMS functionality of the UE for those IMS based release 6 applications expected to be widely deployed in the release 6 timeframe.

Specifically these applications are:

PoC (As defined by OMA in PoC release 1.0),

Presence (As defined in TS 24.141),

IMS Messaging (TS 24.247) and Conferencing (for Messaging) (As defined in TS 24.147).

The scope of the conformance testing will be the SIP protocol functionality required by the above applications that is defined in TS 24.229 (Release 6) and is not also defined in RFC 3261. The resulting Conformance Specifications directly created by this Work Item need to clearly identify specific configuration requirements based on each specific application described above. This is in order to determine the specific test suites for certification purposes for each application, and show where overlapping tests occur so that any test duplication may be avoided.

#### 5. Service Aspects

None

#### 6. MMI-Aspects

None

#### 7. Charging Aspects

None

#### 8. Security Aspects

None

#### 9. Impacts

<b>Affects:</b>	<b>USIM</b>	<b>ME</b>	<b>AN</b>	<b>CN</b>	<b>Others</b>
<b>Yes</b>		X		X	
<b>No</b>	X		X		X
<b>Don't know</b>					

**10.Expected Output and Time scale**

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
TBD	User Equipment (UE) conformance testing for IMS Call Control	RAN5		TSG RAN#30, Dec 05	TSG RAN#31, March 06	Definition of IMS Call Control Test Cases
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#		Comments
TS 34.108		Common test environments for User Equipment (UE) conformance testing		TSG RAN#31, March 06		Definition of common test environment for IMS Call Control.
		TBD				

**11.Work item rapporteurs**

Mr Jacob John, Motorola

**12 Work item leadership**

TSG RAN5

**13 Supporting Companies**

Motorola, Vodafone, Orange, Telecom Italia, NEC, [RIM](#)

**14 Classification of the WI (if known)**

	Feature (go to 14a)
	Building Block (go to 14b)
X	Work Task (go to 14c)

**14c. This WI is a Work task**

See section 2, Linked Work Items for relationship between this Work Task and its parent Building Block and Feature.