3GPP TSG SA Plenary Meeting #13 Beijing, China, 24^{th –}27th September 2001

SP-010570

Source:	Alcatel, Ericsson, Lucent, Nokia, Nortel, Siemens
Title:	IMS Rel 5 – Essential Features
Document for:	Approval
Agenda Item:	7.8

The aim of this contribution is to identify a core set of features which are essential in IMS release 5. These features are seen as urgent and important.

The list of features considered was taken from the updated IMS work plan (SP010550). In some cases amendments and clarifying changes were made. The list of items was also supplemented with features from SP010425 for completeness.

TSG SA are asked to endorse this list as guidance to working group chairmen and contributors on which IMS related subjects should be given priority.

The work items were classified according to the following list:

White	No competence present.
	These items need review by experts.
Grey	No classification.
	This item is used for top level "containers" that are broken down in to smaller units later in the table
Yellow	Essential
	These are urgent and important features. IMS should not be regarded completed without these features.
Red	Not Essential
	These are less urgent or less important features. If not completed with Rel 5 timeframe, they should not delay
	Rel 5 IMS and shall be deferred to later releases.
	Even though these features are not essential this does not imply that 3GPP should stop working on them. As
	shown in the work plan they are still targeted for release 5.
Blue	No agreement
	Agreement could not be reached on whether these features are essential or not.

In addition to the contents of the table the following points were agreed:

- Some contributors felt that interworking between IMS and CS networks may be more difficult to remove from Rel 5 than to complete.
- The list of RFCs needs to be reviewed by suitable experts to see which are essential based on the list of contents shown in the table.

New IMS feature (clean-up)

line	Uni ID	Task Nema	A	Laval Dal	Calitable	Dessures	Approval	Short	Finich	% Completiversitet	laat madif	lugification
#	_	Task Name	Acronym	Level Rel	Splitable	Resource	Approval	Start	Finish	Compl Hyperlink	last_modif	Justification The end date is calculated by MS
		Provisioning of IP-based multimedia services		10-15	N1-		T00	04 E-t 0000		000/00 000040	0. 1	Project (corresponds to completion
1			IMS	1Rel5	No	WG SA1	TSG	21-Feb-2000		23%SP-000216		of last WT)
2	1274	Call control and roaming to support IMS in UMTS	IMS-CCR	2	No	WG SA2	TSG	21-Feb-2000		23%SP-010339	17-Nov-2000	Same as above
3	1633	Stage 1	IMS-CCR	3	No	WG SA1		21-Feb-2000		1	30-Mar-2001	
4	1514	Stage 2 (Architecture and Main flows)	IMS-CCR	3	No	WG SA2	TSG	14-Apr-2000	23-Mar-2001	100%SP-000289	8-Feb-2001	
6	2233	SIP Call Control protocol for the IMS	IMS-CCR	3	No	WG CN1	TSG	2-Oct-2000	Mar 2002	15%NP-010143	30-May-2001	
7	1998	IMS signalling flows (TS 24.228)	IMS-CCR	4	No	WG CN1	TSG	2-Oct-2000	March 2002	65%	8-Feb-2001	Corresponds to 1.23 in SP010425
8	1278	IMS stage 3 (TS 24.229)	IMS-CCR	4	No	WG CN1	TSG	2-Oct-2000	Mar 2002	40%	8-Feb-2001	Corresponds to 1.23 in SP010425
9	2255	IMS Session Handling; stage 2 (TS 23.218)	IMS-CCR	4	No	WG CN1	TSG	2-Oct-2000	Mar 2002	38%	1-Apr-2000	Corresponds to 1.23 in SP010425
10	2521	IETF: draft-ietf-sip-rfc2543bis (Session Initiation Protocol)	IMS-CCR	4	No	WG CN1		24-Nov-2000	Mar 2002	0%	6-Sep-2001	End date to be confirmed. Corresponds to 1.23 in SP010425
11	2522	IETF: draft-sip-manyfolks-resource (Without COMET)(Integ management and SIP)	gration of resource	4	No	WG CN1		24-Nov-2000	Mar 2002	0%	6-Sep-2001	Corresponds to 1.23 in SP010425
		IETF: draft-ietf-sip-100rel (Reliability of Provisional		4	INU							
12	2523	Response in SIP) IETF: draft-ietf-sip-privacy (SIP extensions for caller	IMS-CCR	4	No	WG CN1		24-Nov-2000	Mar 2002	0%	6-Sep-2001	Corresponds to 1.23 in SP010425
13	2524	Identity and privacy)	IMS-CCR	4	No	WG CN1		24-Nov-2000	Mar 2002	0%	6-Sep-2001	
14	2525	IETF: draft-ietf-sip-call-auth (SIP extensions for media	IMS-CCR	4	No	WG CN1		24-Nov-2000	Mar 2002	0%	6-Sep-2001	
15	2526	IETE: droft jott ain avanta (apositia avant patification)	IMS-CCR		No	WG CN1		24-Nov-2000				Corresponds to 1.23 in SP010425
16		IETF: draft-ietf-sip-refer (refer method)	IMS-CCR	4	2	WG CN1		24-Nov-2000			6-Sep-2001	
		IETF:draft-ietf-sip-dhcp (DHCP options for SIP servers)						211101 2000		0,0	0 000 2001	NOTE! Does not presently support
17			IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002	0%	6-Sep-2001	Ipv6 ! Corresponds to 1.23 in SP010425
18		IETF:draft-biggs-sip-replaces (SIP replaces header)	IMS-CCR	4	?	WG CN1		24-Nov-2000			6-Sep-2001	Delivery from IETF unknown
40		IETF:draft-ietf-avt-rtp-amr (AMR and AMR_WB RTP and	IMS-CCR		0			0.4 Nov. 0000				
19		SDP) IETF:draft-ietf-mmusic-sdp-new (IPv6 support within SDP)	INIS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002	100 %	6-Sep-2001	Corresponds to 1.23 in SP010425 Delivery from IETF unknown.
20		IETF:draft-ietf-sip-serverfeatures (sip supported header)	IMS-CCR	4	?	WG CN1		24-Nov-2000	?? Mar 2002	0%	6-Sep-2001	Corresponds to 1.23 in SP010425 Delivery from IETF unknown.
			IMS-CCR	4	?	WG CN1		24-Nov-2000	?? Mar 2002 ??	0%	6-Sep-2001	Corresponds to 1.23 in SP010425
		IETF: draft-ietf-sip-session-timer	IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002		24-Sep-2001	
		IETF: draft-agrawal-sip-h323-intrwrkng-reqs	IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002		24-Sep-2001	Corresponds to 2.12 in SP010425
		IETF: draft-ietf-sip-callerprefs	IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002		24-Sep-2001	
		IETF: draft-ietf-sip-state	IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002		24-Sep-2001	
		IETF: draft-ietf-aaa-diameter	IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002		24-Sep-2001	Corresponds to 1.23 in SP010425
		IETF: Draft-ietf-sip-isup	IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002		24-Sep-2001	Corresponds to 3.10 in SP010425
		IETF: draft-ietf-sip-isup-header	IMS-CCR	4	?	WG CN1		24-Nov-2000	Mar 2002		24-Sep-2001	
												Move to separate feature? S3 and T2 interactions missing.
27	2529	UE Functionality Split	IMS-CCR	3	Yes	WG SA1		11-May-2001	December 2001	0%	6-Sep-2001	Corresponds to 1.20 in SP010425
31	2023	3 SDM issues for CAMEL control of IMS	IMS-CCR	4	?	WG CN4		15-Nov-2000	March 2002	10%	13-Dec-2000	Re-introduced by N4
35	1290	Addressing	IMS-CCR	3	No	WG SA2		9-Oct-2000			1-Apr-2000	· · · · · · · · · · · · · · · · · · ·
			IMS-CCR			WG SA2					6-Sep-2001	Corresponds to 1.17 & 1.18 in
36	1291			4	No			9-Oct-2000	31-Aug-2001			Corresponds to 1.17 & 1.18 in
37	1292		IMS-CCR	4	No	WG CN4		15-Nov-2000		15%	13-Dec-2000	SP010425
42	2530	Service Examples	IMS-Sex	3	Yes	WG SA1	TSG	17-Apr-2001	21-Dec-2001	20%	NA	

43 2531 BLS Framework Repent MS-FrWk 3 Yes WG SA1 TSG 17-Apr-2001 21-Dee-2001 15% NA 44 1288 Access Security for IMS MS-ASEC 2 No WG SA3 TSG 4-Sep-2000 June 2002 09853-010283 12-Jun-2001 Corresponds to 1.§ in SP01042 90 IMS impacts on UICC 3 No WG T3 June 2002 24-Sep-2001 Corresponds to 1.9 in SP01042 46 1299 Lawful interception MS-LI 2 No WG SA3 TSG 4-Sep-2000 March 2002 19/85P-000309 1-Apr-2002 24-Sep-2001 Corresponds to 1.9 in SP01042 46 1299 Lawful interception MS-LI 2 No WG SA3 TSG 4-Sep-2000 March 2002 19/85P-000309 1-Apr-2004 Mork on UID1680 and 1688 not the ore the ore pelow TSG RAN 2-Apr-2001 March 2002 0%unknown 6-Sep-2001 Corresponds to 2.1 in SP01042 47 13000(not approved), header removal (not approved) MS-RAN 2 Apr-2001 March 2002 0%unknown 6-Sep-2015PO10025D Loresponds to 2.1 in SP0104		TSG	WG SA1	Voc	2	IMS-FrWk	1 IMS Framework Report	3 2531	12
45 SIP extensions for Integrity protection 3 No WG CN1 7 6-Sep-2001 Corresponds to 1.§ in SP01042 90 IMS impacts on UICC 3 No WG T3 June 2002 24-Sep-2000 Corresponds to 1.§ in SP01042 46 1299 Lawful interception MS-LI 2 No WG SA3 TSG 4-Sep-2000 March 2002 1/9k SP-000309 1-Apr-2000 Corresponds to 3.§ in SP01042 46 1299 Lawful interception MS-LI 2 No WG SA3 TSG 4-Sep-2000 March 2002 1/9k SP-000309 1-Apr-2000 Corresponds to 3.§ in SP01042 47 1300 (not approved), header removal (not approved) mS-RAN 2 More or below TSG RAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001 Corresponds to 3. in SP01042 48 Assume this is header removal (not approved), header removal (not approved) march 2002 0% unknown 6-Sep-2001 Corresponds to 2. in SP01042 49 Assume this is header removal/UED on GERAN MS-RAN 2 above GERAN 2-Apr-2001 March 2002 Work just starting, Corresponds to 2. jt 8.2									43
90 IMS impacts on UICC 3 No WG T3 June 2002 24-Sep-201 Corresponds to 1.j 9 in SP01042 46 1299 Lawful interception MS-LI 2 No WG SA3 TSG 4-Sep-2000 March 2002 10% SP-000309 1-Apr-2000 Corresponds to 1.j 9 in SP01042 47 1300 (not approved), header removal (not approved)) MS-RAN 2 bellow TSG RAN 2-Apr-2001 March 2002 0% anknown 6-Sep-2000 Corresponds to 1.j in SP01042 48 Assume this is loader removal (IDE on GERAN MS-RAN 2 above GERAN 2-Apr-2001 March 2002 0% anknown 6-Sep-2001 Corresponds to 2.j in SP01042 48 Assume this is loader removal (UEE on GERAN MS-RAN 2 above GERAN 2-Apr-2001 March 2002 0% anknown 6-Sep-2001 Corresponds to 2.j in SP01042 52 Xxx (Copy) GERAN evolutions for efficient support of MS (Header adoptation) MS-RAN 2 above GERAN 2-Apr-2001 March 2002 0% anknown 6-Sep-2001 Corresponds to 2.j in SP01042 52 Xxx (Copy) GERAN evolutions for efficient support of MS (HE ador the one PT SG AD		ISG			2	IMS-ASEC		4 1298	44
46 1299 Lawful interception IMS-LI 2 No WG SA3 TSG 4-Sep-200 March 2002 10% SP-000309 1-Apr-2000 Corresponds to 3.8 in SP01042 47 1300(and approved), header removal (not approved)) IMS-RAN 2 his one or the one bellow TSG RAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001 Corresponds to 3.8 in SP01042 47 1300(and approved), header removal (not approved)) IMS-RAN 2 his one or the one bellow TSG RAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001 Corresponds to 3.8 in SP01042 48 Assume this is beader removal (UED on GERAN) IMS-RAN 2 above GERAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001 SP010425 52 Xox (Copy) End-to-end QoS IMS-RAN 2 above GERAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001 SP010425 52 Xox (Copy) End-to-end QoS IMS-RAN 2 above GERAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001 SP010425 IMS is R services are not supported? 52 Xox (Copy) End-to-end QoS No	3 No WG CN1 ? 6-Sep-2001Corresponds to 1.₿ in SP	+	WG CN1	No	3	╉────┤	SIP extensions for Integrity protection	5	45
47 1300(not approved), header removal (not approved) IMS-RAN 2 this one or the one bellow TSG RAN 2-Apr-2001 March 2002 0%unknown 6-Sep-2001 Corresponds to 1.1 in SP010422 Moved from above row: UEP: UID 1686 (not approved), header removal (not approved) IMS-RAN 2 bellow TSG RAN 2-Apr-2001 March 2002 0%unknown 6-Sep-2001 Corresponds to 1.1 in SP010422 Moved from above row: UEP: UID 1686 (not approved), header removal (not approved) moved in support of the one or the	3 No WG T3 June 2002 24-Sep-2001 Corresponds to 1.19 in S	+	WG T3	No	3		IMS impacts on UICC		90
Image: MS (ROHC: UD2206 (completed), UEPUID-1686 1300(not approved), header removal (not approved)) IMS-RAN 2 Moved from above row: UEP_UD 1666 (not approved), header removal (not hopproved)) Image: MS-RAN 2 Moved from above row: UEP_UD 1666 (not approved), header removal (not hopproved)) Image: MS-RAN 2 (copy) GERAN evolutions for efficient support of MS (Hoader adaptation) this one or the one balow Image: MS-RAN 2 48 Assume this is header removal (UEP on GERAN. Image: MS-RAN 2 Moved [Ventre] 52 Xxxx (copy) End-to-end QoS Image: MS-RAN 2 1) How to apply "Manyfolks" draft in UMTS environment No WG SA2 January 2001 March 2002 March 2002 2) QoS coordination of UMTS bearers and bearer in UE and GGSN when applicable No WG SA2 January 2001 March 2002 Support for QoS for IMS signalling End to End at SIP/SDP session level End to End at SIP/SDP session level Image: MS-RAN Image: MS-RAN Image: MS-RAN Image: MS-RAN	2 No WG SA3 TSG 4-Sep-2000 March 2002 10% SP-000309 1-Apr-2000 Corresponds to 3.≱ in SP	TSG	WG SA3	No	2	IMS-LI		6 1299	46
47 1300(not approved), header removal (not approved)) IMS-RAN 2 bellow TSG RAN 2-Apr-2001 March 2002 0%sunknown 6-Sep-2001 Corresponds to 1.1 in SP01042 UPP: UDP UD 688 (not approved), header removal (not approved) Ims endowed removal (not approved) Ims endowed removal (not approved) Corresponds to 3.1 in SP01042 (copy) GERAN evolutions for efficient support of MS (Header adaptation) this one or the one TSG above this one or the one TSG above Vork just starting, Corresponds to 2.1 & 2.3 in above 48 Assume this is header removal/UEP on GERAN. rMS-RAN 2 above GERAN 2-Apr-2001 March 2002 0%sunknown 6-Sep-2001SP010425 52 xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 0%sunknown 6-Sep-2001SP010425 1) How to apply "Manyfolks" draft in UMTS environment 2) QoS coordination of UMTS bearers and bearer in UE and GGSN when applicable No WG SA2 January 2001 March 2002 supported? 3) Support for QoS for IMS signalling End to End at SIP/SDP session level End to End at SIP/SDP sess							(copy) UTRAN evolutions for efficient support of IMS (ROHC: UID2206 (completed), UEP: UID 1686		
user: UEP: UID 1686 (not approved), header removal (not approved), header remo	2 bellow TSG RAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001 Corresponds to 1.1 in SP		TSG RAN		2	IMS-RAN	0 <mark>(not approved), header removal (not approved))</mark>	7 1300	47
approved)) approved) approved) corresponds to 3, in SP01042; (copy) GERAN evolutions for efficient support of MS (Header adaptation) ms.ran 2 this one or the one showe corresponds to 2, le 2.3 in Corresponds to 2, le 2.3 in dove 52 Xxx (Copy) End-to-end QoS in S-ran 2 above GERAN 2Apr-2001 March 2002 0%unknown G-Sep-2001 SP010425 Just a copy to remind that End-tend QoS has to be guaranteed of QOS has to be guaranteed in US is interesting to introc INS if RT services are not supported? 1) How to apply "Manyfolks" draft in UMTS environment 2) QoS coordination of UMTS bearers and bearer in UE and GGSN when applicable 3) Support for QoS for IMS signalling a									
48 Assume this is header removal/UEP on GERAN. IMS-RAN 2 above GERAN 2-Apr-2001 March 2002 0%unknown 6-Sep-2001SP010425 & 2.3 in 48 Assume this is header removal/UEP on GERAN. IMS-RAN 2 above GERAN 2-Apr-2001 March 2002 0%unknown 6-Sep-2001SP010425 & 2.3 in 52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 supported? 52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 supported? 52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 supported? 52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 supported? 1) How to apply "Manyfolks" draft in UMTS environment 2) QoS coordination of UMTS bearers and bearer in UE and GGSN when applicable Corresponds to 1.14 in SP0104 3) Support for QoS for IMS signalling End to End at SIP/SDP session level Corresponds to 1.14 in SP0104							approved))		
48 Assume this is header removal/UEP on GERAN. MS-RAN 2 above GERAN 2-Apr-2001 March 2002 0% unknown 6-Sep-2001SP010425 Just a copy to remind that End-tend QoS has to be guaranteed in the end QoS has the end of the end QoS has the end end of the end of the end QOS has the end end of the end QOS has the end of the end QOS has the end end of the end QOS has the end end of the end	this one or Work just starting.								
52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 end QoS has to be guaranteed in RT IMS. Is it interesting to introce MS if RT services are not supported? 52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 supported? 1) How to apply "Manyfolks" draft in UMTS environment 2) QoS coordination of UMTS bearers and bearer in UE and GGSN when applicable Image: Corresponds to 1.14 in SP01042 Image: Corresponds to 1.14 in SP01042 3) Support for QoS for IMS signalling Image: Corresponds to 1.14 in SP01042 Image: Corresponds to 1.14 in SP01042	2 above GERAN 2-Apr-2001 March 2002 0%unknown 6-Sep-2001SP010425				2	IMS-RAN			48
52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 IMS if RT services are not supported? 1) How to apply "Manyfolks" draft in UMTS environment 1) How to apply condition of UMTS bearers and bearer in UE and GGSN when applicable 1 Image: Corresponds to 1.14 in SP01043 3) Support for QoS for IMS signalling Image: Corresponds to 1.14 in SP01043 Image: Corresponds to 1.14 in SP01043 Image: Corresponds to 1.14 in SP01043 Image: Corresponds to 1.14 in SP01043 Image: Corresponds to 1.14 in SP01043	end QoS has to be guara								
52 Xxx (Copy) End-to-end QoS No WG SA2 January 2001 March 2002 supported? 1) How to apply "Manyfolks" draft in UMTS environment 1) How to apply "Manyfolks" draft in UMTS environment Image: Comparison of UMTS bearers and bearer in UE and GGSN when applicable Image: Comparison of UMTS bearers and bearer Image: Comparison of UMTS bearers Image: Compari	RT IMS. Is it interesting to								
environment 2) QoS coordination of UMTS bearers and bearer a b <td></td> <td>+</td> <td>WG SA2</td> <td>No</td> <td></td> <td>4</td> <td></td> <td>2 Xxx</td> <td>52</td>		+	WG SA2	No		4		2 Xxx	52
2) QoS coordination of UMTS bearers and bearer in UE and GGSN when applicable 3) Support for QoS for IMS signalling End to End at SIP/SDP session level									
in UE and GGSN when applicable 3) Support for QoS for IMS signalling End to End at SIP/SDP session level Corresponds to 1.14 in SP0104: Corresponds to 1.1									
End to End at SIP/SDP session level									
	Corresponds to 1.14 in S								
End-to-end negotiation of QoS parameters on a									
per-session basis, with respect to the subscription									
profile, network policies, invoked									
service/application Corresponds to 3.11 in SP0104:	Corresponds to 3. 11 in S								
End-to-end bearer establishment corresponding									
to the QoS requirements negotiated and agreed in									
session/service layers during session setup Corresponds to 3.12 in SP0104:									
53 2048 Interworking between IMS and IP networks IMS-CCR-IWIP 2 ? WG CN3 WG 28-Aug-2000 March 2002 30% NP-000466 30-May-2001 SIP-SIP Interworking SIP-SIP Interworking Image: Sip	2 ? WG CN3 WG 28-Aug-2000 March 2002 30%NP-000466 30-May-2001	WG	WG CN3	?	2	IMS-CCR-IWIP	8 Interworking between IMS and IP networks SIP-SIP Interworking	3 2048	53
(May not be any work required) Corresponds to 2.11 in SP0104:	Corresponds to 2.11 in S								
SIP-H323 Interworking Corresponds to 2.12 in SP0104	Corresponds to 2.12 in S	+				4	SIP-H323 Interworking		E O hi
53bi s 1296 Impact on MM/CC/SM IMS-CCR-IWMM 3 No WG CN1 19-Mar-2001 March 2002 5% 30-May-2001			WG CN1	No	3	IMS-CCR-IWMM	6 Impact on MM/CC/SM		53DI S
moved here (was a WT under "Interworking with other multime									
Interworking between IMS and CS networks March 2002 Corresponds to 2.9, 2.10, 3.7 –	protocols")						Interworking between IMS and CS networks		
60 2047 (SIP-ISUP, SIP-ISUC) IMS-CCR-IWCS 2 ? WG CN3 TSG 28-Aug-2000 28-Dec-2001 30%NP-000465 30-May-2001 n SP010425	2 ? WG CN3 TSG 28-Aug-2000 28-Dec-2001 30%NP-000465 30-May-2001 N SP010425	TSG	WG CN3	?	2	IMS-CCR-IWCS		0 2047	60
63 1280 SIP SS and relationship to Mg, Mw and Cx IMS-CCR 2 No WG CN4 1-Jan-2001 28-Dec-2001 0% 1-Apr-2000Corresponds to 1.22 in SP0104:			WG CN4	No	2	IMS-CCR	SIP SS and relationship to Mg. Mw and Cx	3 1280	63
Requirements not clear. Corresponds to 3.16 & 3.17 in	Requirements not clear.								
66 1732 Number portability in IMS IMS-MNP 2 Yes WG CN4 1-Jan-2001 June 2002 0% 6-Sep-2001 SP010425	2 Yes WG CN4 1-Jan-2001 June 2002 0% 6-Sep-2001 SP010425	\downarrow	WG CN4	Yes	2	IMS-MNP	2 Number portability in IMS	6 1732	66
From S4 point of view complete excluding TR on performance	excluding TR on performa								
67 1598 (Copy) AMR-WB 2 Yes WG SA4 4-Sep-2000 29-Jun-2001 95% 20-Mar-2001 characterisation Multimedia codecs and protocols for Multimedia codecs and		+	WG SA4	Yes	2			7 1598	67
68 2036 conversational PS services IMS-CODEC 2 No WG SA4 TSG 26-Jul-2000 21-Dec-2001 21% SP-000398 20-Mar-2001			WG SA4	No	2	IMS-CODEC		8 2036	68
69 2039 Codecs 3 No WG SA4 TSG 26-Jul-2000 21-Mar-2001 100%SP-000398 20-Mar-2001	2 No WG SA4 TSG 26-Jul-2000 21-Dec-2001 21%SP-000398 20-Mar-2001	130	110 0/14	110		INIO OODLO			

70	2040			3	No	WG SA4	TSG	2-Oct-2000	21-Dec-2001	0%	SP-000398	1-Apr-200	0Technical report, not must for R5
72	2038	Recommendation on QoS parameters for various media typesTransport protocols		3	No	WG SA4		2-Oct-2000	21-Dec-2001	0%		6-Sep-200	1check if done
74		SIP message compression	IMS-COMP		no	WG SA2			March 2002			6-Sep-200	1Corresponds to 1.2 in SP010425
75		Stage 2			No	WG SA2			Dec 2001			6-Sep-200	1
76		Compression signalling (link to IETF RFC needed?)			no	WG CN1			March 2002	0%		6-Sep-200	1
77		IMS Local services	IMS-LOCSER		yes	WG SA2			March 2002	20%		6-Sep-200	Corresponds to 1.16 in SP010425
78		Stage 3 description of IMS interfaces	IMS	3	no	TSG CN			March 2002			6-Sep-200	1
79	1286	Cx interface (HSS to CSCF) [previous name was "CSCF – HSS (Cx) applications and services"]			No	WG CN4			March 2002			6-Sep-200	1Corresponds to 1.25 in SP010425
80		Enhancements of Mc interface (IM-MGW to MGCF)			No	WG CN4			March 2002			6-Sep-200	1
81		Mw interface (CSCF to P-CSCF)			No	WG CN1			March 2002			6-Sep-200	Corresponds to 1.21 in SP010425
82		Mm interface (CSCF to external IP multimedia network) May not be any work required			?	WG CN1			March 2002			6-Sep-200	1
83		Mg interface (CSCF to MGCF - interworking with CS)			?	WG CN4			March 2002			6-Sep-200	1Corresponds to 1.21 in SP010425
84		Mr interface (CSCF to MRF)			Yes	WG CN1			?			6-Sep-200	Corresponds to 2.8 & 3.6 in ISP010425
85		Dx interface (I-CSCF to SLF)			?	WG CN4			?			6-Sep-200	Corresponds to 1.26 in SP010425
86		Go interface (GGSN to PCF)			?	WG CN3			March 2002			6-Sep-200	Corresponds to 3.18 - 3.22 in ISP010425
87		ISC (IMS Service Control) interface		2	?	WG CN1			?			6-Sep-200	1Corresponds to 1.23 in SP010425
													N5 has just started considering the IMS architecture.
88	1310		IMS-ONOSA	3	?	WG CN5	TSG	14-Aug-2000	?	0%			Corresponds to 3.23 in SP010425 N2 has just started technical work.
89	12000	Support of CAMEL by the IMS Pre-pay/real-time charging in IMS	IMS-CAMEL	3	?	WG CN2		July 2001	Mar 2002	0%		16-Feb-200	Corresponds to 3.24 in SP010425
		Note: Operator requirements for IMS charging need clarification. Is content-based charging											Correspondente 1 0 - 1 12 in
91	31002	essential?	IMS-PREPAY	2	?	WG SA1		15-Jun-2001	15-Mar-2002	0%		6-Sep-2001	Corresponds to 1.81.13 in SP010425
93	2242		OAM-CH/IP	2	No	WG SA5	TSG	1-Dec-2000	14-Mar-2002	35%	SP-000524	6-Jun-200	1
94		Charging Implications of IMS architecture		2	No	WG SA2		Aug 2001	Nov 2001	20%		6-Jun-200	 1
95	1913	Start Testing		2	No	MLST		14-Dec-2001	14-Dec-2001	0%		1-Apr-200	0
96	1844	Conformance Test Aspects - Provisioning of IMS	IMS-TEST	2	No	WG T1		Mar-2002	Dec-2002	0%		1-Apr-200	OCorresponds to 1.28 in SP010425
		Added from SP010425:											
	1298	User Authentication										<u> </u>	Corresponds to 1.7 in SP010425
	1290	SIP URI (part of addressing)											Corresponds to 1.17 in SP010425
	1514	Gm (UE-CSCF) Terminal support of IPv6 (IETF draft: Cellular host											Corresponds to 1.21 in SP010425
		profile)											Corresponds to 1.27 in SP010425
	1653 2527												Corresponds to 2.6 & 2.7 in SP010425
		Sh (HSS - AS)											Corresponds to 2.15 in SP010425
	1576 1586	Network Domain Security											Corresponds to 1.4 & 1.5 in SP010425

1298 1576 MS security/Confidentiality (optional)						Corresponds to 2.5	5 in SP010425
1142 1303 DAM for IMS						Corresponds to 2.1 SP010425	1423 in