Source:	**CN Chair**
Title:	**REPORT - IETF Status**
Agenda item:	**4.3**
Document for:	**INFORMATION**

1. Executive Summary

Two SIP drafts still not completed (svcrtdisc, 3pcc).   8 drafts approved but still awaiting publication. IETF to continue to try and expedite all outstanding 3GPP Rel 5 dependencies.

As a result of analysis done in CN1 have added 47 new Release 6 IETF dependencies

2. Statistics

Drafts being tracked:
 Release 4: 2
 Release 5: 45
 Release 6: 67
Drafts not yet approved by IESG (technical stability)
 Release 4: 0
 Release 5: 2
 Release 6: 64
Drafts not yet published as RFCs (formally available)
 Release 4: 0
 Release 5: 10
 Release 6: 67

Drafts approved by IESG since TSG#19: 7
Drafts published as RFCs since TSG#19: 4

3. Significant Developments

Significant work in IETF required in the areas of Presence and IM (to meet 3GPP efficiency requirements). Significant work also required in the area of Conferencing and possibly Group Management.

Please see attached dependency table for latest status on individual drafts.

3GPP IETF Dependencies and Priorities

Notes:

a. This dependency and priority is based on the information available as of May 27, 2003

b. The 3GPP Requirement is that these IDs be stable and RFC numbers be available to allow 3GPP to reference them.

c. Where individual IDs are listed, there is a desire that an ID providing similar requirements or functionality be progessed within the working group.

d. The "Definite" column indicates how firm the 3GPP requirement for this ID is. Those listed as Possible are still under discussion (or in some cases not yet discussed in 3GPP).

e. The "3GPP Priority" column indicates whether this functionality is deemed essential for the functioning of the 3GPP feature. Desirable indicates that major functionality will be sacrificed if this ID is not ready.

f. Items with a high risk of not being complete in time are marked in yellow. Completed tems are in green.

g. Dependency information compiled by Stephen Hayes, 3GPP TSG-CN Chair (stephen.hayes@ericsson.com, +1 469 360 8500)

3GPP Dependency Table

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
1	Diameter Base Protocol	http://www.ietf.org/internet-drafts/draft-ietf-aaa-diameter-17.txt	COMPLETED except for RFC#	Definite	Critical	Authentication and Authorization	Only GPRS specific security provided	CN4 SA5	Rel 5 Late	AAA	RFC Editors Queue	23Jan03	No date
2	Provisional Diameter Command Codes for 3GPP Release 5	http://www.ietf.org/internet-drafts/draft-loughney-aaa-cc-3gpp-01.txt	COMPLETED except for RFC#	Definite	Critical	Allocation of cmd codes	IANA will not allocate cmd codes needed by Cx/Dx, Sh.	CN4	Rel 5 Late	AAA	RFC Editors Queue	23Jan03	No date
3	SDP Bandwidth Modifiers for RTCP Bandwidth	http://www.ietf.org/internet-drafts/draft-ietf-avt-rtcp-bw-05.txt	COMPLETED except for publication	Definite	Desirable	Specification of RTCP parameters in SDP	Cannot allocate separate media for RTCP	SA4	Rel 5 Late	AVT	RFC Editor Queue	20May02	No Date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
4	Differentiated Services Quality of Service Policy Information Base	http://www.ietf.org/internet-drafts/draft-ietf-diffserv-pib-08.txt	COMPLETED	Possible	Desirable	Use of COPS for control of 3GPP resources	must replicate relevant information in Go PIB	CN3	Rel 5 Late	DIFFSERV	RFC 3317	3Jun02	
5	Dynamic Host Configuration Protocol for IPv6 (DHCPv6)	http://www.ietf.org/internet-drafts/draft-ietf-dhc-dhcpv6-28.txt	COMPLETED except for publication	Definite	Desirable	Use Ipv6 addr if DHCP used.	Must rely on GPRS specific discovery mechanisms	SA2	Rel 5 Late	IPV6	RFC Editor Queue	12Dec02	No date
6	IPv6 for Some Second and Third Generation Cellular Hosts	http://www.ietf.org/internet-drafts/draft-ietf-ipv6-cellular-host-03.txt	COMPLETED	Definite	Critical	Consistency of IMS hosts	Inconsistency in Ipv6 stack supported by IMS terminals.	SA2 T2	Rel 5 Late	IPV6	RFC 3316	3Jun02	
7	Mapping of Media Streams to Resource Reservation Flows	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-reservation-flows-01.txt	COMPLETED except for publication	Possible (may be moved to Rel 6)	Desirable	Indicate separation of media streams to the UE	P-CSCF cannot control whether UE modifies existing PDP context or reuses old context.	CN1	Rel 5 Late	MMUSIC	RFC Editor Queue	12Dec02	No date
8	Framework Policy Information Base	http://www.ietf.org/internet-drafts/draft-ietf-rap-frameworkpib-09.txt	COMPLETED	Possible	Desirable	Use of COPS for control of 3GPP resources	must replicate relevant information in Go PIB	CN3	Rel 5 Late	RAP	RFC 3318		
9	Session Authorization for RSVP	http://www.ietf.org/internet-drafts/draft-ietf-rap-rsvp-authsession-04.txt	COMPLETED	Definite	Desirable	Uses Policy element	must replicate policy element	CN3	Rel 5 Late	RAP	RFC 3520		
10	DHCPv6 Options for SIP Servers	http://www.ietf.org/internet-drafts/draft-ietf-sip-dhcpv6-00.txt	COMPLETED except for publication	Definite	Desirable	SIP server discovery.	Must rely on GPRS specific discovery mechanisms	SA2	Rel 5 Late	SIP	RFC Editor Queue	14Nov02	No Date
11	Best Current Practices for Third Party Call Control in the Session Initiation Protocol	http://www.ietf.org/internet-drafts/draft-ietf-sipping-3pcc-03.txt	LATE	Definite	Desirable	OSA control of SIP sessions	OSA cannot support IMS	CN5	Rel 5 Late	SIP	IESG Evaluation	Mar03	No Date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
12	Registration Event package	http://www.ietf.org/internet-drafts/draft-ietf-sipping-reg-event-00.txt	COMPLETED except for publication	Definite	Critical	Event for registartion (taken from Presence)	Cannot be notified of registrations	CN1	Rel 5 Late	SIP	RFC Editor Queue	12Dec02	No date
13	Session Initiation Protocol Extension Header Field for Service Route Discovery During Registration	http://www.ietf.org/internet-drafts/draft-ietf-sip-scvrtdisco-04.txt	LATE	Definite	Critical	Needed to route signalling to appropriate CSCFs	Cannot ensure all necessary servers are in the signalling path	CN1	Rel 5 Late	SIP	IESG Evaluation	Mar03	No Date
14	The SIP/SDP static dictionary for Signaling Compression	http://www.ietf.org/internet-drafts/draft-ietf-sipping-sigcomp-sip-dictionary-05.txt	COMPLETED except for publication	Possible	Desirable	Enhanced SIP compression	Non-optimal use of bandwidth and longer session establishment delays	CN1	Rel 5 Late	SIPPING	RFC Editors Queue	28Nov02	No Date
15	Diameter Multimedia Application (or equivalent)	http://www.ietf.org/internet-drafts/draft-belinchon-aaa-diameter-mm-app-00.txt	Low	Definite (work based on requirements established in draft-loughney-sip-aaa-reqs)	Critical	Authentication and Authorization of UEs	Cannot authenticate and authorize UEs.	CN4	Rel 6	AAA	In Progress as WG item	No date	No date
16	Diameter Credit Control Application	http://www.ietf.org/internet-drafts/draft-hakala-diameter-credit-control-06.txt	Low	Definite	Critical	Prepaid charging	Cannot do IMS pre-paid	SA5	Rel 6	AAA	In Progress as WG item	No Date	No Date
17	Diameter Extensible Authentication Protocol (EAP) Application	http://www.ietf.org/internet-drafts/draft-ietf-aaa-eap-01.txt	Low	Definite	Critical (Informational OK)	Use of EAP in WLAN environments	Cannot reuse 3GPP security in WLAN	SA2 SA3	Rel 6	AAA	In progress	No date	No date
18	EAP AKA Authentication	http://www.ietf.org/internet-drafts/draft-arkko-pppext-eap-aka-09.txt	Low	Definite	Critical	AKA in EAP	Use of AKA with alternate access methods (such as WLAN)	CN1 CN4 SA3	Rel 6	EAP	Not chartered	No date	No date
19	EAP SIM Authentication	http://www.ietf.org/internet-drafts/draft-haverinen-pppext-eap-sim-10.txt	Low	Definite	Critical (Informational OK)	Use of EAP to carry SIM info	Cannon reuse 2G security in WLAN	SA2 SA3	Rel 6	EAP	Not chartered	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
20	Common Presence and Instant Messaging: Message Format	http://www.ietf.org/internet-drafts/draft-ietf-impp-cpim-msgfmt-08.txt	Low	Definite	Critical	IMS Messaging	IMS Messaging not Available	CN1	Rel 6	IMPP	WGLC completed	No date	No date
21	CPIM Presence Information Data Format	http://www.ietf.org/internet-drafts/draft-ietf-impp-cpim-pidf-08.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	IMPP	WGLC completed	No date	No date
22	Common Profile for IM	http://www.ietf.org/internet-drafts/draft-ietf-impp-im-02.txt	Low	Definite	Critical	IMS Messaging	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	WGLC completed	No date	No date
23	Common Profile for Presence	http://www.ietf.org/internet-drafts/draft-ietf-impp-pres-02.txt	Low	Definite	Critical	Presence	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	WGLC completed	No date	No date
24	Address Resolution for IM and Presence	http://www.ietf.org/internet-drafts/draft-ietf-impp-srv-02.txt	Low	Definite	Critical	Presence & IMS Messaging	Interoperability with CPIM compromised.	CN1	Rel 6	IMPP	WGLC completed	No date	No date
25	The MAP Security Domain of Interpretation for ISAKMP	http://www.ietf.org/internet-drafts/draft-arkko-map-doi-07.txt	Low	Definite	Desirable	IKE for MAP	Informational RFC: Needed for consistency of applying IKE to secure GSM MAP and other GSM protocols.	SA3	Rel 6	IPSEC	Sent to IESG	No date	No date
26	SDP: Session Description Protocol	http://search.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-new-12.txt	Low	Possible	Desirable	New version of SDP	Must use old version	CN1	Rel 6	MMUSIC	AD Evaluation	No date	No date
27	ATtransport Independent Bandwidth Modifier for SDP	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-bwparam-01.txt	Low	Possible	Nice to Have	Media provisioning	Inconsistent bandwidth allocation	CN1	Rel 6	MMUSIC	In progress	No date	No Date
28	Connection-Oriented Media Transport in SDP	http://www.ietf.org/internet-drafts/draft-ietf-mmusic-sdp-comedia-05.txt	Medium	Possible	Desirable	IMS Messaging	Messaging over connection oriented transports	CN1	Rel 6	MMUSIC	In progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
29	Requirements for Floor Control	http://www.ietf.org/internet-drafts/draft-koskelainen-mmusic-floor-req-01.txt	Low	Possible (requirements under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines reqs for floor control	Insufficient conferencing service	CN1	Rel 6	MMUSIC	RFC not needed	No date	No date
30	Instant Message Sessions in SIMPLE	http://www.ietf.org/internet-drafts/draft-campbell-simple-im-sessions-01.txt	Medium	Definite	Critical	IMS Messaging	No session based instant messaging (including chat)	CN1	Rel 6	SIMPLE	In progress	No date	No date
31	Requirements for Manipulation of Data Elements in SIMPLE Systems	http://www.ietf.org/internet-drafts/draft-ietf-simple-data-req-02.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is critical	Defines presence requirements for data manipulation	Insufficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
32	SIP Event Notification Extension for Collections	http://www.ietf.org/internet-drafts/draft-ietf-simple-event-list-03.txt	Low	Definite	Critical	To subscribe to collections of event packages	Inefficient or limited Presence service	CN1	Rel 6	SIMPLE	In progress	No date	No date
33	SIP Extensions for Presence	http://www.ietf.org/internet-drafts/draft-ietf-simple-presence-10.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	SIMPLE	RFC Editor	No date	No date
34	SIMPLE Presence Publication Requirements	http://www.ietf.org/internet-drafts/draft-ietf-simple-publish-reqs-00..txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is critical.	Defines presence requirements for publishing state	Insufficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
35	An XML Based Format for Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-format-04.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	SIMPLE	RFC Editor	No date	No date
36	A SIP Event Sub-Package for Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-package-05.txt	Low	Definite	Critical	Presence	Presence Service not Available	CN1	Rel 6	SIMPLE	RFC Editor	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
37	Event Notification Filtering for Presence	http://www.ietf.org/internet-drafts/draft-khartabil-simple-presence-filter-00.txt	High	Possible – One solution to requirements in draft-moran-simple-pres-filter reqs	Critical – At least some solution needed.	Filtering of presence event notifications	Source filtering of notifications not possible	CN1	Rel 6	SIMPLE	In progress	No date	No date
38	Event Notification Filtering for Watcher Info	http://www.ietf.org/internet-drafts/draft-khartabil-simple-winfo-filter-00.txt	High	Possible – One solution to requirements in draft-kiss-simple-winfo-filter reqs	Critical – At least some solution needed.	Filtering of presence watcher event notifications	Filtering of watcher notifications not possible	CN1	Rel 6	SIMPLE	In progress	No date	No date
39	Requirements for Presence Service based on 3GPP specifications and wireless environment characteristics	http://www.ietf.org/internet-drafts/draft-kiss-simple-presence-wireless-reqs-02.txt	Low	Definite (requirements are needed, but contents under discussion). May be included in generic requirements	Desirable (needs stability, but not necessarily RFC status)	Defines 3GPP presence requirements	Insufficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
40	Requirements for Filtering of Watcher Information	http://www.ietf.org/internet-drafts/draft-ietf-simple-winfo-filter-reqs-00..txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines presence requirements for filtering watcher notifications	Inefficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
41	Partial Notification of Presence Information	http://www.ietf.org/internet-drafts/draft-lonnfors-simple-partial-notify-01.txt	Low	Possible – One solution to requirements in draft-lonnfors-simple-presinfo-deliv-reqs	Critical – At least some solution needed.	Partial notification	Presence state must be completely refreshed	CN1	Rel 6	SIMPLE	In progress	No date	No date
42	Requirements for Efficient Delivery of Presence Notification	http://www.ietf.org/internet-drafts/draft-lonnfors-simple-presinfo-deliv-reqs-00.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical.	Defines presence requirements for partial notification	Inefficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
43	Requirements for Presence specific Event Notification Filters	http://www.ietf.org/internet-drafts/draft-moran-simple-pres-filter-reqs-00..txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical.	Defines presence requirements for filtering notifications	Inefficient presence service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
44	Requirements for Instant Messaging in 3GPP Wireless Systems	http://www.ietf.org/internet-drafts/draft-niemi-simple-im-wireless-reqs-01.txt	Low	Definite (requirements are needed, but contents under discussion). May be included in generic requirements	Desirable (needs stability, but not necessarily RFC status)	Defines requirements for IMS Messaging	Insufficient IMS Messaging service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
45	SIMPLE Presence Publication Mechanism	http://www.ietf.org/internet-drafts/draft-olson-simple-publish-02.txt	Medium	Possible – One solution to requirements in draft-ietf-simple-publish reqs	Critical – At least some solution needed.	Protocol for composing state information	Presence Service not Available	CN1	Rel 6	SIMPLE	In progress	No date	No date
46	An ACAP Dataset Classes for Presence List and Authorization Policy	http://www.ietf.org/internet-drafts/draft-rosenberg-simple-acap-data-01.txt	High	Possible – One solution to requirements in draft-ietf-simple-data-req	Critical – At least some solution needed.	Protocol for presence data manipulation	User cannot manage lists and authorization	CN1	Rel 6	SIMPLE	In progress	No date	No date
47	Advanced Instant Messaging Requirements for SIP	http://www.ietf.org/internet-drafts/draft-rosenberg-simple-messaging-requirements-00.txt	Medium	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines IMS Messaging requirements	Insufficient IMS Messaging service	CN1	Rel 6	SIMPLE	RFC not needed	No date	No date
48	Is-composing Indication for Instant Messaging Using SIP	http://www.ietf.org/internet-drafts/draft-schulzrinne-simple-iscomposing-00.txt	Medium	Definite	Desirable	IMS Messaging	No information that user is composing a message	CN1	Rel 6	SIMPLE	In progress	No date	No date
49	RPIDS – Rich Presence Information Data Format for Presence Based on SIP	http://www.ietf.org/internet-drafts/draft-schulzrinne-simple-rpids-01.txt	Medium	Definite	Critical	Presence	3GPP specific format used. Interoperability compromised.	CN1	Rel 6	SIMPLE	In progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
50	Solution for Limiting the Rate of Event Notifications	No draft existing	Medium	Definite – Solution needed to requirements in draft-niemi-simple-event-throttle-reqs	Critical – At least some solution needed.	Defines presence requirements for throttling notifications	Inefficient presence service	CN1	Rel 6	SIMPLE	Not started	No date	No date
51	External object insertion to PIDF	http://www.ietf.org/internet-drafts/draft-lonnfors-simple-binpidf-01.txt	Medium	Possible	Desirable	Ability to insert objects to presence data	Presence data ascii only	CN1	REL 6	SIMPLE	In progress	No date	No date
52	Solution for private messages in a messaging session conference	Not available	Medum	Possible	Desirable	Ability to send private msgs in conference	Can't send private messages within conference	CN1	REL 6	SIMPLE	Not started	No date	No date
53	An Extension to SIP for Request History Information	http://www.ietf.org/internet-drafts/draft-barnes-sipping-history-info-02.txt	Low	Possible – One solution to requirements in draft-ietf-sipping-req-history	Nice-to-have – At least some solution needed.	Call Trace	No call trace and routing info for user	CN1	Rel 6	SIP	In progress	No date	No date
54	Transcoding Services Invocation in SIP	http://www.ietf.org/internet-drafts/draft-camarillo-sip-deaf-02.txt	Low	Possible	Desirable	Transcoding	Reduced interoperability or require gateway solution	CN1	Rel 6	SIP	In progress	No date	No Date
55	Caller Preferences and Callee Capabilities for SIP	http://www.ietf.org/internet-drafts/draft-ietf-sip-callerprefs-08.txt	Low	Definite	Critical	Conferencing and multiple terminals	Cannot indicate conferencing preferences and multiple terminals	CN1	Rel 6	SIP	In progress	No date	No Date
56	SIP Extension to Assure Congestion Safety	http://www.ietf.org/internet-drafts/draft-ietf-sip-congestsafe-01.txt	Low	Definite	Desirable	Avoid SIP congestion with UDP	Poor service quality	CN1	Rel 6	SIP	In progress	No date	No date
57	A Mechanism for Content Indirection in SIP Messages	http://www.ietf.org/internet-drafts/draft-ietf-sip-content-indirect-mech-02.txt	Low	Possible – One solution to requirements in draft-ietf-sipping-content-indirect	Desirable – At least some solution needed.	Content Indirection Mechanism	All content must be carried inline	CN1	Rel 6	SIP	In progress	No date	No date
58	The SIP "Join" Header	http://www.ietf.org/internet-drafts/draft-ietf-sip-join-01.txt	Low	Possible	Nice to Have	Call Monitoring, etc.	These features not easily available	CN1	Rel 6	SIP	In progress	No date	No Date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
59	The SIP Referred-By Mechanism	http://www.ietf.org/internet-drafts/draft-ietf-sip-referredby-01.txt	Low	Possible	Nice to Have	Call Transfer	Less efficient call transfers	CN1	Rel 6	SIP	In progress	No date	No Date
60	The SIP "Replaces" Header	http://www.ietf.org/internet-drafts/draft-ietf-sip-replaces-03.txt	Low	Possible	Nice to Have	Call Transfer	Less efficient call transfers	CN1	Rel 6	SIP	IESG Evaluation	No date	No Date
61	Binding Generic URIs to SIP URIs	No existing draft (http://www.ietf.org/internet-drafts/draft-schulzrinne-sip-bind-00.txt is expired)	High	Definite	Desirable to have a solution	Conferencing	Cannot bind gerenic URIs to SIP URIs	CN1	Rel 6	SIP	In progress	No date	No Date
62	Requirements for Limiting the Rate of Event Notifications	http://www.ietf.org/internet-drafts/draft-niemi-sipping-event-throttle-reqs-01.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical	Defines presence requirements for throttling notifications	Inefficient presence service	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
63	Supporting Intermediary Session Policies in SIP	http://www.ietf.org/internet-drafts/draft rosenberg-sipping-session-policy-00.txt	Low	Possible – One solution to requirements in draft-rosenberg-sipping-session-policy-req	Desirable – At least some solution needed.	Inform UE of network policies	Fragile services	CN1	Rel 6	SIPPING	In progress	No date	No date
64	Early Media and Ringback Tone Generation in SIP	http://www.ietf.org/internet-drafts/draft-camarillo-sipping-early-media-01.txt	Low	Possible (requirements are needed, but contents under discussion).	Nice to Have - (needs stability, but not necessarily RFC status)	Early Media for IVR support	Inconsistent handling of early media	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
65	Conferencing Media Policy Requirements	http://www.ietf.org/internet-drafts/draft-even-sipping media policy-requirements-00.txt	Low	Possible (requirements under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines reqs for media distribution policy for conferencing	Insufficient conferencing service	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
66	SIP-AAA Requirements	http://www.ietf.org/internet-drafts/draft-ietf-sipping-aaa-req-02.txt	Low	Definite	Desirable (needs stability, but not necessarily RFC status)	Lists 3GPP Requirements for AAA	3GPP Work in AAA may not be correct	CN4	Rel 6	SIPPING	In progress	No date	No date
67	SIP Event Package for Conference State	http://www.ietf.org/internet-drafts/draft-ietf-sipping-conference-package-00.txt (does not exist yet)	Low	Definite	Critical	Conferencing & IMS Messaging	Insufficient Conferencing Service	CN1	Rel 6	SIPPING	In progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
68	Requirements for Connection Reuse in SIP	http://www.ietf.org/internet-drafts/draft-ietf-sipping-connect-reuse-reqs-00.txt	Low	Possible (requirements are needed, but contents under discussion).	Nice to Have - (needs stability, but not necessarily RFC status)	Reuse connections	IMS less efficient	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
69	Requirements for Content Indirection in SIP	http://www.ietf.org/internet-drafts/draft-ietf-sipping-content-indirect-03.txt	Low	Possible (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Indirectly specify message content	Inefficient IMS Messaging Service	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
70	SIP Generic Request History Capability - Requirements	http://www.ietf.org/internet-drafts/draft-ietf-sipping-req-history-03.txt	Low	Possible (requirements are needed, but contents under discussion).	Nice to Have - (needs stability, but not necessarily RFC status)	Call Trace	No call trace and routing info for user	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
71	SIP Call Control – Conferencing for User Agents	http://www.ietf.org/internet-drafts/draft-ietf-sipping-cc-conferencing-00.txt	Low	Definite	Critical	Conferencing	Conferencing Service not Available	CN1	Rel 6	SIPPING	In progress	No date	No date
72	Requirements for Conference Policy Data	http://www.ietf.org/internet-drafts/draft-koskelainen-sipping-conf-policy-req-00.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical.	Defines reqs for conference policy data	Insufficient conferencing service	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
73	High Level Requirements for Tightly Coupled SIP Conferencing	http://www.ietf.org/internet-drafts/draft-levin-sipping-conferencing-requirements-03.txt	Low	Definite (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Defines reqs for conferencing service	Insufficient conferencing service	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
74	Media Policy Manipulation in the Conference Policy Control Protocol	http://www.ietf.org/internet-drafts/draft-mahy-sipping-media-policy-control-00.txt	Low	Possible – One solution to requirements in draft-even-sipping-media-policy-requirements	Desirable – At least some solution needed.	Media Policy Maniputlation for conferencing	Media distribution cannot be manipulated	CN1	Rel 6	SIPPING	In progress	No date	No date

0#	Title	Link	Risk	How definite?	3GPP Priority	3GPP Need	Consequences if not done	3GPP WG	3GPP Release	IETF WG	IETF Status	IESG approval	RFC Ready
75	A Framework for Conferencing with SIP	http://www.ietf.org/internet-drafts/draft-ietf-sipping-conferencing-framework-00.txt	Low	Definite	Critical	Conferencing	Conferencing Service not Available	SA2 CN1	Rel 6	SIPPING	In progress	No date	No date
76	Requirements for Session Policy for SIP	http://www.ietf.org/internet-drafts/draft-rosenberg-sipping-session-policy-req-00.txt	Low	Possible (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status)	Inform UE of network policies	Fragile services	CN1	Rel 6	SIPPING	RFC not needed	No date	No date
77	Requirements for SIP-based Emergency Calls	http://www.ietf.org/internet-drafts/draft-schulzrinne-sipping-emergency-req-00.txt	Low	Possible (requirements are needed, but contents under discussion).	Desirable - (needs stability, but not necessarily RFC status). Solution is Critical.	IMS based emergency calls	Cannot make IMS emergency calls	SA2 CN1	Rel 6	SIPPING	RFC not needed	No date	No date
78	Use of SIP and SOAP for Conference Floor Control	http://www.ietf.org/internet-drafts/draft-wu-sipping-floor-control-04.txt	Medium	Possible	Desirable	Conferencing	No floor control	CN1	Rel 6	SIPPING	In progress	No date	No date
79	Solution for SIP-based Emergency Calls	No draft existing	Medium	Definite – Solution needed to requirements in draft-schulzrinne-sipping-emergency-req	Critical – At least some solution needed.	IMS based emergency calls	Cannot make IMS emergency calls	CN1	Rel 6	SIPPING	Not started	No date	No date
80	Analysis of Ipv6 Transition in 3GPP Networks	http://www.ietf.org/internet-drafts/draft-ietf-v6ops-3gpp-analysis-03.txt	Low	Definite	Desirable (needs stability, but not necessarily RFC status)	Identifies 3GPP IPv6 transition scenarios	3GPP operators receive poor guidance on IPv6 implementation strategies	SA2 CN3	Rel 6	V6OPS	In Progress as WG item	No date	No date
81	Transition Scenarios for 3GPP Networks	http://www.ietf.org/internet-drafts/draft-ietf-v6ops-3gpp-cases-03.txt	Low	Definite	Desirable (needs stability, but not necessarily RFC status)	Identifies 3GPP IPv6 transition scenarios	3GPP operators receive poor guidance on IPv6 implementation scenarios	SA2 CN3	Rel 6	V6OPS	In progress	No date	No date

A PDF version of this document is available here

The collaboration agreement between the 3GPP and IETF may be found here (http://www.ietf.org/rfc/rfc3113.txt?number=3113)

Please contact stephen.hayes@ericsson.com with any updates

Change Log

Date	Version	Description of Change
16-08-2002	6.0.0	Moved MapDoI to Rel-6. Moved ietf-sip-message to Rel-6. Moved ietf-ipv6-dns-discovery to Rel-6. Replaced garcia-sip-visited-network-id, mills-sip-Access-Network-Info, garcia-sip-called-party-id, garcia-sip-associated-uri, henrikson-sip-charging-information with garcia-sipping-3gpp-p-headers. Removed hendrikson-sip-original-dialog-id. Replaced beckmann-sip-reg-event with rosenberg-sip-reg-event. Added possible Rel-6 dependency on camarillo-sip-compression. Added soininen-ngtrans-3gpp-cases and wiljakka-3gpp-ipv6-transition. Added ietf-mmusic-fid and camarillo-mmusic-separate-streams as possible dependencies. Updated stale links.
21-08-2002	6.0.1	Added dependency on ietf-sip-callerprefs. Updated status of dependencies.
04-11-2002	6.0.2	Changed penultimate heading from "To IESG" to "IESG approval" since they can stay with the IESG for a long time. Added loughney-aaa-cc-3gpp, ietf-avt-rtcp-bw, ietf-simple-presencelist-package, ietf-sip-sipgrag, olson-simple-publish, kiss-simple-presence-wireless-reqs, niemi-simple-im-wireless-reqs. Removed dependency on sip-replaces, sip-callerprefs. Changed mmusic-separate-streams to mmusic-reservation flows. Changed dependency on impp-cpim-msgfmt to Rel 6. Updated status of dependencies.
27-11-2002	6.0.3	Aligned states with ietf-id-tracker. Updated status of dependencies.
02-12-2002	6.0.4	Added ietf-aaa-eap and haverinen-pppext-eap-sim dependencies. Sdp-new moved to Rel 6. Updated status of dependencies.
06-01-2003	6.0.5	Updated status of items. Sip-compression moved to Rel 5. Added RFC#'s for those items published.
25-01-2003	6.0.6	Updated status of items.
07-03-2003	6.0.7	Updated status of items. Removed NASREQ dependency. Updated status of dependencies.
08-04-2003	6.1.0	Removed completed Rel 4 and Rel 5 items from table. Updated dependencies as defined in N1-030562. Promoted presence, comferencing, and IM dependencies to "Definite". aaa-eap, eap-aka, eap-sim upgraded to "Definite" and "Critical" dependencies. Removed the UID column, as it was not being used. Updated status of dependencies.
13-04-2003	6.1.1	Refer removed out since now a completed Rel 5 dependency.
25-04-2003	6.1.2	Removed duplicate row for olson-simple-publish
27-05-2003	6.1.3	Removed ipv6-dns-discovery and Rosenberg-sipping-lease. Added dependency on lonnfors-simple-binpidf and placeholders for rate limiting, emergency calls, and private messages. Risk, How definite, and priority values updated based upon N1-030866. Updated status of dependencies and links.