

**Source:** CN Chairman  
**Title:** Open items list for Rel-5 IMS specifications placed Frozen at NP#16  
**Document for:** INFORMATION

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The following open items still need resolution in the CN specs. CRs are permitted to close these items as well as to address inconsistencies that may be necessary to align with stage 1, stage 2, or IETF specifications.

**TS 23.172 - Technical Realization of Circuit Switched (CS) Multimedia Service; UDI/RDI Fallback and Service**

- No open issues

**TS 23.218 - IP Multimedia (IM) Session Handling IP Multimedia (IM) call mode**

- No open issues

**TS 24.228 - Signalling flows for the IP multimedia call control based on SIP and SDP**

- To/From header encoding (part complete)
- IETF Draft referencing (part complete)
- Security Association related parameter inclusion in SIP messages Input needed from SA3
- Missing clause (17.6) error handling session initiation
- XML body vs. P-headers (part complete)
- Rework of Path header compliant with draft 'willis and ServRoute'
- Privacy updates (part complete)
- Security Association setup procedures
- R99 USIM compatibility check (part complete)
- Apply drafting rules (part complete)

**TS 24.229 - IP Multimedia Call Control Protocol based on SIP and SDP Stage 3**

- To/From header encoding (part complete)
- IETF Draft referencing (part complete)
- Security Association related parameter inclusion in SIP messages Input needed from SA3
- SigComp failure handling
- Local emergency calls for roaming subscribers
- Clause 2.2.4 Status codes table (part complete)
- Annex A.2 SDP types (part complete)
- Clause 8.2 SIP headers defined in 3GPP (part complete)
- 7.6.3 IMS XML body (part complete)
- S-CSCF not available error cases at I-CSCF
- R99 USIM public identity barring in the S-CSCF (part complete)
- Remote party ID insertion into initial request
- Public identity validation at the P-CSCF (part complete)
- Multiple media types per PDP context (part complete)
- Security Association setup procedures
- 3GPP specific warn codes
- R99 USIM compatibility check (part complete)
- Apply drafting rules (part complete)

**TS 29.198-13 - OSA API Part 13: Policy Management SCF**

- No open issues

**TS 29.198-14 - OSA API Part 14: Presence and Availability Management (PAM)**

- No open issues

**TS 29.207: Policy control over Go interface**

- The sections for DiffServ edge function are still empty since the requirement for DiffServ interworking has been given lower priority by SA2 (section 4.3.1.4 and A.1.2). *The contents of these sections have to be decided on receiving a response LS from SA2.*
- The wildcarding of source IP address. *To be specified on receiving a response LS from SA2 (section 4.3.1.3 and 5.2.1.1).*
- The handling of IMS charging ID. *To be detailed on receiving a response LS from SA5 (section 6.3.2).*
- The handling of an error case caused by discrepancy between authorized QoS information and TFT parameters. *To be studied based on the decision of SA2 (section 4.3.1.3 and 5.1.4).*
- The mapping of authorized data rate into UMTS QoS bit rate parameter has to be decided (section 4.3.1.1 and 5.2.1.1).
- The initialization and maintenance of GGSN and PCF have to be specified (section 4.3.1.2 and 4.3.2.2).
- A solution for possible theft of service has to be studied and determined (section 4.3.2.1).
- The location of UE specific descriptions has to be decided (annex A).
- The limitation table of Go PIB has to be updated (annex B).

**TS 29.208: End-to-end QoS Signalling flows**

- Resource reservation flows with end-to-end RSVP interactions are missing (section 5.2)

**TS 29.228: IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message**

- No open issues

**TS 29.229: Cx and Dx Interfaces based on the Diameter protocol; Protocol details**

- Definition of a mechanism for the negotiation of protocol versions not finalized
- Completion of diameter base draft

**TS 29.328: IP Multimedia (IM) Subsystem Sh Interface; Signalling flows and message contents**

- Exact nature of the subscriber state information element is FFS, section 7.6.7.
- Multiplicity of service indication needs examination.
- Definition of the format of location information is required in annex C.1.

**TS 29.329: Sh Interface based on the Diameter protocol; Protocol details**

- Commands for the Sh may be allocated to start at 100 (to differ from Cx)
- Completion of diameter base draft

**TR 29.998-04-04: Mapping for OSA; Part 4: Call Control Service Mapping; Subpart 4; Multiparty Call Control – ISC**

- No open issues