

# Status Report from CN#16

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## Topics for SA Presentation

- Release '97, '98, '99, 4 Status
- Release 5 Status Overview
- Release 5 Deliverables
- Release 6 Work Items
- Questions for Guidance by TSG-SA
- 2002-2003 CN Meeting Schedule

## Release '97, '98, '99, 4 Status

- **Reiterated directive for WGs to be critical in approving CRs to frozen releases.**
- **Transfer operator identifier part of APN name (R97)**
  - Needed for GPRS charging
- **Combine TAC & FAC fields of IMEI**
  - Needed to ensure harmonization between 3GPP2 & 3GPP mobiles

## Release '97, '98, '99, 4 Status

- **AMR2 CR completed to 24.008 (R99)**
  - It is clarified that in R99 for speech calls in UMTS the network only supports the UMTS AMR codec. Furthermore, a note is added that the UMTS AMR 2 codec in the MS can interwork with the UMTS AMR codec in the network without problems.
- **CN1 agreement on use of cause code#14 (R99)**
  - Operator should not use this code to its own subscribers in Network mode 1 (Looping can result).

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## Release '97, '98, '99, 4 Status

- **EDGE support in pre-Rel 99 networks (pre R99)**
  - Ongoing discussions with GERAN and SA1
  - Isn't this a functional change to a frozen release?
- **Corrections to IPv6 address allocation procedures (R99)**

**IMS  
COMPLETED\*!!!**

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\*Except for remaining open items, see SP-020382

## Release 5 Status Overview (IMS)

- **Except as noted below all IMS functions complete**
  - Specs raised to v5.x.x and functionally frozen
  - Remaining open items documented in SP-020372
  - IETF RFC numbers anticipated by June 14 except where indicated in open item list.
- **IMS items not completed**
  - CAMEL for IMS (target CN#17)
  - IMS to CS interworking (no split deliverable)
  - IMS to PS interworking (moved to Rel-6 at SA#15)

## Release 5 Status Overview (non-IMS)

- **Service Change and UDI Fallback completed**
- **WB-AMR Complete**
  - No CN work done for LI
- **Ze interface (Key distribution for MAP security) not complete**
  - completion date not known
- **Network sharing not complete**
  - awaiting RAN, SA2 decisions

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## New Specs

- **Call Control in IMS**
  - **TS 23.218: IP Multimedia (IM) session handling; IM call model; Stage 2**
  - **TS 24.228: Signalling flows for the IP multimedia call control based on SIP and SDP; Stage 3**
  - **TS 24.229: IP Multimedia Call Control Protocol based on SIP and SDP; Stage 3**
- **End to End QoS**
  - **TS 29.207: Policy control over Gs interface**
  - **TS 29.208: End to end Quality of Service (QoS) signalling flows**

## New Specs (cont.)

- **Cx and Dx interface**
  - TS 29.228 on IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents
  - TS 29.229 on Cx and Dx Interfaces based on the Diameter protocol; Protocol details
- **Sh interface**
  - TS 29.328 on IP Multimedia (IM) Subsystem Sh Interface; Signalling flows and message contents
  - TS 29.329 on Sh Interface based on the Diameter protocol; Protocol details

## **New Specs (cont.)**

- **Service Change and Fallback**
  - **TS 23.172 Technical Realization of Circuit Switched (CS) Multimedia Service; UDI/RDI Fallback and Service Modification**
- **OSA**
  - **TS 29.198-04 OSA API Part 4: Call control (split into 4 subparts)**
  - **TS 29.198-13 OSA API Part 13: Policy Management SCF**
  - **TS 29.198-14 OSA API Part 14: Presence and Availability Management (PAM)**
  - **TR 29.998-04-04 Mapping for OSA; Part 4: Call Control Service Mapping; Subpart 4: Multiparty Call Control - ISC**

## Release 6

- **Bearer Independent Architecture for the PS domain**
  - Specification of the IMS Mc interface
  - Odd to have two applications over the Mc interface
- **MBMS**
  - Waiting for SA2, RAN stability
- **Presence**
  - Waiting for SA2 stability
- **Preferred Framing Protocol**
  - Framing protocols other than luFP (CN4 ownership)
- **IMS<->IP Interworking**

## Questions for Guidance from SA

- **Are the following still part of Rel-5?**
  - CAMEL for IMS (CN recommends Yes)
  - Ze (completion date not known)
  - Network Sharing (dependent on RAN3 solutions)
  - IMS<->CS interworking
- **IPv4/IPv6 Interworking**
  - Aligned with SA2 position
  - Note that use of IPv6 GSN addresses in a pre-Release 5 GPRS network can cause interoperability problems
- **Coordinated position on IP CN Harmonization**
  - CN position stated in SP-020366
  - CN did not address relationship to evolution workshops

# CN 2002-2003 Schedule

CN plenary and CN WG meetings in 2002-2003			
Date	Meeting	Venue	Host
29 July – 2 August 2002	CN WGs	Helsinki, FINLAND	Sonera, Nokia, Elisa Communication, Ficora
4 – 6 September 2002	CN #17	Biarritz, FRANCE	Alcatel
23 – 27 September 2002	CN WGs	West coast (???), USA	North American Friends of 3GPP
11 – 15 November 2002	CN WGs	Bangkok, THAILAND	Japanese Friends of 3GPP
4 – 6 December 2002	CN #18	New Orleans, Louisiana, USA	North American Friends of 3GPP
10 – 14 February 2003	CN WGs		
12 – 14 March 2003	CN #19	Jersey Island, UK	UK Friends of 3GPP
7 – 11 April 2003	CN WGs		
19 – 23 May 2003	CN WGs		
4 – 6 June 2003	CN #20	FINLAND	Nokia
18 – 22 August 2003	CN WGs		
17 – 19 September 2003	CN #21	GERMANY	To be confirmed
27 – 31 October 2003	CN WGs	China	Japanese Friends of 3GPP & Ericsson
10 – 12 December 2003	CN #22	To be confirmed	North American & Japanese Friends of 3GPP