



BCP for SIP to ISUP mapping

draft-camarillo-sip-isup-bcp-00.txt

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Outline

- Contents of the draft
- Changes from previous version (presented in DC)
- Call flow example showing overlap signalling
- Open issues

Contents of the draft

Requirements

- Extensions Required (multipart bodies, reliable responses...)

Message flow

- Call flow examples
- Two state machines

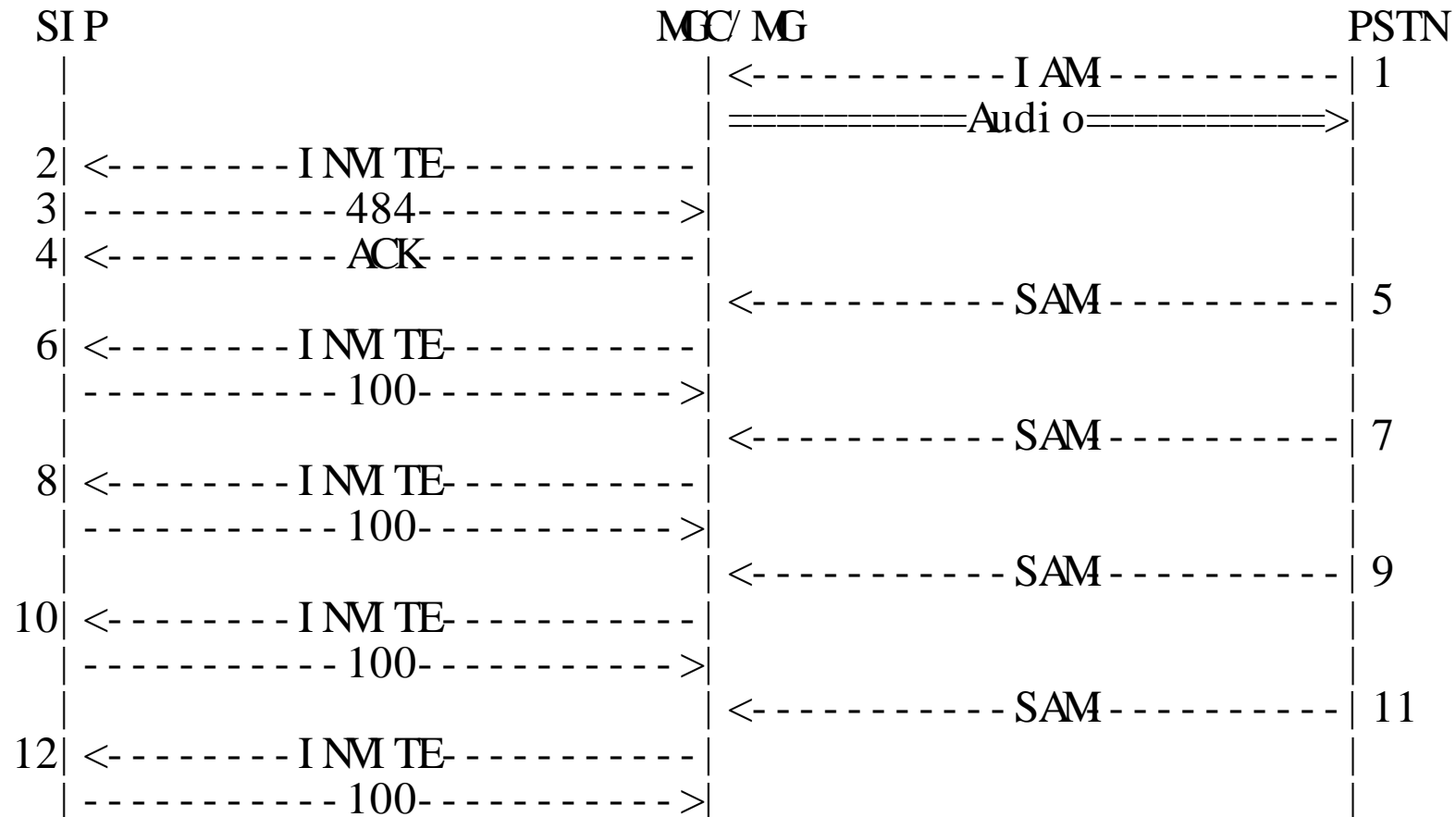
Mapping of parameters

- SIP response codes to ISUP cause values
- ISUP cause values to SIP response codes
- Standard parameters in ISUP messages

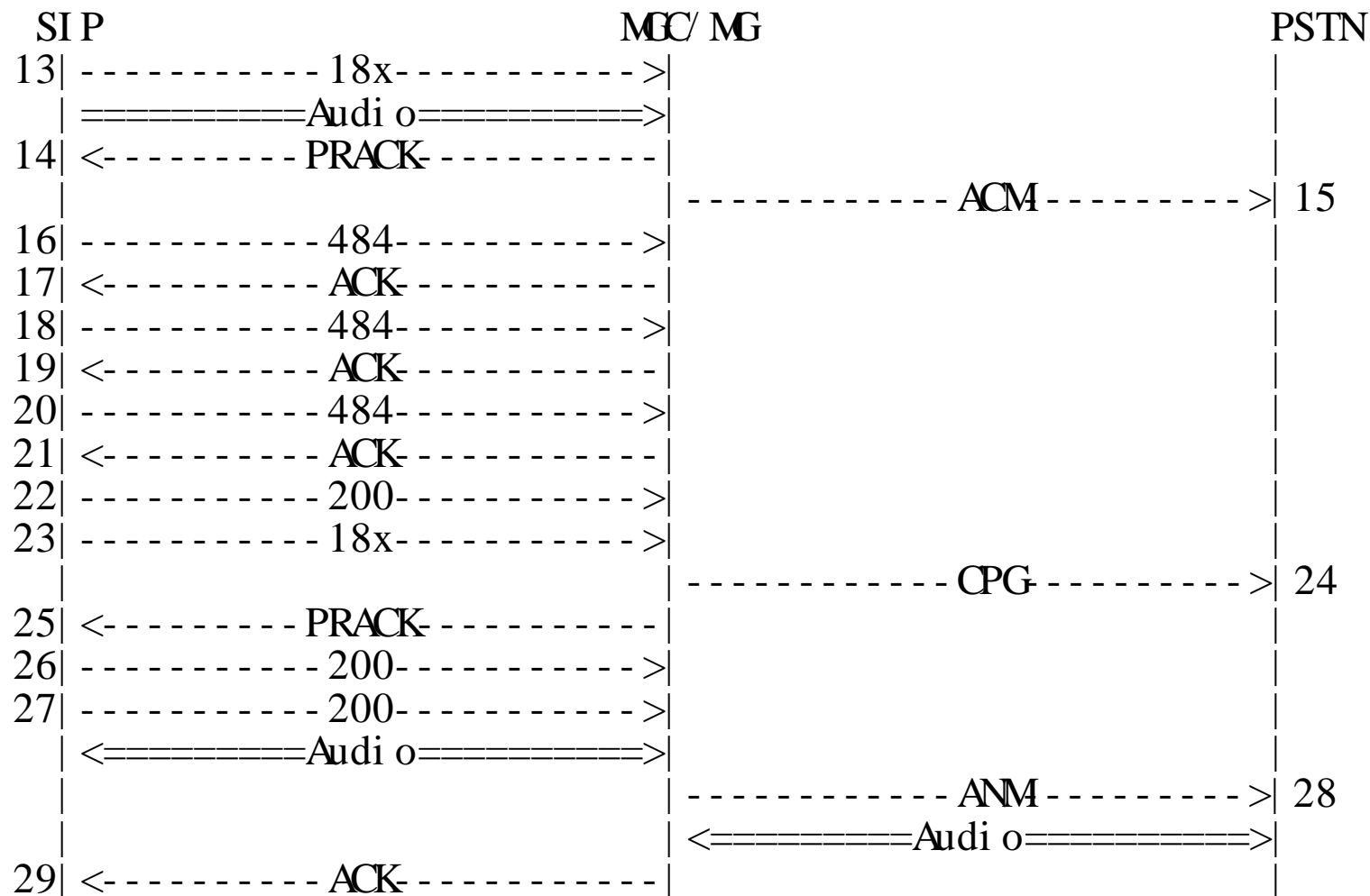
Changes from previous version

- draft-camarillo-mmusic-sip-isup-bcp-00.txt
- Draft “SIP PSTN interworking Umbrella Require ” added as “Extensions Required” section
- Scope better defined (User Part Available outside)
- SIP bridging (ISUP-SIP-ISUP) described in more detail
- Overlap signalling (SAMs)
- Lots of examples of call flows

Overlap Signalling



Overlap Signalling



Open Issues

- New title (A mapping between ISUP and SIP)
- Version of ISUP chosen (Q.767, Q.763, ANSI, national flavours...)
- Parameters chosen to be mapped (mandatory)
- Reception of several 18x with media
- Establishment of the media path in PSTN-SIP scenarios. When 200 is sent. ACK arrives later
- Interpretation of 1xx until 183 draft gets frozen
- How to route overlap signalling in a stateless proxy performing load sharing between several MGCs.

Overlap Signalling Open Issue

