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Customized Alerting Tones (CAT);
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Foreword

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1 Scope

The present document provides the protocol details for the Customized Alerting Tones (CAT) service in the IP Multimedia (IM) Core Network (CN) subsystem based on the requirements from 3GPP TS 22.182 [2].

The CAT service is an operator specific service by which an operator enables the subscriber to customize the media which is played to the calling party during alerting of the called party.

The present document is applicable to User Equipment (UE) and Application Servers (AS) which are intended to support the CAT service.

2 References

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- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 22.182: "Customized Alerting Tones (CAT) Requirements; Stage 1".
- [3] 3GPP TS 24.238: "Session Initiation Protocol (SIP) based user configuration; Stage 3".
- [4] 3GPP TS 24.229: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3".
- [5] RFC 3262: "Reliability of Provisional Responses in the Session Initiation Protocol (SIP)".
- [6] 3GPP TS 24.623: "Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services".
- [7] RFC 3959: "The Early Session Disposition Type for the Session Initiation Protocol (SIP)".
- [8] RFC 3960: "Early Media and Ringing Tone Generation in the Session Initiation Protocol (SIP)".
- [9] RFC 5009 (September 2007): "Private Header (P-Header) Extension to the Session Initiation Protocol (SIP) for Authorization of Early Media".
- [10] 3GPP TS 24.607: "Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification".
- [11] RFC 6086 (January 2011): "Session Initiation Protocol (SIP) INFO Method and Package Framework".
- [12] RFC 4796 (February 2007): "The Session Description Protocol (SDP) Content Attribute".
- [13] RFC 3311: "The Session Initiation Protocol (SIP) UPDATE Method".