

Processor Interfaces (IMS-PSTN(ISUP) Call; Megaco/H.248 Signaling; IMS Caller Initiated Call Release)					
Calling UE	IMS Core Network		PSTN Interface		EventStudio System Designer 4.0
Caller User Equipment	Visited IMS	Home IMS	Signaling	Media	25-Feb-08 07:56 (Page 1)

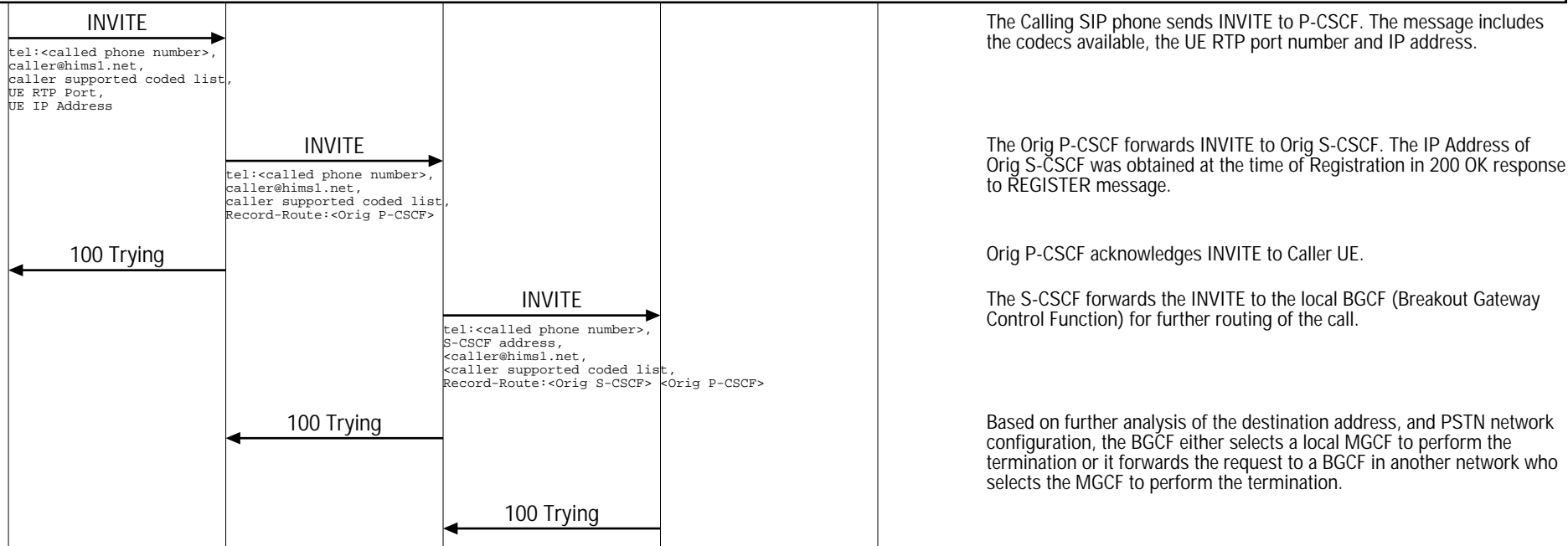
LEG: Detailed IMS to PSTN(ISUP) Call Setup

This sequence diagram was generated with EventStudio System Designer 4.0 (<http://www.EventHelix.com/EventStudio>). Copyright © 2008 EventHelix.com Inc. All Rights Reserved. The EventStudio source files for this document can be downloaded from <http://www.eventhelix.com/call-flow/ims-pstn-call.zip>.

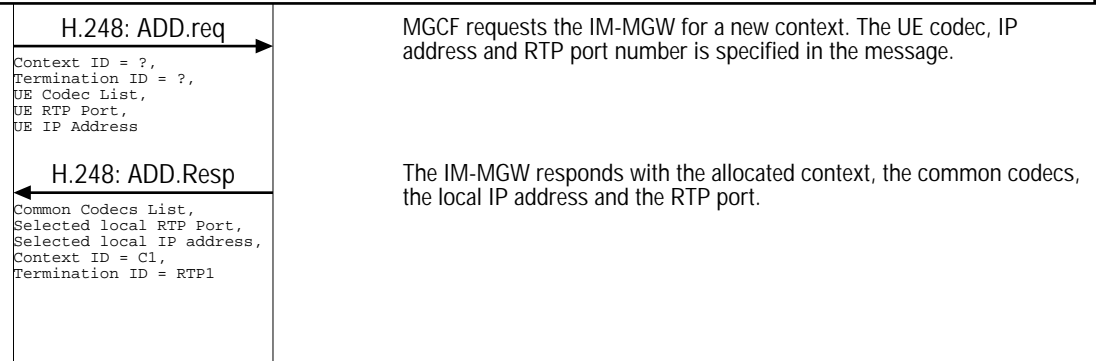
This call flow describes the call setup from one IMS subscriber to ISUP PSTN termination. The call is routed via the BGCF (Border Gateway Control Function) to the MGCF (Media Gateway Control Function). The MGCF uses one context with two terminations in IM-MGW (Media Gateway). The termination RTP1 is used towards IMS Core network subsystem entity and the bearer termination TDM1 is used for bearer towards PSTN CS network element.

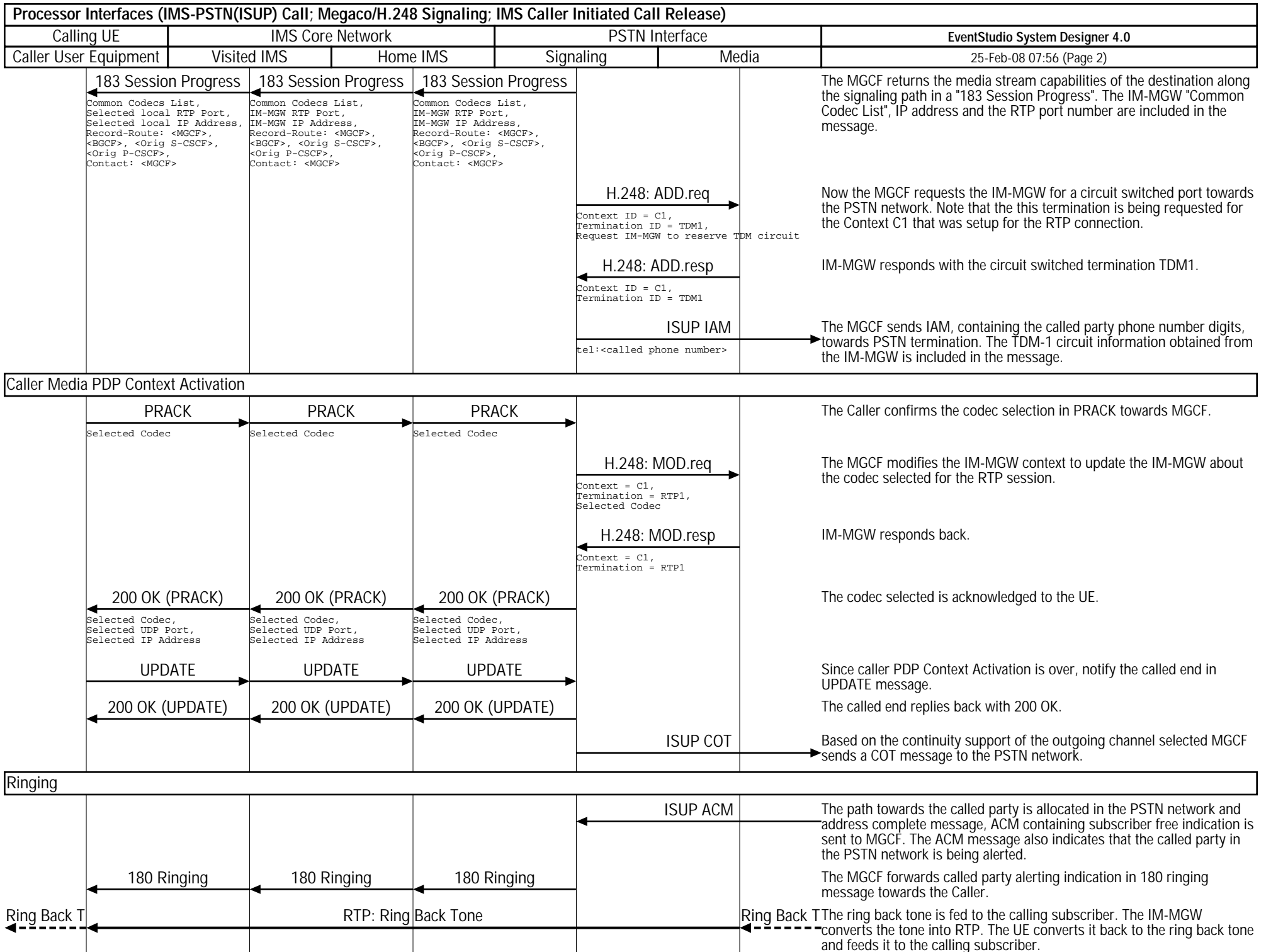


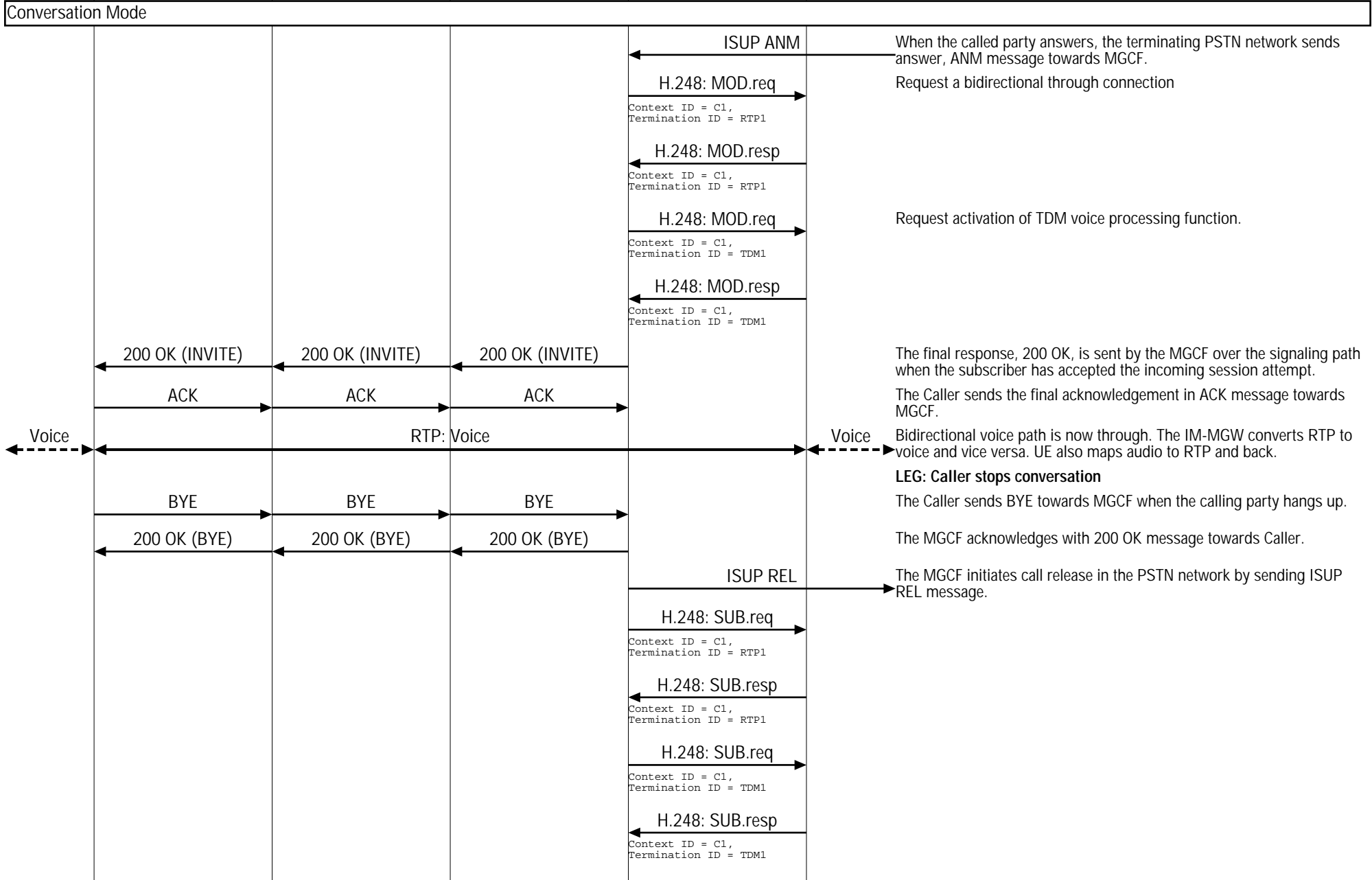
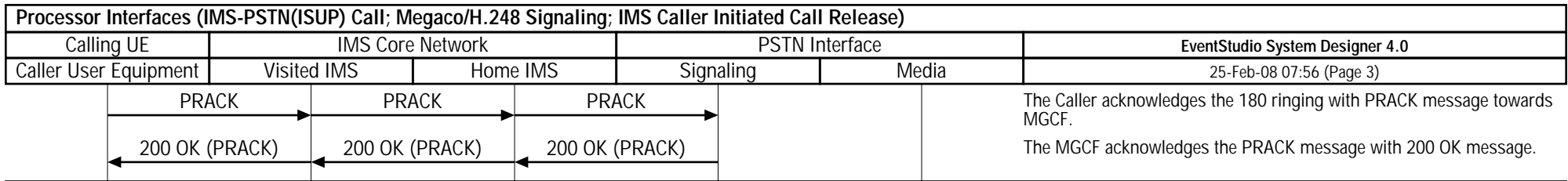
IMS to PSTN Call Routing via BGCF



IM-MGW Initial Setup







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← ISUP RLC
 The PSTN network acknowledges the call release with ISUP RLC, release complete towards MGCF.