

IMS Originating to PSTN ISUP Call (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 25-Feb-08 07:56 (Page 1)
Caller User Equipment	Visited IMS	Home IMS	Signaling		Media	
Caller	Orig P-CSCF	Orig S-CSCF	BGCF	MGCF	IM-MGW	

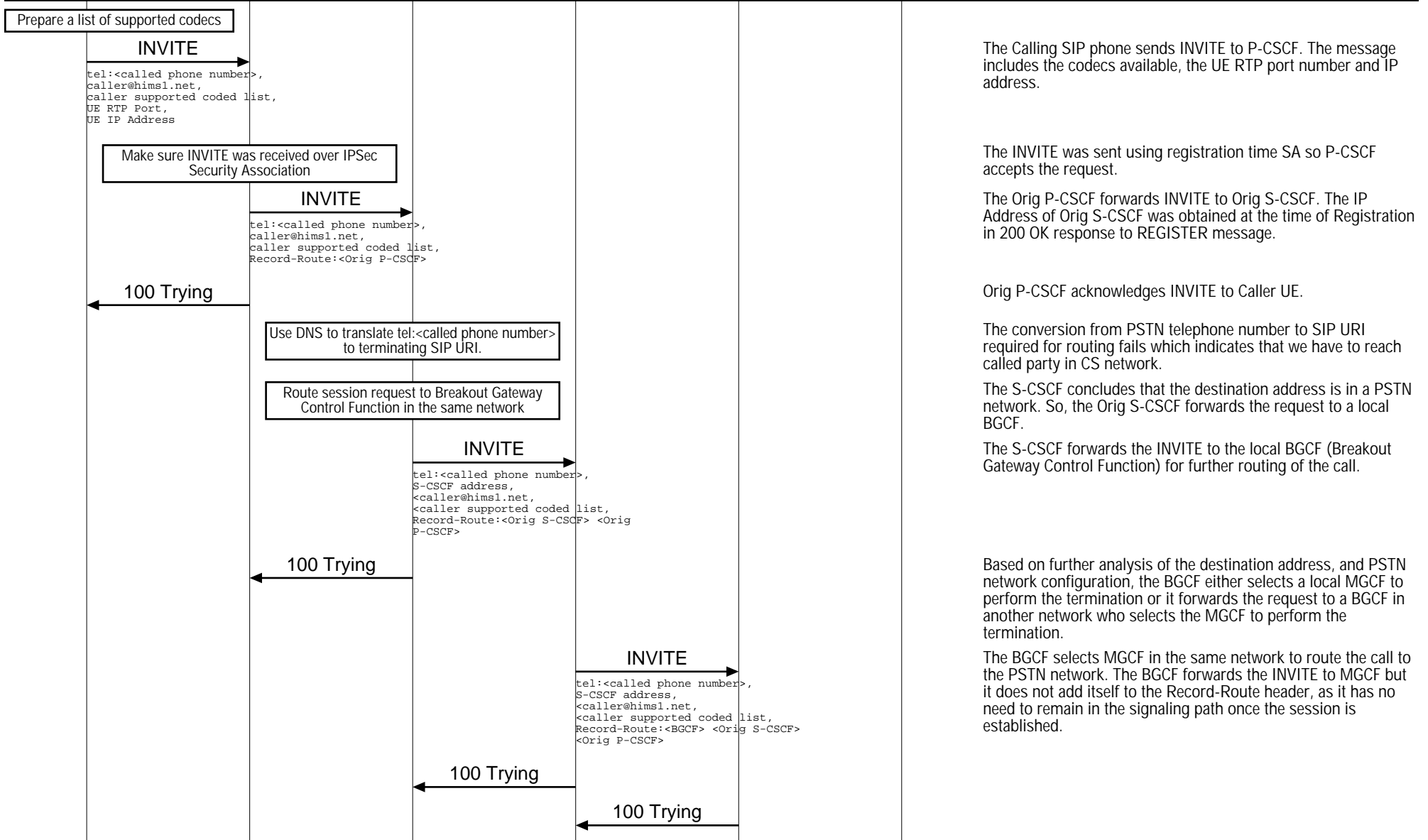
LEG: Detailed IMS to PSTN(ISUP) Call Setup

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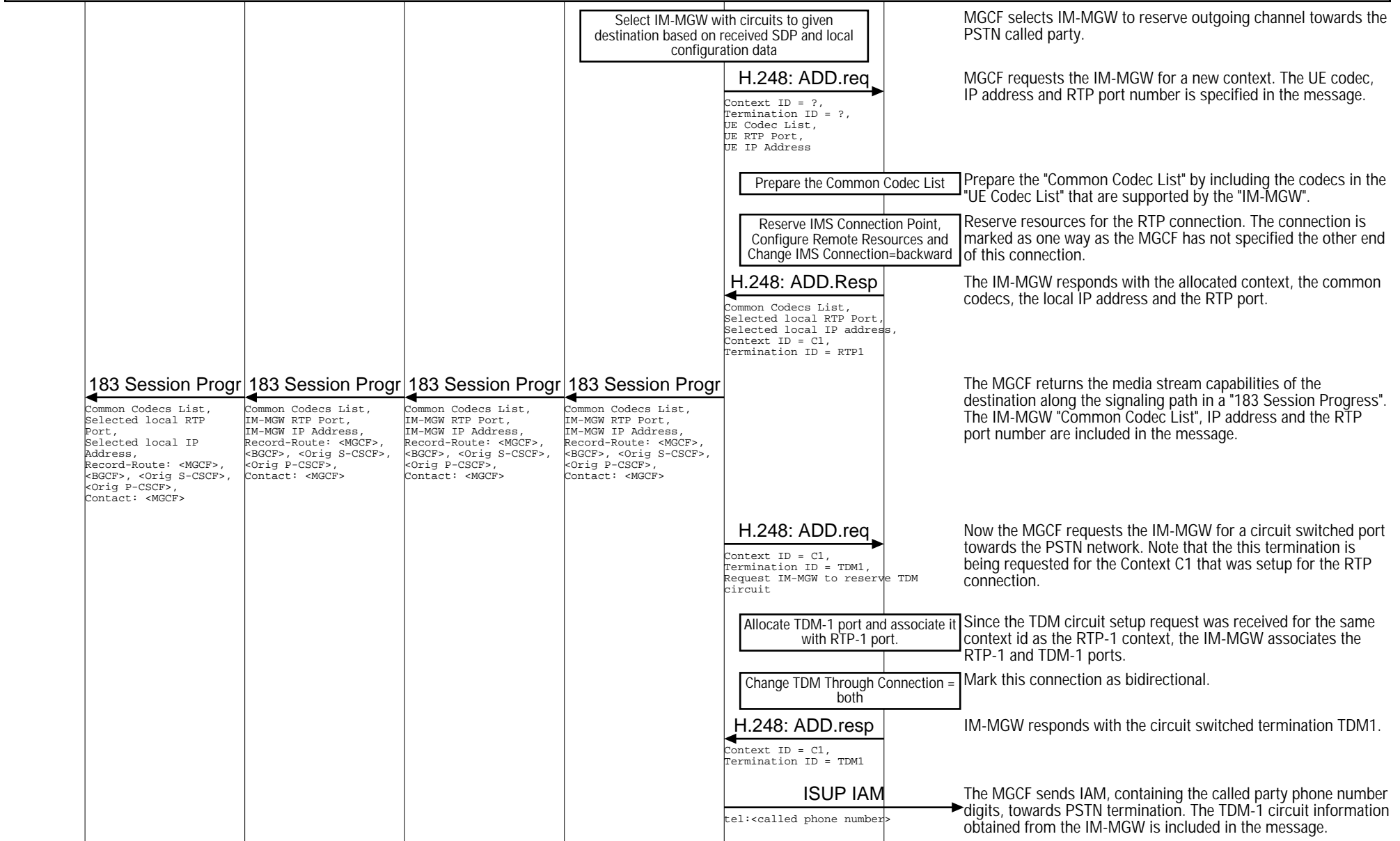
This call flow describes the call setup from one IMS subscriber to ISUP PSTN termination. The call is routed via the BGCF (Border Gateway Control Function) to the MGCF (Media Gateway Control Function). The MGCF uses one context with two terminations in IM-MGW (Media Gateway). The termination RTP1 is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

**Initiate Call**  
An IMS user initiates a call to a PSTN phone number.  
Called PSTN Telephone Number

**IMS to PSTN Call Routing via BGCF**



**IM-MGW Initial Setup**



**Caller Media PDP Context Activation**

