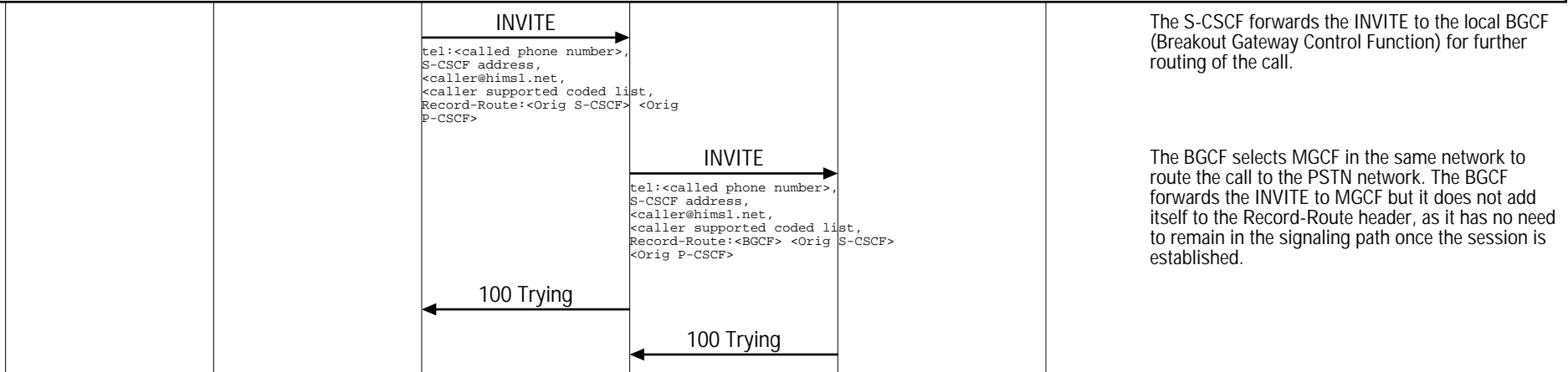


BGCF Interfaces (IMS-PSTN(ISUP) Call; Megaco/H.248 Signaling; IMS Caller Initiated Call Release)						
Calling UE	IMS Core Network		PSTN Interface			EventStudio System Designer 4.0
Caller User Equipment	Visited IMS	Home IMS	Signaling		Media	25-Feb-08 07:56 (Page 1)
Caller	Orig P-CSCF	Orig S-CSCF	BGCF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

LEG: Detailed IMS to PSTN(ISUP) Call Setup

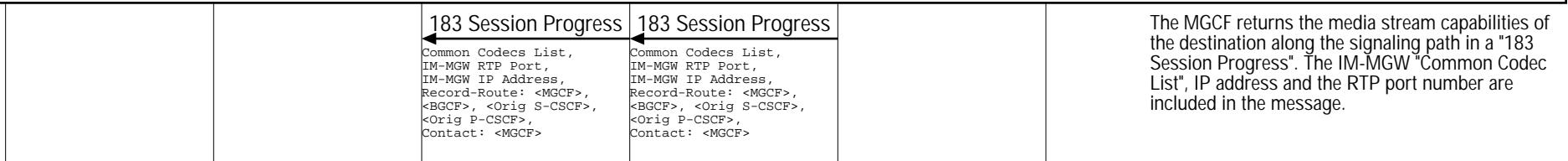
IMS to PSTN Call Routing via BGCF



The S-CSCF forwards the INVITE to the local BGCF (Breakout Gateway Control Function) for further routing of the call.

The BGCF selects MGCF in the same network to route the call to the PSTN network. The BGCF forwards the INVITE to MGCF but it does not add itself to the Record-Route header, as it has no need to remain in the signaling path once the session is established.

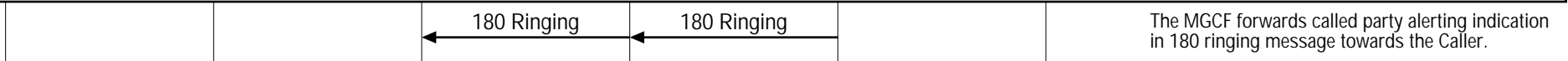
IM-MGW Initial Setup



The MGCF returns the media stream capabilities of the destination along the signaling path in a "183 Session Progress". The IM-MGW "Common Codec List", IP address and the RTP port number are included in the message.

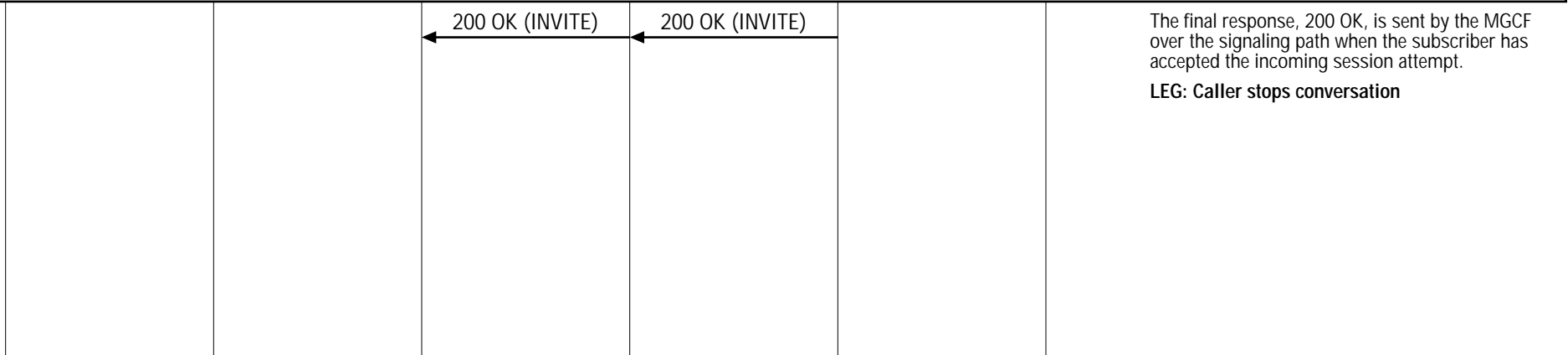
Caller Media PDP Context Activation

Ringing



The MGCF forwards called party alerting indication in 180 ringing message towards the Caller.

Conversation Mode



The final response, 200 OK, is sent by the MGCF over the signaling path when the subscriber has accepted the incoming session attempt.

LEG: Caller stops conversation