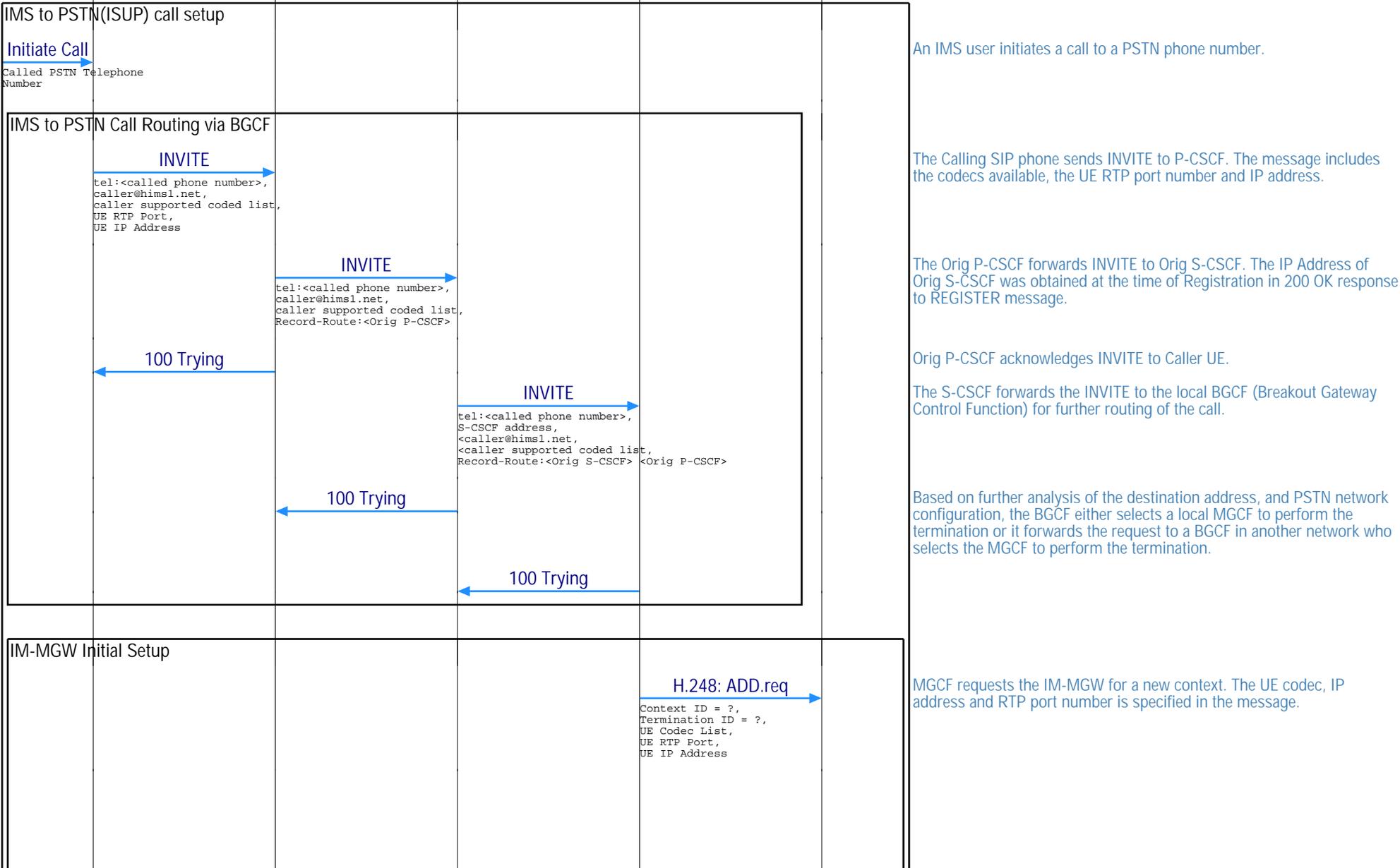


Component Interfaces (IMS-PSTN(ISUP) Call; Megaco/H.248 Signaling; IMS Caller Initiated Call Release)					
Calling UE	IMS Core Network		PSTN Interface		EventStudio System Designer 6
Caller User Equipment	Visited IMS	Home IMS	Signaling	Media	24-Feb-13 15:23 (Page 1)

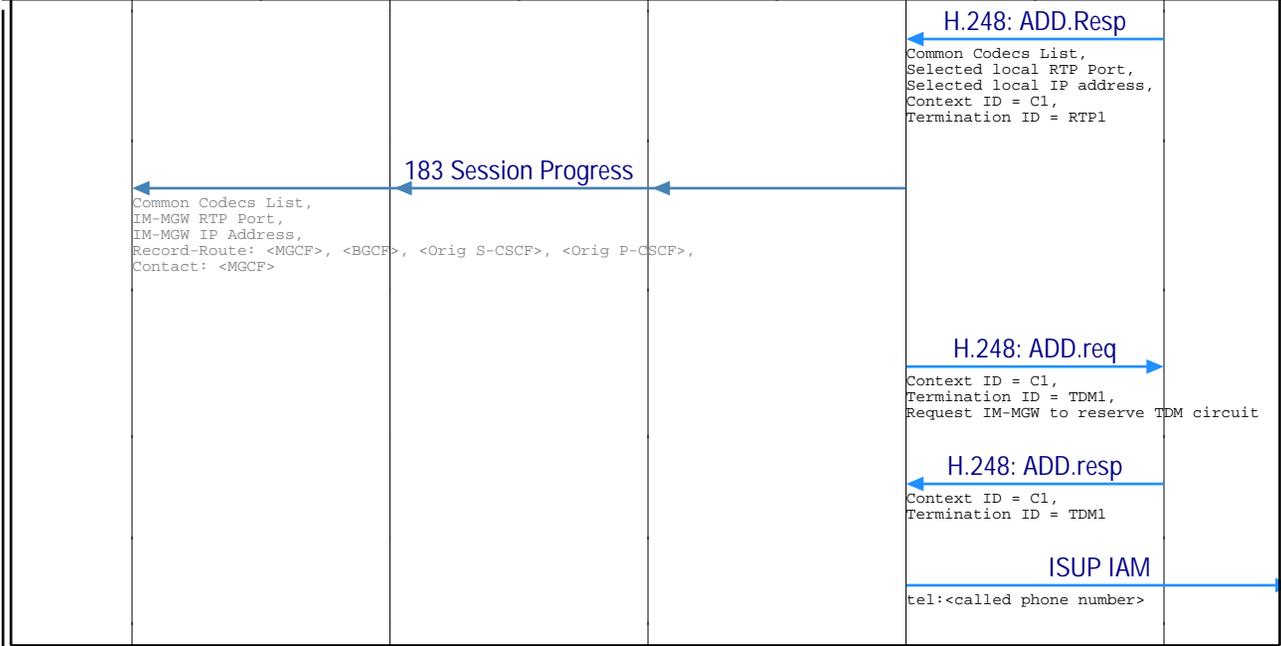
This call flow describes the call setup from one IMS subscriber to ISUP PSTN termination. The call is routed via the BGCF (Border Gateway Control Function) to the MGCF (Media Gateway Control Function). The MGCF uses one context with two terminations in IM-MGW (Media Gateway). The termination RTP1 is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

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).



**Component Interfaces (IMS-PSTN(ISUP) Call; Megaco/H.248 Signaling; IMS Caller Initiated Call Release)**

Calling UE	IMS Core Network		PSTN Interface		EventStudio System Designer 6
Caller User Equipment	Visited IMS	Home IMS	Signaling	Media	24-Feb-13 15:23 (Page 2)



The IM-MGW responds with the allocated context, the common codecs, the local IP address and the RTP port.

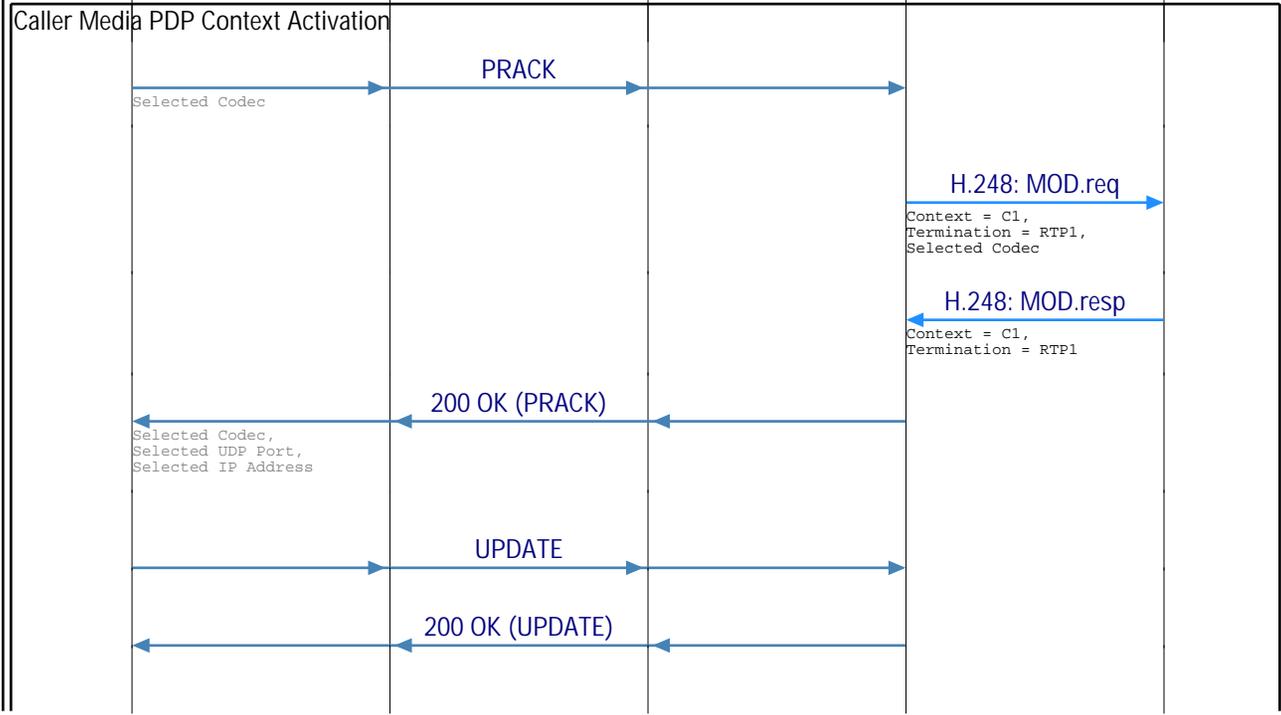
The MGCF returns the media stream capabilities of the destination along the signaling path in a "183 Session Progress". The IM-MGW "Common Codec List", IP address and the RTP port number are included in the message.

Now the MGCF requests the IM-MGW for a circuit switched port towards the PSTN network. Note that the this termination is being requested for the Context C1 that was setup for the RTP connection.

IM-MGW responds with the circuit switched termination TDM1.

The MGCF sends IAM, containing the called party phone number digits, towards PSTN termination. The TDM-1 circuit information obtained from the IM-MGW is included in the message.

**Caller Media PDP Context Activation**



The Caller confirms the codec selection in PRACK towards MGCF.

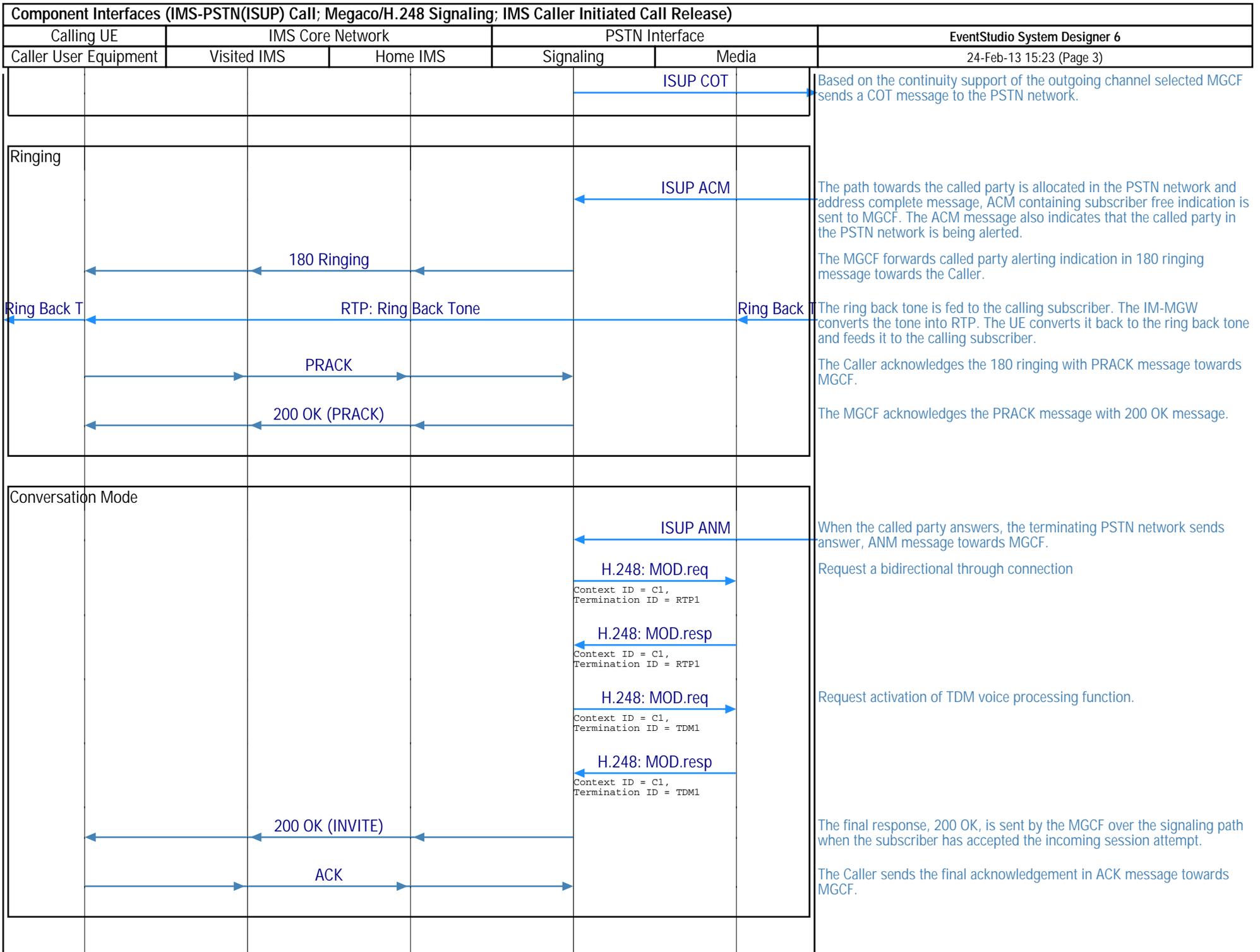
The MGCF modifies the IM-MGW context to update the IM-MGW about the codec selected for the RTP session.

IM-MGW responds back.

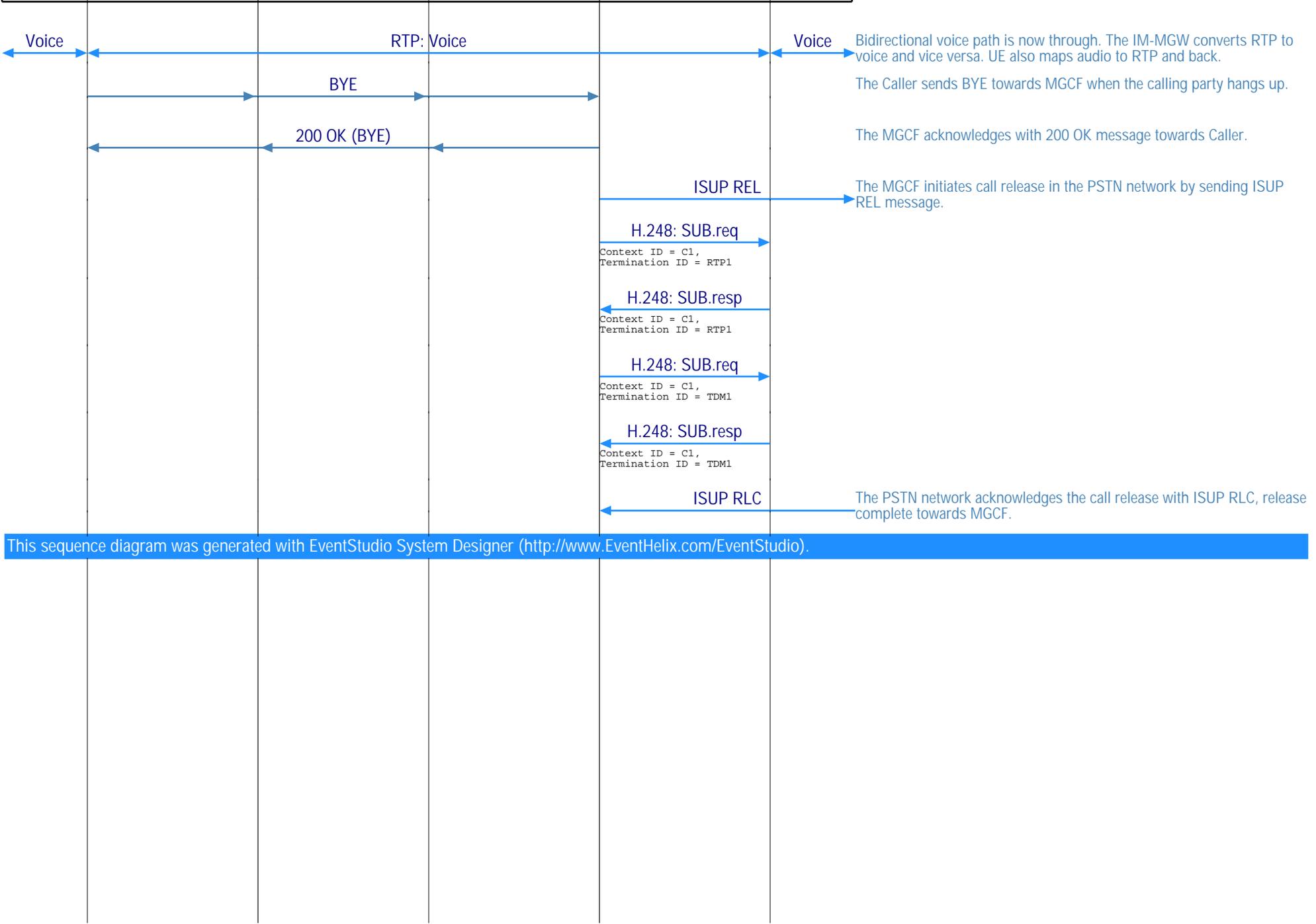
The codec selected is acknowledged to the UE.

Since caller PDP Context Activation is over, notify the called end in UPDATE message.

The called end replies back with 200 OK.



Component Interfaces (IMS-PSTN(ISUP) Call; Megaco/H.248 Signaling; IMS Caller Initiated Call Release)					
Calling UE	IMS Core Network		PSTN Interface		EventStudio System Designer 6
Caller User Equipment	Visited IMS	Home IMS	Signaling	Media	24-Feb-13 15:23 (Page 4)

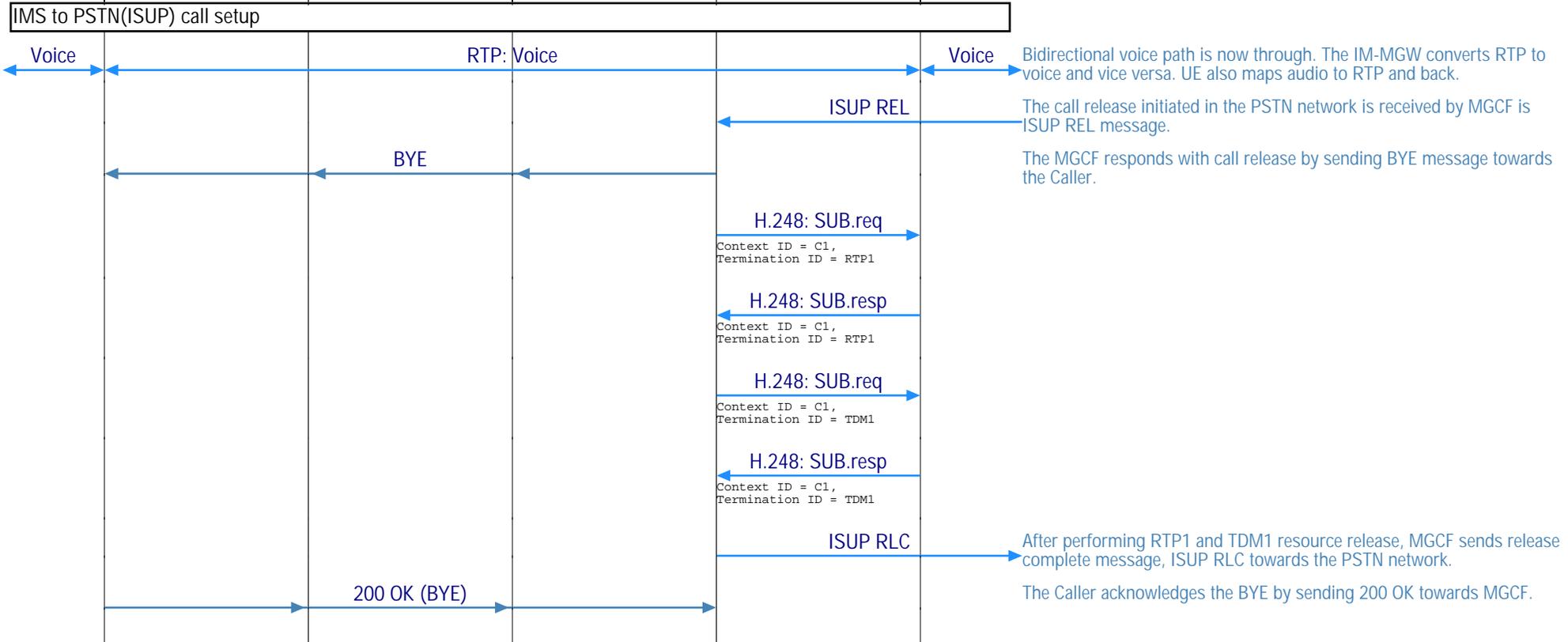


This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

Component Interfaces (Called PSTN Subscriber Initiates Release)					
Calling UE	IMS Core Network		PSTN Interface		EventStudio System Designer 6
Caller User Equipment	Visited IMS	Home IMS	Signaling	Media	24-Feb-13 15:23 (Page 5)

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.

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

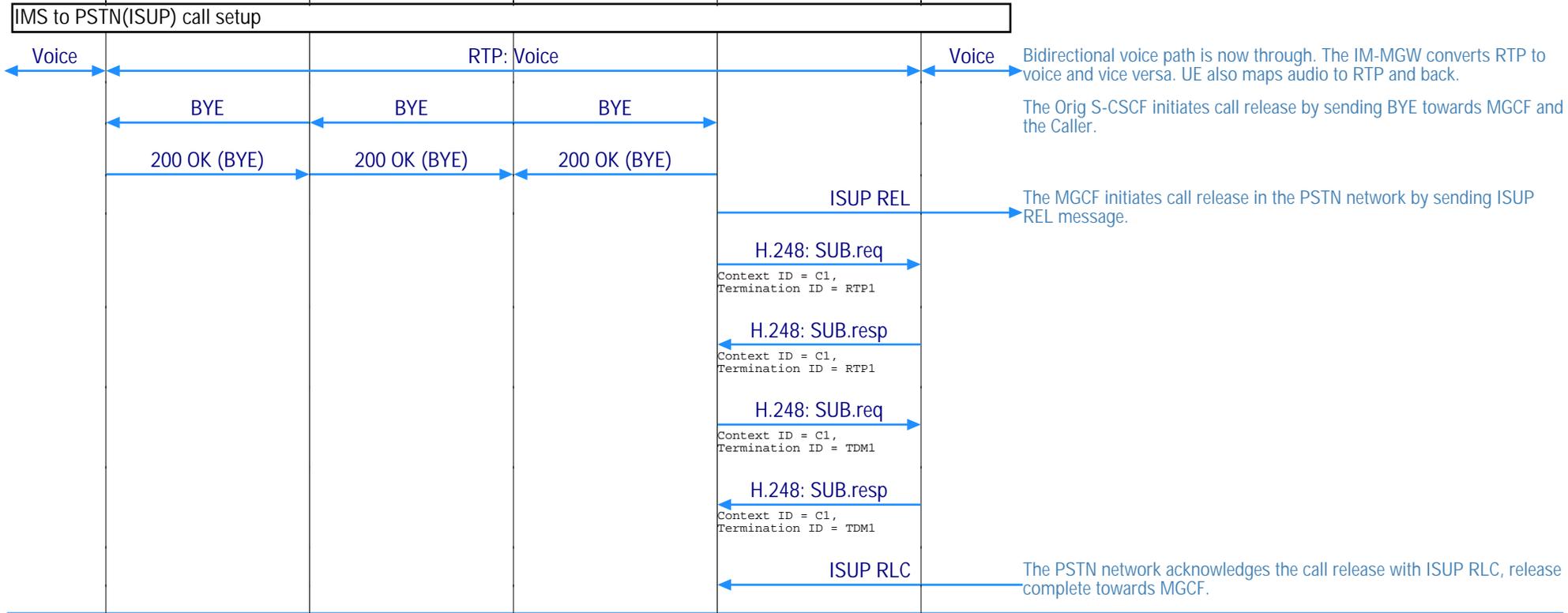


This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

Component Interfaces (IMS Network Initiates Call Release)					
Calling UE	IMS Core Network		PSTN Interface		EventStudio System Designer 6
Caller User Equipment	Visited IMS	Home IMS	Signaling	Media	24-Feb-13 15:23 (Page 6)

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.

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

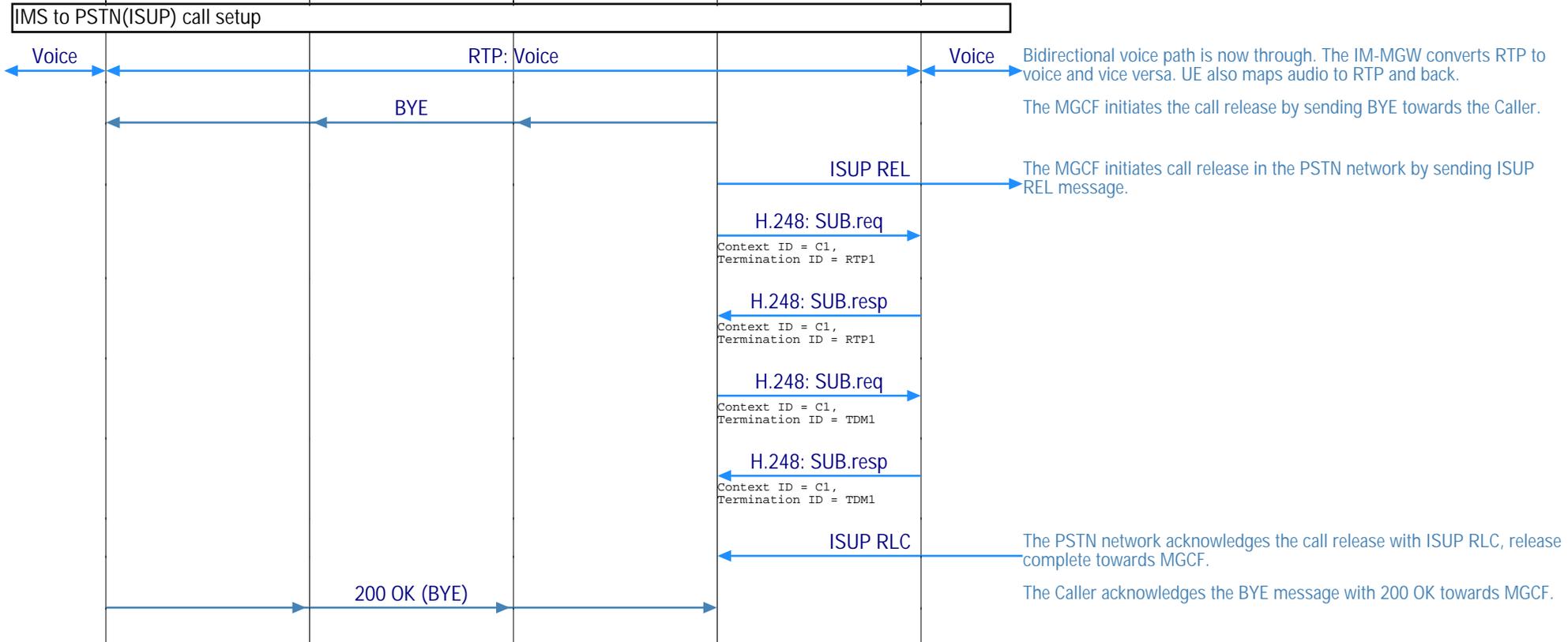


This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).

Component Interfaces (MGCF Initiated Call Release)					
Calling UE	IMS Core Network		PSTN Interface		EventStudio System Designer 6
Caller User Equipment	Visited IMS	Home IMS	Signaling	Media	24-Feb-13 15:23 (Page 7)

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.

This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).



This sequence diagram was generated with EventStudio System Designer (<http://www.EventHelix.com/EventStudio>).