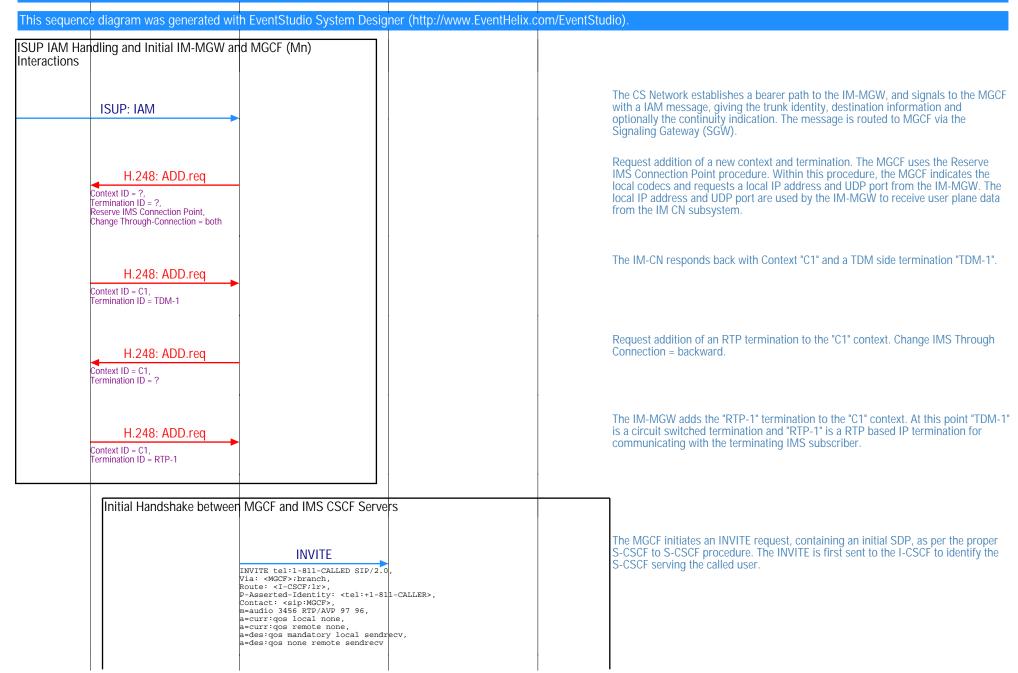
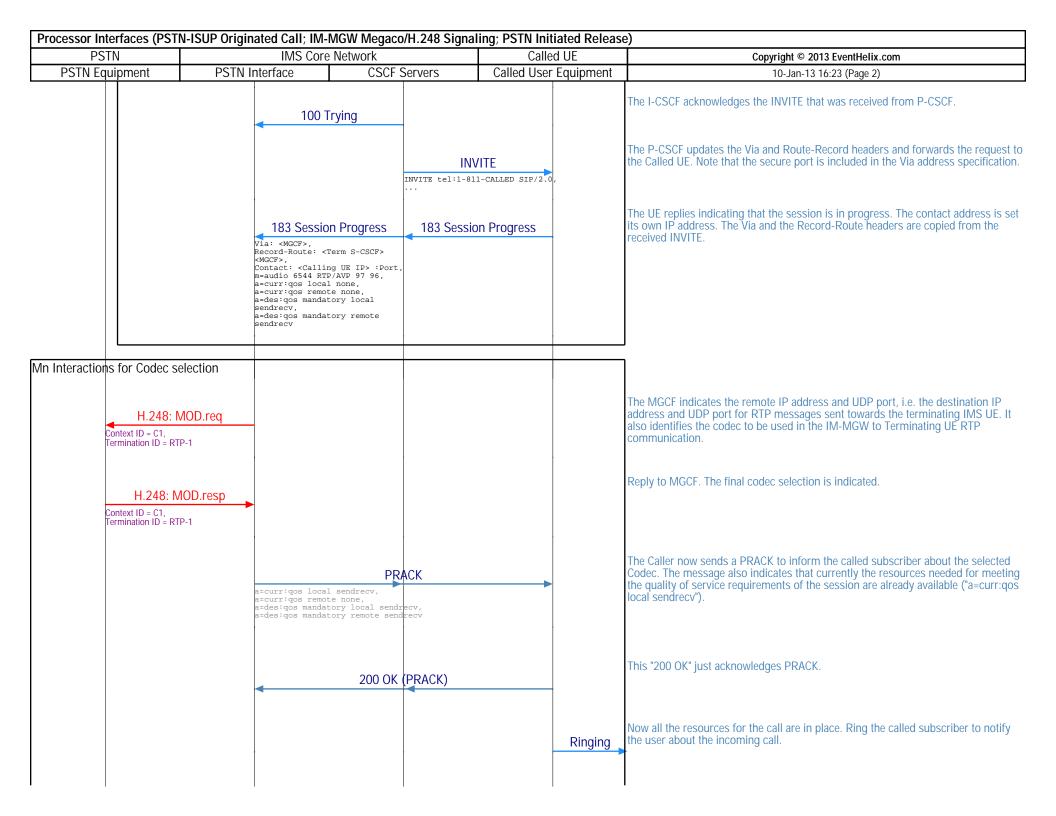
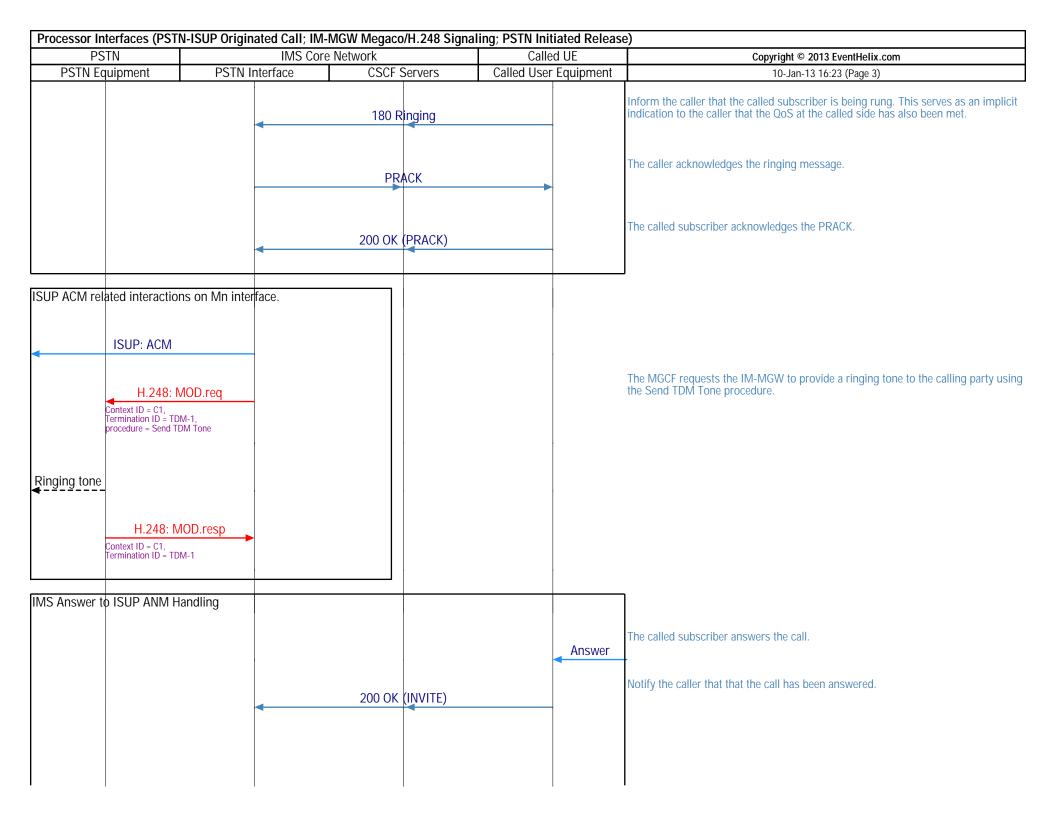
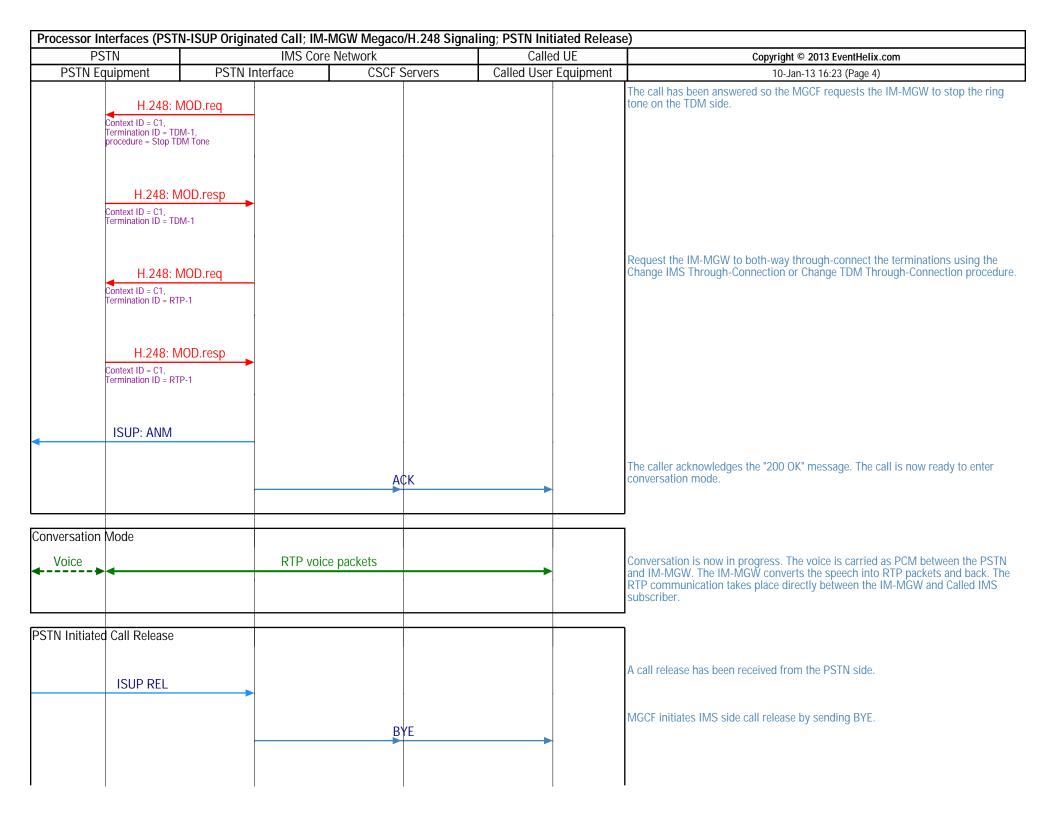
Processor Interfaces (PSTN-ISUP Originated Call; IM-MGW Megaco/H.248 Signaling; PSTN Initiated Release)						
PSTN	IMS Core	Network	Called UE	Copyright © 2013 EventHelix.com		
PSTN Equipment	PSTN Interface	CSCF Servers	Called User Equipment	10-Jan-13 16:23 (Page 1)		

This call flow covers the handling of a CS network originated call with ISUP. In the diagram the MGCF requests seizure of the IM CN subsystem side termination and CS network side bearer termination. When the MGCF receives an answer indication, it requests the IM-MGW to both-way through-connect the terminations.









PSTN	IMS Core	Network	Calle	d UE	Copyright © 2013 EventHelix.com
PSTN Equipment	PSTN Interface	CSCF Servers	Called User		10-Jan-13 16:23 (Page 5)
				Call release	The called subscriber is notified that the call has been released.
H.248: SU	JB.req				Request IM-MGW to Release TDM Termination. A Megaco SUBtract request is s to release the PSTN side TDM circuit.
H.248: SU Context ID = C1, Termination ID = TDM	B.resp				IM-MGW acknowledges.
H.248: SU Context ID = C1, Termination ID = RTP1					Request IM-MGW to Release RTP Termination. A Megaco SUBtract request is so to release the IMS side RTP termination.
H.248: SU Context ID = C1, Termination ID = RTP1					IM-MGW acknowledges.
ISUP RLC					MGCF signals ISUP Release Complete to the PSTN network.
	4	200 OK (BYE)			Acknowledge the BYE that was received from the IMS network.
sequence diagram was g	enerated with EventStudio	System Designer (http://w	ww.EventHelix.c	om/EventStuc	dio).

PSTN	IMS Core	e Network	Called UE	Copyright © 2013 EventHelix.com
PSTN Equipment	PSTN Interface	CSCF Servers	Called User Equipment	10-Jan-13 16:23 (Page 6)
				seizure of the IM CN subsystem side termination and CS network side ph-connect the terminations.
sequence diagram was	generated with EventStudio	System Designer (http://w	ww.EventHelix.com/EventStu	ıdio).
IAM Handling and Initi actions	al IM-MGW and MGCF (Mn)		
Initial Hands	hake between MGCF and IN	AS CSCF Servers		
nteractions for Codec s	election			
ACM related interactio	ns on Mn interface.			
Answer to ISUP ANM H	landling			
ersation Mode				
Subsciber Initiates Cal	I Release			
			Çall Release	Called subscriber decides to release the call.
		вує		BYE is sent to initiate the call.
	◀	DIE		
		300 OK (B//E)		MGCF acknowledges the receipt of the BYE message.
		200 OK (BYE)	-	
ICUD DEI				An ISUP Release message is sent to the PSTN.
ISUP REL				
H.248: S	UB.req			Request IM-MGW to Release RTP Termination. A Megaco SUBtract request is to release the IMS side RTP termination.
Context ID = C1, Termination ID = RTP				
				IM-MGW acknowledges.
H.248: SI	JB.resp			IIIVI-IVIOVV ackilowicayes.
Context ID = C1, Termination ID = RTP	1			

PSTN	IMS Cor	e Network	Called UE	Copyright © 2013 EventHelix.com
PSTN Equipment	PSTN Interface	CSCF Servers	Called User Equipment	10-Jan-13 16:23 (Page 7)
H.248: S Context ID = C1, Termination ID = TDI	SUB.req			Request IM-MGW to Release TDM Termination. A Megaco SUBtract request is set to release the PSTN side TDM circuit.
H.248: S Context ID = C1, Termination ID = TDI				IM-MGW acknowledges.
ISUP RLC	VII			ISUP Release complete is received from the PSTN side.
sequence diagram was	generated with EventStudio	System Designer (http://	www.EventHelix.com/EventSt	tudio).