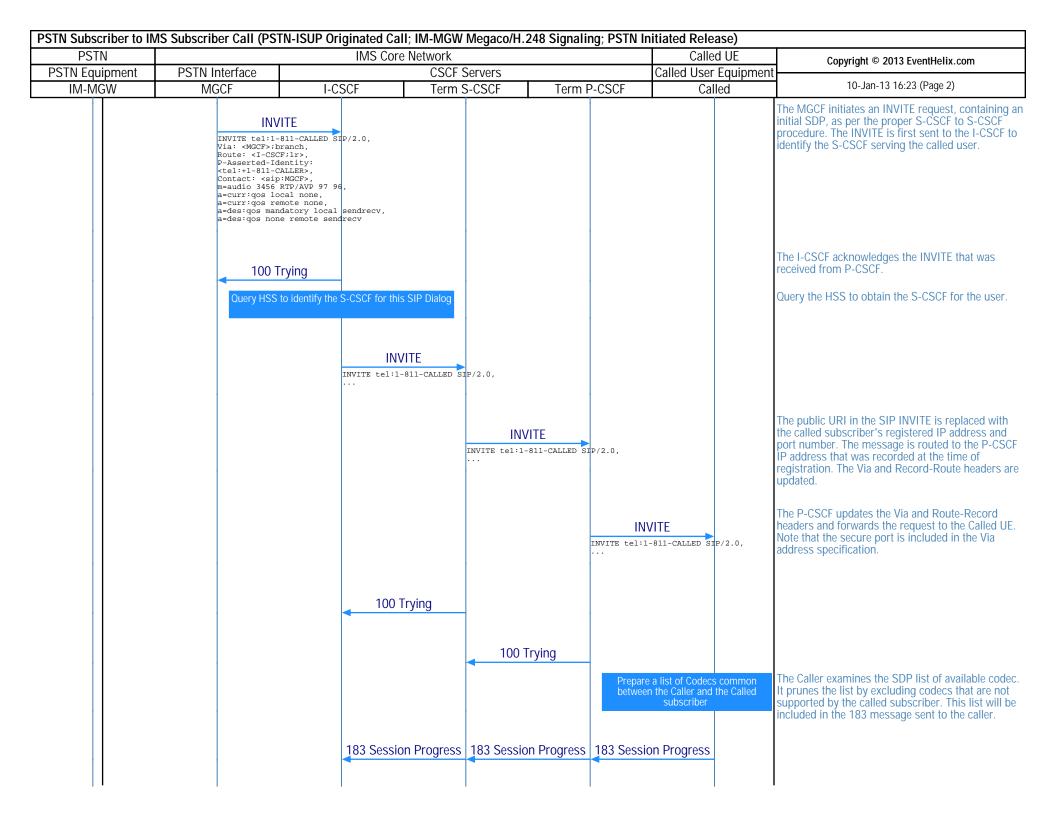
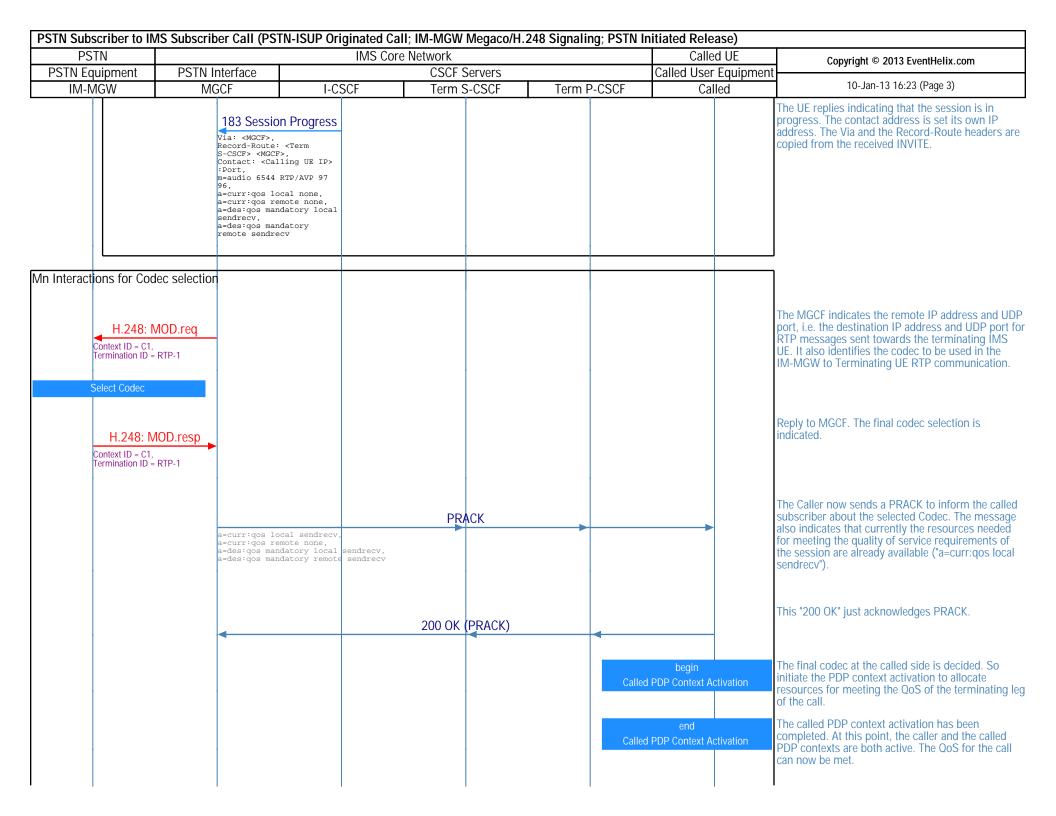
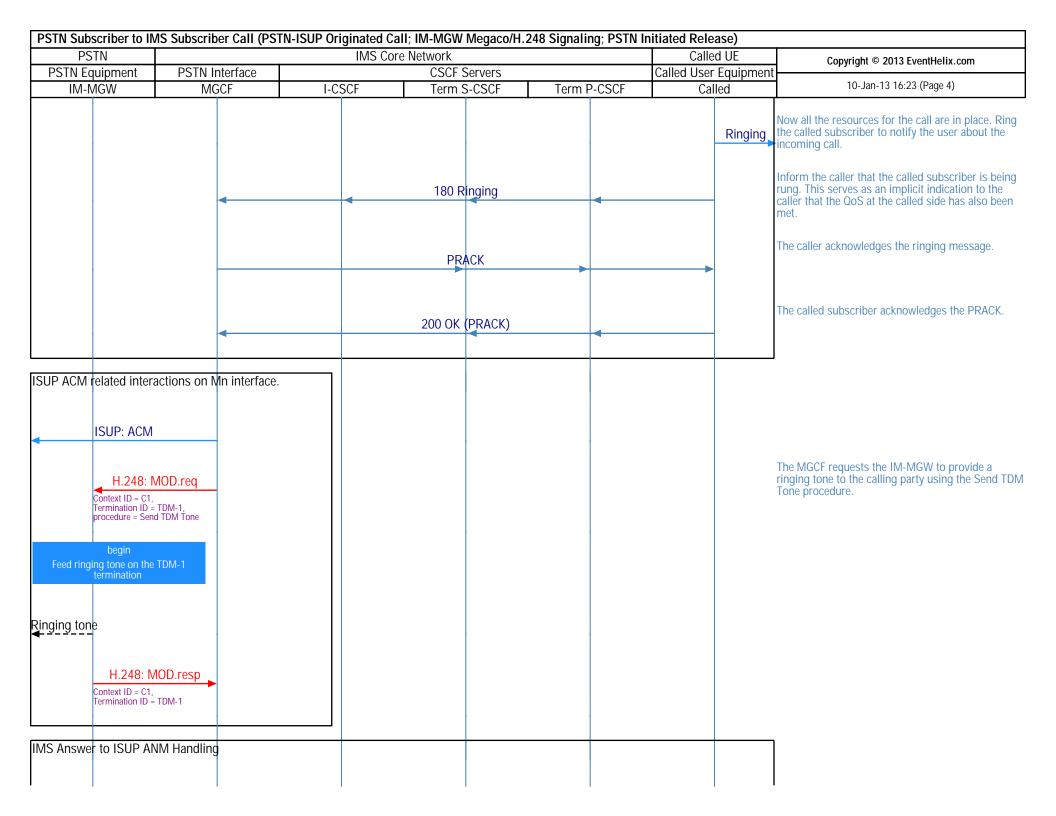
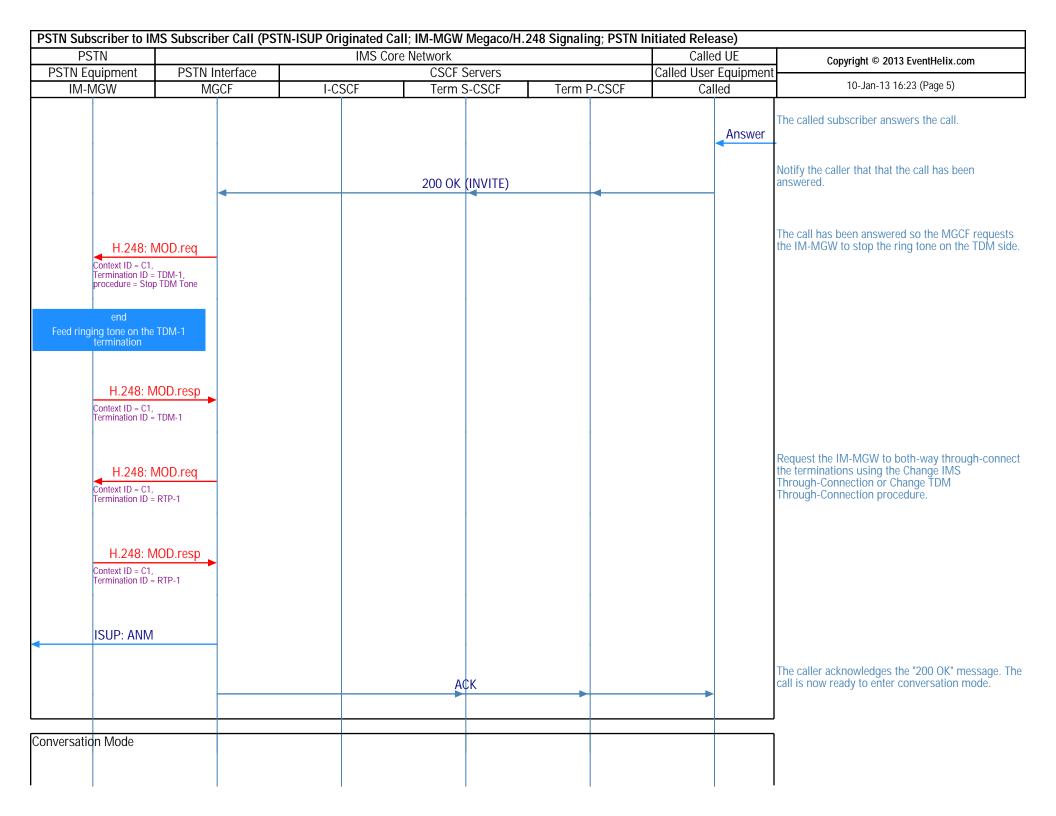
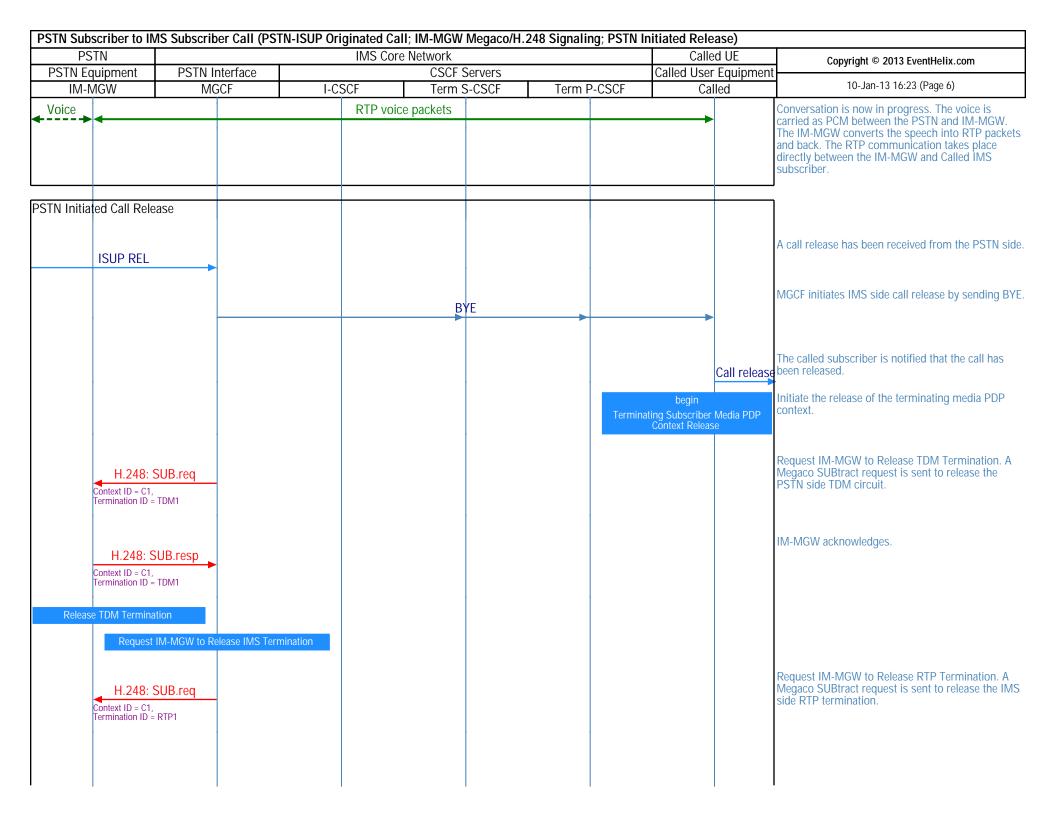
PSTN Subscriber to IMS Subscriber Call (PSTN-ISUP Originated Call; IM-MGW Megaco/H.248 Signaling; PSTN Initiated Release)											
PSTN	DOTAL:	IMS Cor	Called UE	Copyright © 2013 EventHelix.com							
PSTN Equipment	PSTN Interface	CSCF Servers			Called User Equipment	10-Jan-13 16:23 (Page 1)					
IM-MGW	MGCF	I-CSCF	Term S-CSCF	Term P-CSCF	Called	<del>-</del>					
This call flow covers the	e handling of a CS netwo en the MGCF receives an	ork originated call with	ISUP. In the diagram the	ne MGCF requests seizu	re of the IM CN subsyste	m side termination and CS network side					
				3	incer the terminations.						
This sequence diagram	was generated with Eve	entStudio System Desiç	ner (http://www.EventH	elix.com/EventStudio).							
ISUP IAM Handling and Interactions	I Initial IM-MGW and MC	GCF (Mn)									
ISUP: IAM						The CS Network establishes a bearer path to the IM-MGW, and signals to the MGCF with a IAM message, giving the trunk identity, destination information and optionally the continuity indication. The message is routed to MGCF via the Signaling Gateway (SGW).					
	Select IM-MGW					The MGCF selects the IM-MGW based on the received circuit identity in the IAM.					
Context ID = ?, Termination ID = Reserve IMS Cor	ADD.req  ?, nnection Point, -Connection = both					Request addition of a new context and termination. The MGCF uses the Reserve IMS Connection Point procedure. Within this procedure, the MGCF indicates the local codecs and requests a local IP address and UDP port from the IM-MGW. The local IP address and UDP port are used by the IM-MGW to receive user plane data from the IM CN subsystem.					
H.248: / Context ID = C1, Termination ID =						The IM-CN responds back with Context "C1" and a TDM side termination "TDM-1".					
H.248: / Context ID = C1, Termination ID =						Request addition of an RTP termination to the "C1" context. Change IMS Through Connection = backward.					
H.248: / Context ID = C1, Termination ID =	ADD.req RTP-1					The IM-MGW adds the "RTP-1" termination to the "C1" context. At this point "TDM-1" is a circuit switched termination and "RTP-1" is a RTP based IP termination for communicating with the terminating IMS subscriber.					
Initial Har	ndshake between MGCF	and IMS CSCF Servers									
		2000									
	1										

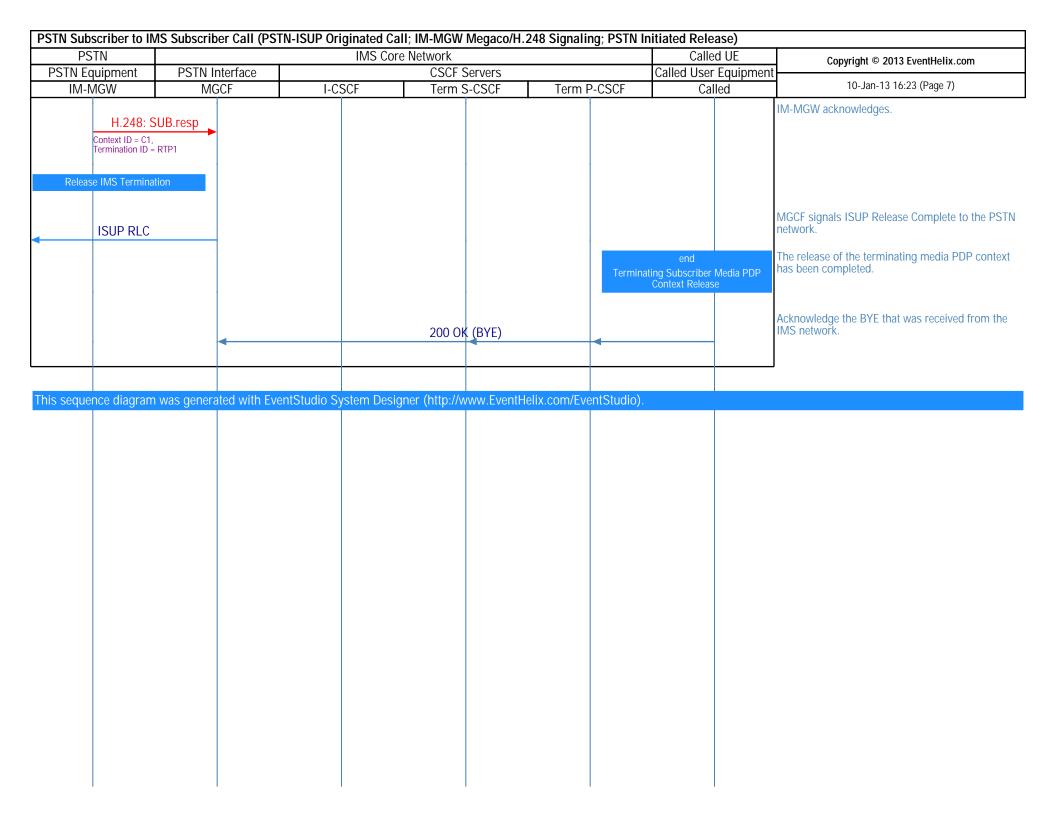












PSTN		Called UE	Copyright © 2013 EventHelix.com			
PSTN Equipment IM-MGW	PSTN Interface MGCF	CSCF Servers			Called User Equipment	t <del> </del>
		I-CSCF	Term S-CSCF	Term P-CSCF	Called	10-Jan-13 16:23 (Page 8)
his call flow covers th	e handling of a CS netw	ork originated call wit	h ISUP. In the diagram t	he MGCF requests seizi	ure of the IM CN subsyste	em side termination and CS network side
earer termination. Wh	en the MGCF receives a	n answer indication, it	requests the IM-MGW	to both-way through-co	nnect the terminations.	
his seguence diagram	was generated with Eve	entStudio System Des	igner (http://www.Eventl	Helix com/EventStudio)		
SUP IAM Handling and	d Initial IM-MGW and M	1GCF				
Mn) Interactions	<u> </u>					
Initial Har	ndshake between MGCF	and IMS CSCF Server	S			
In Interactions for Co	dec selection		,			
SLIP ACM related inter	ractions on Mn interface	7				
		<u></u>				
MS Answer to ISUP A	NM Handling	<u> </u>	<u> </u>	·		
Conversation Mode	<del></del>	<del></del>		<del></del>		
alled Subsciber Initiate	es Call Release					
						Called subscriber decides to release the call.
					Call Release	
					4	Since the call has been released, the resource
				Tormin	Dogin	aguired for the call need to be released. Initia
				Terrina	ating Subscriber Media PDP Context Release	release of the terminating media PDP context
						BYE is sent to initiate the call.
	4		ВҮЕ			
					end	The release of the terminating media PDP cor
				Termina	ating Subscriber Media PDP	has been completed.
					Context Release	
						MOOF 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			200 QK (BYE)			MGCF acknowledges the receipt of the BYE message.
			200 OK (BTL)	•	<b></b>	eedge.
						An ISUP Release message is sent to the PSTI
ISUP REL						
						Request IM-MGW to Release RTP Terminatio
H.248: S	SUB.req					Megaco SUBtract request is sent to release th side RTP termination.

