SMS-GMSC Interfaces (GSM Mobile Terminated GSM)												
			Mobile Network	EventStudio System Designer 6								
М	lobile Switching Cent	er I HI	NSS LR SMS	-GMSC	Servic	e Center						
MS		MSC HI			-TL-SC	SC	21-Jan-14 16:59 (Page 1)					
In this o	call flow we will lo	ook at how a term	ninating SMS is h	nandled in GSM.	Setting u	up a terminating S	SMS session is a multi-step process.					
(1) Interrogate the MSC to locate the subscriber												
(2)Setting SMS session setup and acquiring radio resources												
(3) Sending the SMS.												
(4) Releasing the session and associated radio resources.												
				Short Mes	-	nsfer	Once the GMSC has been identified, SC forwards the Short Message to it.					
				Destination Mobile Short message dat	a.							
				Send status report								
Interrog	ate the MSC to lo	cate the subscrib	her				1					
menog												
				_			The SMS-GMSC requests routing information for the GSM subscriber from HLR.					
			Destination Mobile N	vumber								
		MAP/C SEND	ROUTING INFO	FOR SM ACK			HLR passes the MSRN to the GMSC.					
			MSRN									
	MAP FOR	WARD SHORT I	NESSAGE	_			The GMSC uses the MSRN to route the SMS call to Maryland MSC VLR.					
	WISKIN											
The ne	etwork pages the	MS with the star	ndard paging pro	ocedure.								
Begir	n RR Conne	ction Estab	lishment			·						
							LEG: Initiate Authentication Procedure					
Enab	le Ciphering	9										
SMS sent from SC to Mobile												
SING						1						
				SM RL DATA R	eq		The Service Center (SC) now sends the SMS to the GMSC.					
				SMS Deliver								
		SMRLD	ATA Req				The GMSC now sends the SMS to the MSC.					
		SMS Deliver		-								
		ente Bontor										

SMS-GN	SMS-GMSC Interfaces (GSM Mobile Terminated GSM)											
				N	Nobile Network	EventStudio System Designer 6						
NSS Mobile Switching Center HLR SMS-GMSC Service Center												
MS		SM-RI	MSC	HLR	SMS	S-GMSC	SM-T		SC	21-Jan-14 16:59 (Page 2)		
				M-RL-REPC			•			This message signals to the GMSC that the SMS has been		
				TUS-REPORT						This message signals to the GMSC that the SMS has been delivered to the terminating mobile.		
	MAP F	-ORW	ARD SH	ORT MESS	AGE ACK							
						Delivery Report			The SMS Delivery report is now forwarded to the SC.			
			I					l	I			