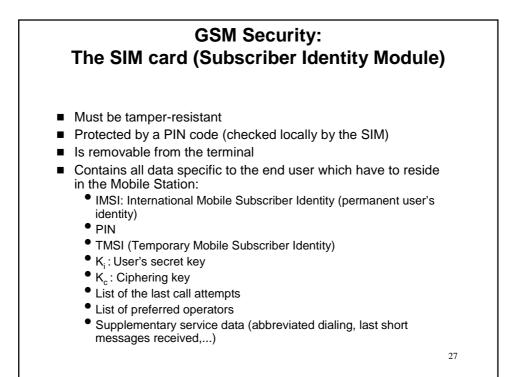
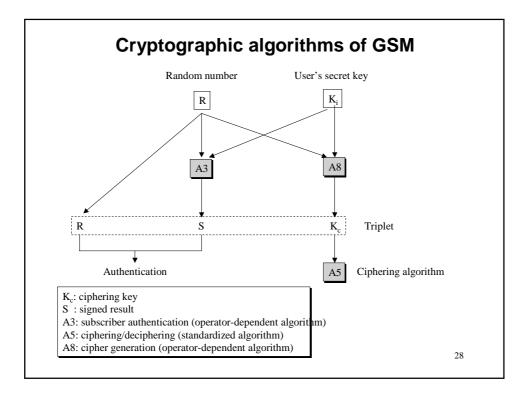
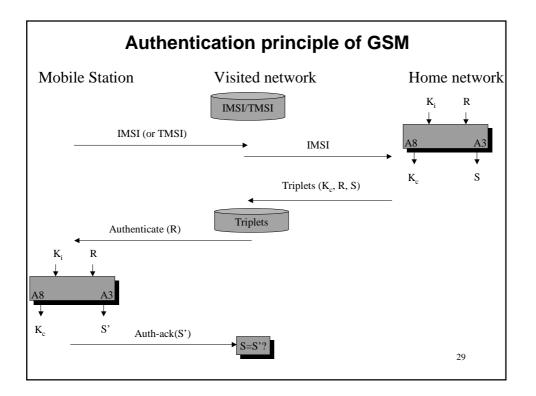
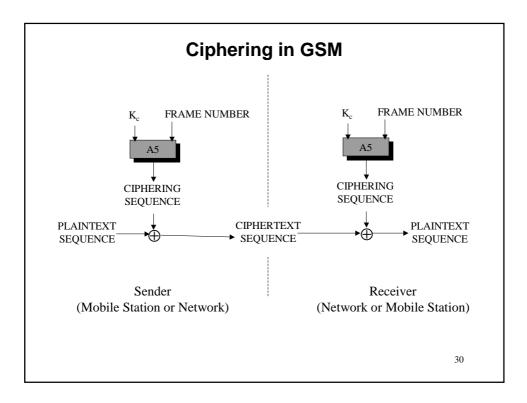


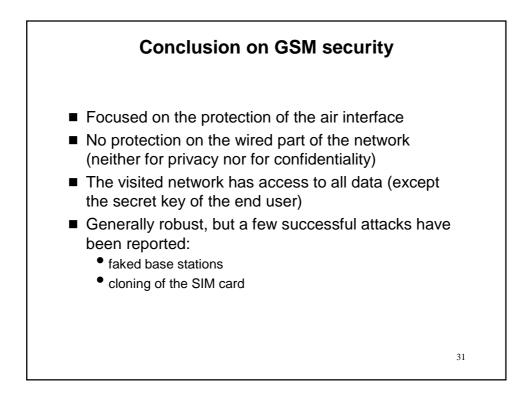
GSM Frequencies				
			COM (USA)	1
	GSM (Europe)	DCS (Europe)	GSM (USA)	
Frequency band	890-915 MHz	1710-1785 MHz	1850-1910 MHz	
	935-960 MHz	1805-1880 MHz	1930-1990 MHz	
	935-900 MHZ	1805-1880 WHIZ	1950-1990 WIIIZ	
		inciples as GSM, but a		ited
DCS = Digital Cellu for microcells				iited
				ited
				ited
				ited

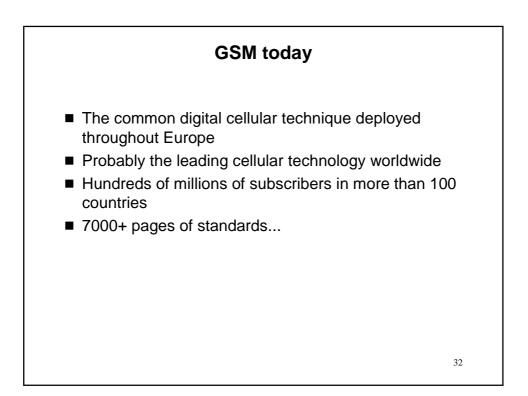


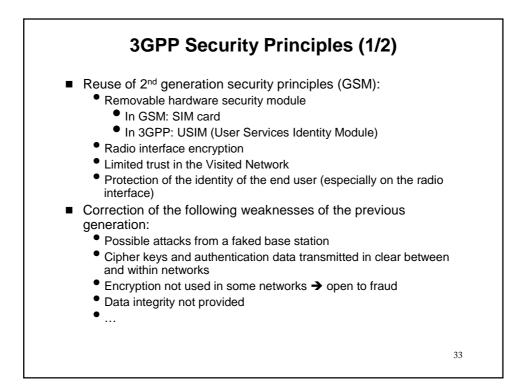


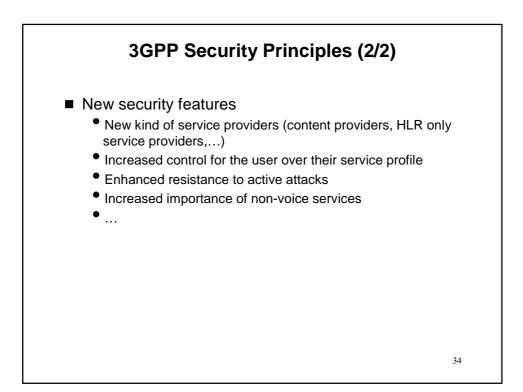


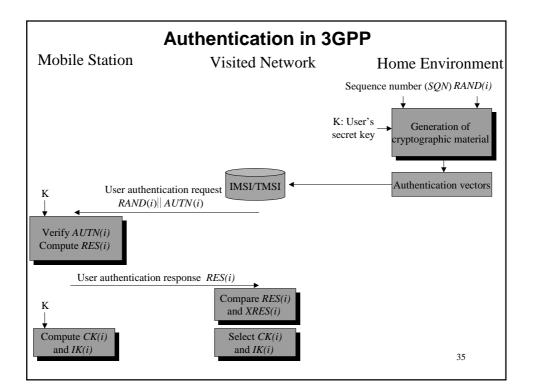


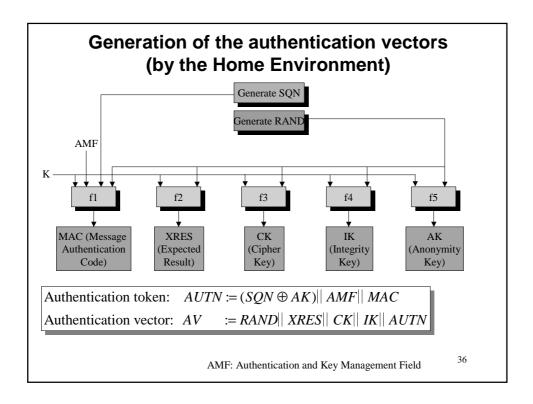


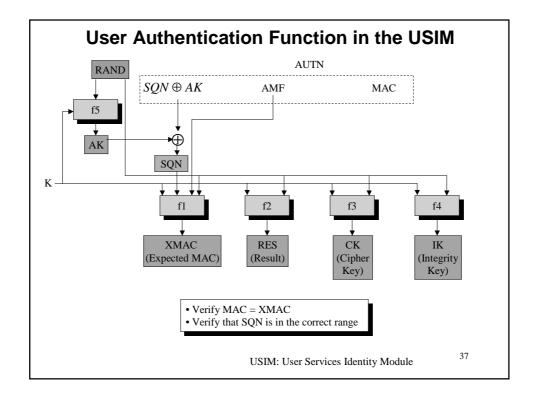


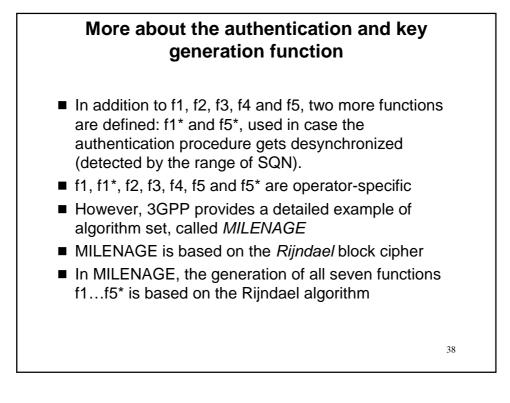


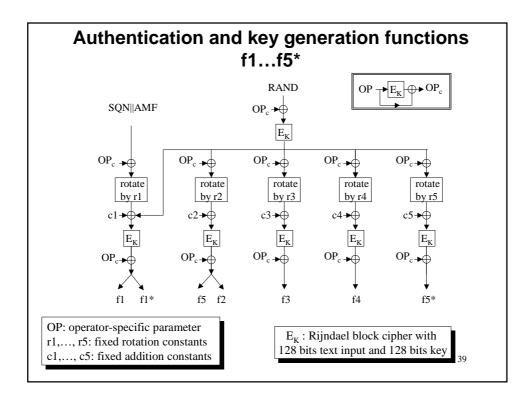


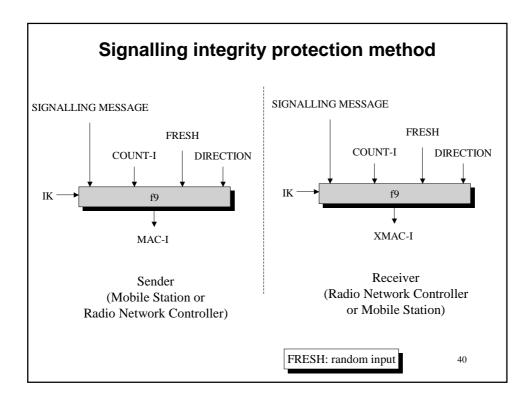


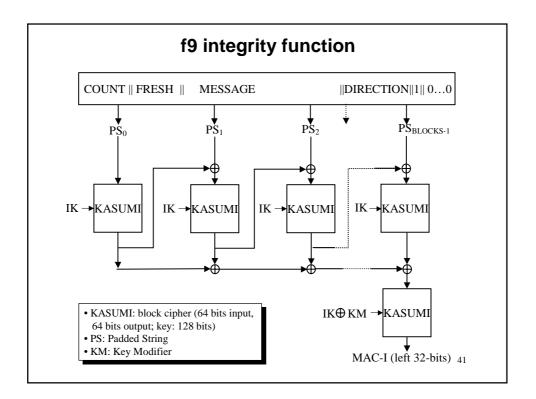


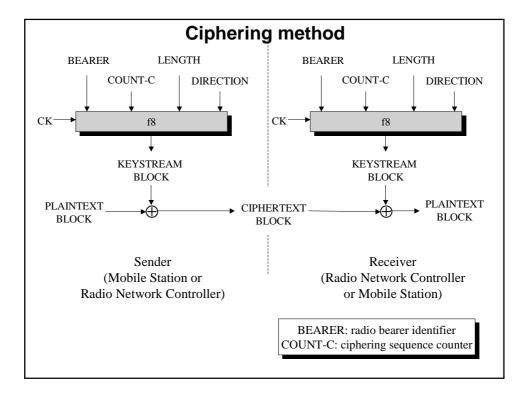


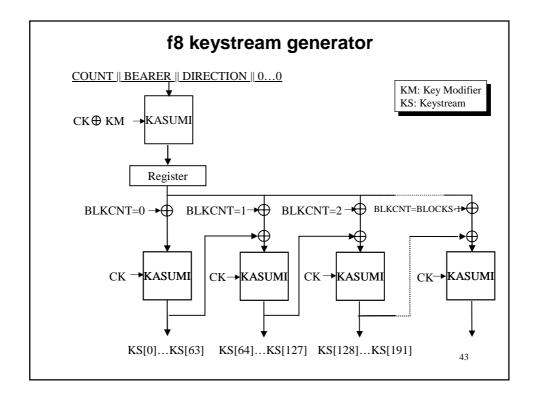


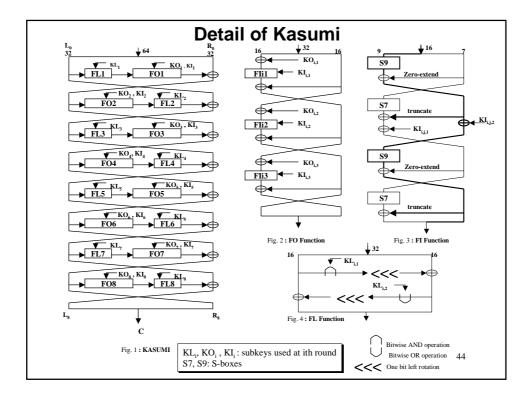












	3GPP	Mobile IP		
Key management	Manual (K _{MH}) + roaming agreements	Manual or via the Internet Key Exchange (IKE)		
Session key	Authentication vector	Registration key		
Authentication	f1,, f5* (e.g. MILENAGE)	AH		
Data integrity	f9 (Kasumi)	AH		
Confidentiality	f8 (Kasumi)	ESP		
Location privacy				
wrt correspondents	Yes	Yes (e.g., with rev. tunnelling)		
wrt foreign domain	No (it can require the IMSI)	Partial		
Protection of foreign domain against repudiation by user	No (cryptographic material provided in advance)	?		
Lawful interception	Yes	-		

