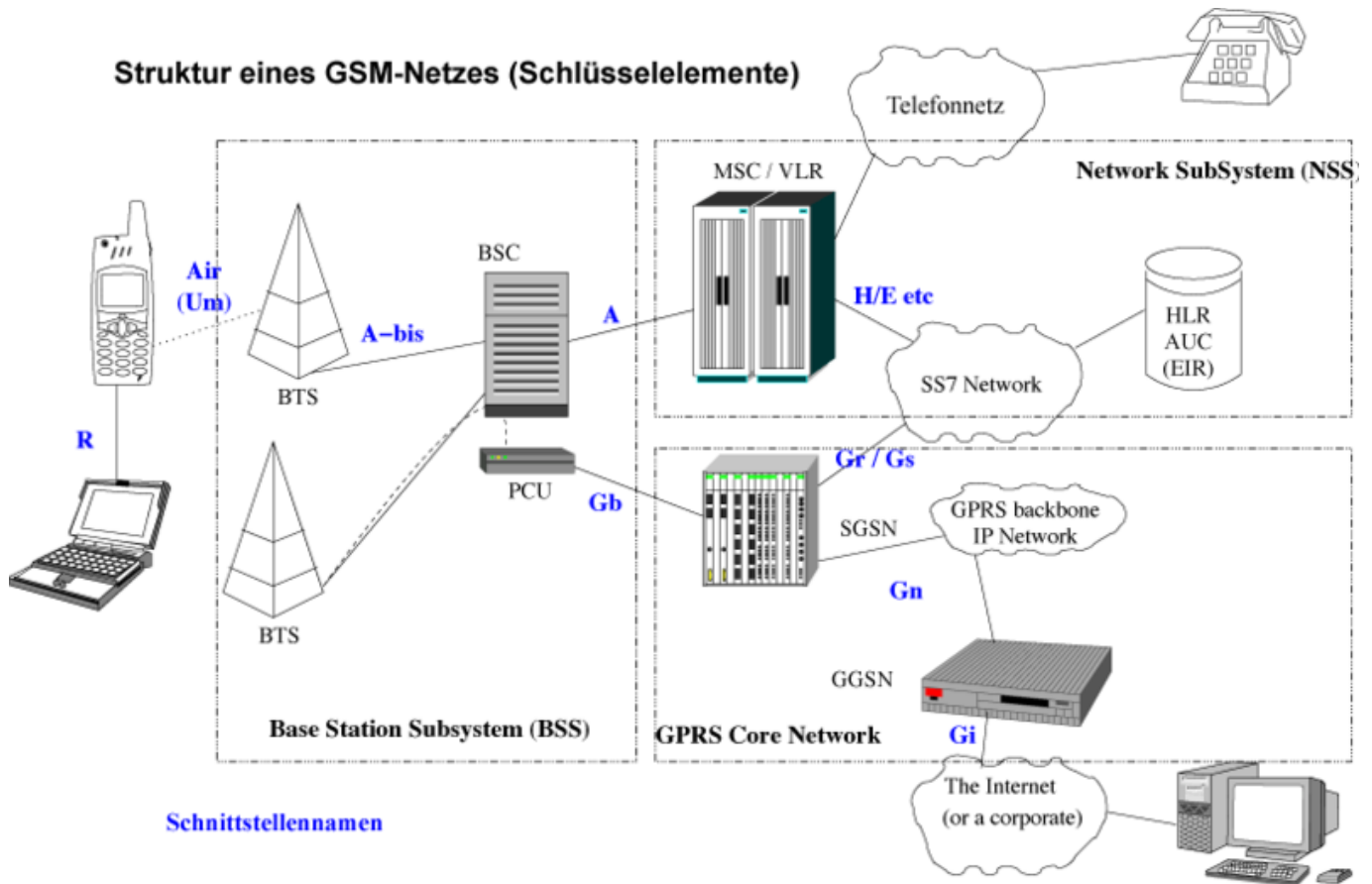


Übliche GSM Abkürzungen:

- AGCH Access Grant Channel
- AM Amplitude Modulation
- AMPS Advanced Mobile Phone System
- AMPS Advance Mobile Phone Service
- ASK Amplitude Shift Keying
- AUC Authentication Centre
- BCCH Broadcast Control Channel
- BCH Broadcast Channels
- BSC Base Station Controller
- BSIC Base station Identity Code
- BSS Base Station System
- BTS Base Transceiver Station
- CCCH Common Control Channels
- CC Country Code
- CDMA Code Division Multiple Access
- CDPD Cellular Digital Packet Data
- D-AMPS Digital AMPS
- DCCH Dedicated Control Channels
- DTI Data Transmission Inter-working
- DTMF Dual Tone Multi Frequency function
- EC Echo Cancellor
- EDGE Evolved Data rate for GSM Evolution
- EIR Equipment Identity Register
- ETSI European Telecommunications Standards Institute
- FACCH Fast Associated Control Channel
- FAC Final Assembly Codes
- FCCH Frequency Correction Control Channel
- FDD Frequency Division Duplexing
- FDMA Frequency Division Multiple Access
- FM Frequency Modulation
- FSK Frequency Shift Keying
- GMSC Gateway Mobile Switching Center
- GPRS General Packet Radio Service
- GSM Global System for Mobile communications
- HLR Home Location Register
- IMEI International Mobile Equipment Identity
- IMSI International Mobile Subscriber Identity
- ISDN Integrated Services Digital Network
- IWF Interworking Function
- Kc ciphering Key
- Ki Subscriber Authentication Key
- LAI Location Area Identity
- MCC Mobile Country Code
- MC Message Center
- ME Mobile Equipment
- MNC Mobile Network Code
- MSC Mobile Services Switching Centre
- MSIN Mobile Station Identification Number
- MSISDN Mobile Station ISDN Number
- MS Mobile Station
- MSRN Mobile Station Roaming Number
- NDC Network Destination Code
- NMTS Nordic Mobile Telephony
- NSS Network Switching System
- OMC Operation and Maintenance Center
- OSS Operation and Support System
- PCH Paging Channel
- PLMN Public Land Mobile Network
- PSK Phase Shift Keying
- PSTN Public Switched Telephone Network
- RACH Random Access Channel
- RAND non predictable RANDom number
- SACCH Slow Associated Control Channel
- SCH Synchronization Channel
- SDCCCH Stand alone Dedicated Control Channel
- SIM Subscriber Identity Module
- SMSCB Short Message Service Cell Broadcast
- SMS Short Message Service
- SN Serial Number
- SN Subscriber Number
- SRES Signed RESponse
- SS Switching System
- TACS Total Access Communication System
- TAC Type Approval Code
- TA Timing Advance
- TCH Traffic Channels
- TDD Time Division Duplexing
- TDMA Time Division Multiple Access
- TIA Telecommunication Industry Association
- TMSI Temporary Mobile Subscriber Identity
- UMTS Universal Mobile Telecommunications System
- VLR Visitor Location Register
- WCDMA Wideband CDMA
- XCDR Transcoder

Struktur eines GSM-Netzes (Schlüsselemente)



Schnittstellennamen

Zuordnung der logischen Channels durch TS und FN:

FN	TS-0	TS-1	FN	TS-2	...	TS-7
0	FCCH	SDCCH/0	0	TCH	↑	TCH
1	SCH	SDCCH/0	1	TCH		TCH
2	BCCH	SDCCH/0	2	TCH		TCH
3	BCCH	SDCCH/0	3	TCH		TCH
4	BCCH	SDCCH/1	4	TCH		TCH
5	BCCH	SDCCH/1	5	TCH		TCH
6	AGCH/PCH	SDCCH/1	6	TCH		TCH
7	AGCH/PCH	SDCCH/1	7	TCH		TCH
8	AGCH/PCH	SDCCH/2	8	TCH		TCH
9	AGCH/PCH	SDCCH/2	9	TCH		TCH
10	FCCH	SDCCH/2	10	TCH		TCH
11	SCH	SDCCH/2	11	TCH		TCH
12	AGCH/PCH	SDCCH/3	12	SACCH		SACCH
13	AGCH/PCH	SDCCH/3	13	TCH	↓	TCH
14	AGCH/PCH	SDCCH/3	14	TCH		TCH
15	AGCH/PCH	SDCCH/3	15	TCH		TCH
16	AGCH/PCH	SDCCH/4	16	TCH		TCH
17	AGCH/PCH	SDCCH/4	17	TCH		TCH
18	AGCH/PCH	SDCCH/4	18	TCH		TCH
19	AGCH/PCH	SDCCH/4	19	TCH		TCH
20	FCCH	SDCCH/5	20	TCH		TCH
21	SCH	SDCCH/5	21	TCH		TCH
22	SDCCH/0	SDCCH/5	22	TCH		TCH
23	SDCCH/0	SDCCH/5	23	TCH		TCH
24	SDCCH/0	SDCCH/6	24	TCH		TCH
25	SDCCH/0	SDCCH/6	25	free		free
26	SDCCH/1	SDCCH/6	0	TCH		TCH
27	SDCCH/1	SDCCH/6	1	TCH		TCH
28	SDCCH/1	SDCCH/7	2	TCH		TCH
29	SDCCH/1	SDCCH/7	3	TCH		TCH
30	FCCH	SDCCH/7	4	TCH		TCH
31	SCH	SDCCH/7	5	TCH		TCH
32	SDCCH/2	SACCH/0	6	TCH		TCH
33	SDCCH/2	SACCH/0	7	TCH		TCH
34	SDCCH/2	SACCH/0	8	TCH		TCH
35	SDCCH/2	SACCH/0	9	TCH		TCH
36	SDCCH/3	SACCH/1	10	TCH		TCH
37	SDCCH/3	SACCH/1	11	TCH		TCH
38	SDCCH/3	SACCH/1	12	SACCH		SACCH
39	SDCCH/3	SACCH/1	13	TCH		TCH
40	FCCH	SACCH/2	14	TCH		TCH
41	SCH	SACCH/2	15	TCH		TCH
42	SACCH/0	SACCH/2	16	TCH		TCH
43	SACCH/0	SACCH/2	17	TCH		TCH
44	SACCH/0	SACCH/3	18	TCH		TCH
45	SACCH/0	SACCH/3	19	TCH		TCH
46	SACCH/1	SACCH/3	20	TCH		TCH
47	SACCH/1	SACCH/3	21	TCH		TCH
48	SACCH/1	free	22	TCH		TCH
49	SACCH/1	free	23	TCH		TCH
50	free	free	24	TCH		TCH
			25	free		free