

GLOSARIO

A

AC o AuC	Authentication Center.
Ack	Acknowledgement.
AGCH	Access Grant Channel.
A-key	Authentication key, se usa en sistemas basados en TIA/EIA-41.
AMPS	Advanced Mobile Phone System.
ANSI-136 ó IS-136	Estándar de comunicación celular basado en TDMA.
ARFCN	Absolute Radio Frequency Channel Number.
ASE	Application Service Element.

B

BCCH	Broadcast Control Channel.
BER	Bit Error Rate.
BS	Radio base (Base Station).
BSC	Base Station Controller.
BSS	Base Station Subsystem.
BSSAP	BSS Application Part.
BSSMAP	BSS Management Application Part.
BSSOMAP	BSS Operation and Maintenance Application Part.
BTS	Base Transceiver Station.
BW	Ancho de banda (Band Width).

C

CAMEL	Customized Applications for Mobile networks Enhanced Logic.
CAVE	Cellular Authentication and Voice Encryption.
CBCH	Cell Broadcast Channel.
CCH	Control Channel.
CCCH	Common Control Channel.
CCITT	Consultative Committee for International Telegraphy and Telephony.
CDMA	Code Division Multiple Access.
CDPD	Cellular Digital Packet Data.
CDVCC	Coded Digital Verification Color Code.
CFB	Call Forwarding if Busy.
CFD	Call Forwarding Default.
CFNA	Call Forwarding No Answer.
CFNR	Call Forwarding No Reply.
CFNRc	Call Forwarding Unreachable.
CFU	Call Forwarding Unconditional.
CHV codes	Card Holder Verification codes.
CM	Communication Management.
CMT	Cellular Messaging Teleservice.
CRC	Cyclic Redundancy Code.
CSD	Circuit Switched Data.

D

$\pi/4$ DQPSK	$\pi/4$ Differential Quadrature Phase Shift Keying, técnica de modulación.
D-AMPS	Digital AMPS.
DCCH	Digital Control Channel.
DCS 1800	Digital Cellular System 1800.
DECT	Digital Enhanced Cordless Technology.
DTAP	Direct Transfer Application Part.
DTC	Digital Traffic Channel.
DTMF	Dual Tone Multiple Frequency.
DTX	Discontinuous Transmission.

E

EDGE	Enhanced Data rates for Global Evolution.
EIA	Electronic Industries Association.
EIR	Equipment Identity Register.
ESN	Electronic Serial Number.
EUI	ESN Usage Indicator.

F

FAC	Final Assembly Code (2 dígitos).
FACCH	Fast Associated Control Channel.
FCCH	Frequency Correction Channel.
FDD	Frequency Division Duplex
FDTC	Forward DTC.

FEC Forward Error Correction.

FSK Frequency Shift Keying

FSM Forward Short Message.

FVCH Forward Voice Channel.

G

3G 3ra Generación.

GAIT GSM/ANSI-136 Interoperability Team.

GERAN GSM/EDGE Radio Access Network.

GHOST GSM Hosted SMS Teleservice.

GMSC Gateway Mobile Service Switching Center.

GMSK Gaussian Minimum Shift Keying, técnica de modulación.

GPRS General Packet Radio System.

GSM Global System for Mobile communications.

GT Global Title.

H

HLR Home Location Register.

I

ICCID Integrated Circuit Card ID.

IIF Interworking and Interoperability Function.

IMEI International Mobile Equipment Identifier.

IMSI International Mobile Subscriber Identity.

IN Integrated Network.

IP Internet Protocol.

Operación de una radio base celular cuando coexisten GSM & TDMA.

IR	Intelligent Roaming.
IRM	International Roaming MIN.
IS-54	Estándar de comunicación celular basado en TDMA.
IS	Interim Standard.
ISDN	Integrated Services Digital Network.
ISUP	ISDN User Part.
ITU	International Telecommunications Union.

K

Ki	Authentication key, se usa en sistemas basados en GSM.
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L

LAPD	Link Access Protocol on the D Channel.
LAPDm	Link Access Protocol on Dm Channel.
LOCREQ	Location Request.

M

MAHO	Mobile Assisted Handoff.
MAP	Mobile Application Part.
MC	Message Center.
MCC	Mobile Country Code.
ME	Equipo móvil (Mobile Equipment).
MIN	Mobile Identification Number.
MM	Mobility Management.
MMI	Man-Machine Interface.
MNC	Mobile Network Code.

Operación de una radio base celular cuando coexisten GSM & TDMA.

MO	Mobile Originated.
MoU	Memorandum of Understanding.
MS	Estación móvil (Mobile Station).
MSC	Mobile Switching Center.
MSID	Mobile Station Identity.
MSIN	Mobile Station Identification Number.
MSISDN	Mobile Station International ISDN Number.
MSRN	Mobile Station Roaming Number.
MT	Mobile Termination
MTP	Message Transfer Part.
N	
NAM	Numeric Assignment Module.
NMC	Network Management Center.
NMSI	National Mobile Station Identity.
NSDB	Network Selection Database.
NSS	Network and Switching Subsystem.
O	
OMC	Operations and Maintenance Center.
OMSS	Operation and Maintenance Subsystem.
OSS	Operacional Subsystem.
OTA	Over-the-Air Activation.
OTAF	Over-the-Air Service Provisioning Function.

P

PBX	Private Branch Exchange.
PCH	Paging Channel.
PCS	Personal Communication System.
PDU	Packet Data Unit.
PLMN	Public Land Mobile Network.
PPI	Protocol Priority Indicator.
PRN	Provide Roaming Number.
PSTN	Public Switched Telephone Network.

R

RACH	Random Access Channel.
R-Data	Restore Data.
ROSE	Remote Operation Service Element.
ROUTREQ	Routing Request.
RR	Radio Resource.
RVCH	Reverse Voice Channel.

S

SACCH	Slow Associated Control Channel.
SAT	SIM Application Toolkit.
SCCP	Signaling Connection Control Part.
SCH	Synchronization Channel.
SDCCH	Stand-alone Dedicated Control Channel.
SEN	Serial Electronic Number.

Operación de una radio base celular cuando coexisten GSM & TDMA.

SESN	SIM ESN.
SFH	Slow Frequency Hopping.
SID	System Identity.
SIM	Subscriber Identity Module.
SMDPP	Short Message Delivery Point-to-Point.
SME	Short Message Entity.
SMS	Short Message Service.
SMSC	Short Message Service Center.
SMS-GMSC	SMS – Gateway MSC.
SN	Serial Number (6 dígitos).
SOC	System Operator Code.
Sp	Spare (1 dígito).
SP	Service Provider.
SRI	Send Routing Info.
SS7	Signaling System No 7.
SSD	Shared Secret Data.
T	
TA	Terminal Adaptor.
TAC	Type Approval Code (6 dígitos).
TCAP	Transaction Capabilities Application Part.
TCH	Speech Traffic Channel.
TCH/F	TCH Full-rate.
TCH/H	TCH Half-rate.

Operación de una radio base celular cuando coexisten GSM & TDMA.

TDD	Time Division Duplex.
TDMA	Time Division Multiple Access.
TE	Terminal Equipment.
TIA	Telecommunications Industry Association.
TIA/EIA-41	Estándar de señalización para redes de TDMA.
TLDN	Temporary Local Directory Number.
TMSI	Temporary Mobile Subscriber Identity.
TPDU	Transfer Packet Data Unit.
TRAU	Transcoder Rate Adapter Unit.
TS	Time Slot.
TT	Translation Types.

U

USDC	United States Digital Cellular System.
UWCC	Universal Wireless Communication Consortium.

V

VAD	Voice Activity Detector.
VLR	Visitor Location Register.
VMSC	Visited MSC.
VPN	Virtual Private Network.

W

WAP	Wireless Application Protocol.
W-CDMA	Wide-CDMA.
WIN	Wireless Intelligent Network.