

Abbreviations

AMPS	Advanced mobile phone service
ARPU	Average revenue per user
AWS	Advanced wireless services
BOC	Bell operating company
BRS	Broadband radio service
BTA	Basic trading area
BWA	Broadband wireless access
CDMA	Code division multiple access
CEO	Chief executive officer
CEPT	Conference of European Post and Telecommunications Administrations
CMA	Cellular market area
CSEA	Commercial Spectrum Enhancement Act
D-AMPS	Digital AMPS
DE	Designated entity
DECT	Digital enhanced cordless telecommunications
DS-FDD	Direct sequence frequency division duplex
DSSS	Direct sequence spread spectrum
EA	Economic area
EBS	Educational broadband service
E-DCH	Enhanced dedicated channel
EDGE	Enhanced data [rates] for GSM evolution
ERC	European Radiocommunications Committee
ETSI	European Telecommunications Standards Institute
EU	European Union
EV-DO	Evolution-data optimised
EV-DV	Evolution-data and voice
EWC	Enhanced Wireless Consortium
FCC	Federal Communications Commission
FDD	Frequency division duplex
FDMA	Frequency division multiple access
GHz	Gigahertz
GPRS	General packet radio service
GSM	Global system for mobile
HK	Hong Kong

HSDPA	High-speed downlink packet access
HSPA	High-speed packet access
HSUPA	High-speed uplink packet access
HTIL	Hutchison Telecom International
iDEN	Integrated digital enhanced network
IEEE	Institute of Electrical and Electronics Engineers
II	Internationalisation index
IMS	IP multimedia subsystem
ITFS	Instructional television fixed service
ITU	International Telecommunication Union
JMCS	Japanese mobile cellular system
kbps	Kilobits per second
kHz	Kilohertz
LTE	Long-term evolution
M&A	Merger & acquisition
MAN	Metropolitan area network
Mbps	Megabits per second
MDS	Multipoint distribution service
MFJ	Modified final judgement
MHz	Megahertz
MIMO	Multiple input multiple output
MSA	Metropolitan statistical area
MSS	Mobile satellite services
MTA	Major trading area
MTS	Mobile TeleSystems
MVNO	Mobile virtual network operator
NCTA	National Cable and Telecommunications Association
NMT	Nordic mobile telephone
NTIA	National Telecommunications and Information Administration
OFDM	Orthogonal frequency division multiplexing
PAS	Personal access system
PCN	Personal communications network
PCS	Personal communications services
PDC	Personal digital cellular
PHS	Personal handyphone system
RBOC	Regional Bell operating company
REAG	Regional economic area group
RHC	Regional holding company
RSA	Rural services/statistical area
RTT	Radio transmission technology
SAE	System architecture evolution

SBC	Strictly backward compatible
SDMA	Space division multiple access
SIM	Subscriber identity module
SMR	Specialised mobile radio
TACS	Total access communication system
TDD	Time division duplex
TDMA	Time division multiple access
TD-SCDMA	Time division synchronous code division multiple access
TMT	Technology, media and telecommunications
TNI	Transnationality index
UHF	Ultra-high frequency
UMB	Ultra mobile broadband
UMTS	Universal mobile telecommunications system
UPCS	Unlicensed PCS
UTRA	Universal terrestrial radio access
WAP	Wireless application protocol
W-CDMA	Wideband code division multiple access
WCS	Wireless communications services
WiBRO	Wireless broadband Korea
WiMAX	Worldwide interoperability for microwave access
W-LAN	Wireless local area network
WRC	World Radiocommunications Conference
1G	First generation
2G	Second generation
3G	Third generation
3GPP	Third Generation Partnership Project
4G	Fourth generation

To Leslie Silver, OBE, former university Chancellor and ongoing benefactor, on behalf of those who toil in their garrets to create knowledge for its own sake.