

Appendix H**LIST OF ACRONYMS**

ACAS (Aeronautical)	Airborne Collision Avoidance System
ADSL	Asymmetric Digital Subscriber Lines
AMR	Adaptive Multirate Codec
ARNS	Aeronautical Radionavigation Service.
ATC	Air Traffic Control
ATS	Air Traffic Services
BCBC	British Citizens Band Confederation
BFWA	Broadband Fixed Wireless Access
BRAN	Broadband Access Network
BSS	Broadcast Satellite Service
C band	Frequency band between about 4 and 6 GHz
CAA	Civil Aviation Authority
CB	Citizens' Band.
CBS	Common Base Station
CCEB	Combined Communications-Electronic Board
CCIR	The International Radio Consultative Committee, now called ITU-R.
CCTA	Now part of the Office of Government Commerce
CDMA	Code Division Multiple Access
CENELEC	European Committee for Electrotechnical Standardisation
CEPT	European Conference of Postal and Telecommunications Administrations.
CISPR	The International Radio Interference Committee
CJTF	Combined Joint Task Force
CNS	Communications, Navigation and Surveillance
CPG	Conference Preparatory Group within ERC
CRAF	Committee on Radio Astronomy Frequencies
CSMA	Carrier Sense Multiple Access
CT1	Cordless Telephone System 1.

CT1+	Cordless Telephone System
CT2	Second generation cordless telephones operating to specification MPT1334.
CTCSS	
CTEC	Civil TETRA Experts Committee
CW	Carrier Wave.
DAB	Digital Audio Broadcasting
DAP	Directorate of Airspace Policy
dBW	Decibels relative to one Watt of power.
DCS	
DECT	Digital European Cordless Telecommunication system. ERC Decision ERC/DEC/(94)03 refers.
DGPS	Differential Global Positioning System.
DISCUS	
DME	Distance Measuring Equipment.
DRIVE	Dedicated Road Infrastructure for Vehicle Safety in Europe - European Community R&D programme adopted by Council Decision in 1988.
DSC	Digital Selective Calling
DSI	Detailed Spectrum Investigation.
DSRR	Digital Short Range Radio. ERC Decision ERC/DEC/(93)01 (now abrogated) refers.
DTI	Department of Trade and Industry
DTLR	Department of Transport Local government and Regions
DTV	Digital Television
DVB-T	Terrestrial Digital Video Broadcasting
e.i.r.p	Effective isotropically radiated power.
EBU	European Broadcasting Union
EC	European Community
ECA	European Common Allocation Table
ECAC	European Civil Aviation Conference
ECP	European Common Proposal
ECTAL	European Industry Organisation - now EICTA
EDGE	Enhanced Data Rates for GSM Evolution
EESS	Earth Exploration-Satellite Service

E-GSM	Extended GSM
EHF	Extra High Frequency (30 GHz and above)
EICTA	European Information and Communications Technology Industry Association
EIRENE	
EISCAT	European Incoherent Scatter Association
EMC	Electromagnetic Compatibility
ENG	Electronic News Gathering
ENG/OB	Electronic News Gathering / Outside Broadcasting
EPIRBs	Emergency Position Indicating Radio Beacons.
ERC	European Radiocommunications Committee - the main CEPT committee looking after radio matters.
ERC Report 25	European Common Allocation Table (ECA)
ERMES	European Radio Messaging System.
ERMTS	European Railway Traffic Management System
ERO	European Radiocommunications Office-a permanent secretariat within the CEPT committee looking after radio matters.
ESA	European Space Agency.
ETACS	Extended Total Access Communication System. Extra spectrum allocated to cellular radiotelephone system.
ETNO	European Telecommunications Network Operators
ETR	ETSI Technical Reports. They do not contain technical specifications but give complementary information about the technical environment relating to standardisation issues.
ETS	European Telecommunications Standard.
ETSI	European Telecommunications Standards Institute. ETSI was set up in 1988 by the European Commission and the CEPT to set common telecommunications standards.
EU	European Union
FASS	Frequency Agile Signal Simulators
FCS	
FHSS	Frequency Hopping Spread Spectrum
Fixed	Fixed service - a radiocommunication service between specified fixed points.
FL245	Flight Level
FM	Frequency Modulation
FSS	Fixed Satellite Service

FTP	File Transfer Protocol
FWA	Fixed Wireless Access
GBAS	Ground Based Augmentation System
GLONASS	Global Navigation Satellite System
GMDSS	Global Maritime Distress and Safety System.
GNSS	Global Navigation-Satellite System.
GPRS	General Packet Radio Service
GPS	Global Positioning System - a satellite radionavigation system operated by the US.
GSC	Global Standards Co-operation
GSM	Global System for Mobile communications. Originally Groupe Spécial Mobile. See ERC Decision ERC/DEC/(94)01.
GSM1800	GSM using 1800 MHz frequencies
GSM900	GSM using 900 MHz frequencies
GSM-R	GSM Railways
GSO	Geostationary Orbit
GTEM	Gigahertz Transverse Electromagnetic
HAP	High Altitude Platform
HDFS	High Density Fixed Service
HF	High Frequency (3 to 30 MHz)
HFBC	High Frequency Broadcasting.
HIPERLAN	High Performance Radio Local Area Networks.
HMCG	Her Majesty's Coastguard
IARU	International Amateur Radio Union
ICAO	International Civil Aviation Organisation
IEC	International Electrotechnical Committee
IEEE	
IEEE 802.11	
IFPG	International Frequency Planning Group
IFRB	International Frequency Registration Board, now the Radio Regulations Board of ITU-R.
ILS	Instrument Landing System-aeronautical radionavigation system.
IMO	International Maritime Organisation
IMS	Interactive Multimedia Services

IMT-2000	International Mobile Telecommunications
IPR	International Property Rights
ISDN	Integrated Services Digital Network
ISM	Industrial, Scientific and Medical. The use of radio for non-communication purposes such as microwave heating etc.
ISP	Internet Service Provider
ITC	Independent Television Commission
ITU	International Telecommunication Union.
JFMG	Joint Frequency Management Group
JTIDS	Joint Tactical Information System
Ka	Part of the frequency band between about 27 and 40 GHz
Ku	Part of the frequency band between about 11 and 14 GHz
L	Frequency band around 1.5 GHz
LAN	Local Area Network
LEO	Low Earth Orbit
LF	Low Frequency (30 to 300 kHz)
LPD	Low Power Device. Now referred to as SRDs (see below).
LPRA	Low Power Radio Association
MASTS	Mobile Assignment Technical System
MBS	Mobile Broadband Systems. These have been proposed within the range 54.25-66.0 GHz; Recommendation T/R 22-03 refers.
MCA	Maritime and Coastguard Agency
MDM	Microwave Distance Measurement.
MEOS	Medium Earth Orbit Satellite
MERLIN	Multi-Element Radio Linked Interferometer Network.
MF	Medium Frequency (300 to 3000 kHz)
MIDS	Multifunctional Information Distribution System
MLS	Microwave Landing System.
MMAC	
Mob-87	World Administrative Radio Conference for the Mobile Services, Geneva, 1987.
Mobile	Mobile service - a radiocommunication service between mobile land stations, or between mobile stations.
MoD	Ministry of Defence
MoU	Memorandum of Understanding

MPT	The prefix for the numbering sequence for UK national type approval specifications.
MSF	Callsign of LF transmitter at Rugby.
MSI	Maritime Safety Information.
MSS	Mobile Satellite Service
MVDS	Multipoint Video Distribution System.
MWS	Multimedia Wireless System
NAMAS	National Measurement Accreditation Service.
NATO	North Atlantic Treaty Organisation.
NATS	National Air Traffic Service.
NBFM	Narrow Band Frequency Modulation.
NDBs	Non-Directional Beacons.
NFPG	National Frequency Planning group
NGFL	National Grid For Learning
NGSO	Non-geostationary Satellite Orbit
NIB	Non Interference Basis. This means that the service in question must not cause interference to, nor claim protection from interference from, other services.
OB	Outside Broadcast.
OECD	Organisation of Economic Co-operation and Development
OFCOM	Office of Communications
OFTEL	Office of Telecommunications - responsible for regulating the UK telecoms industry
OGDs	Other Government Departments
OJEC	Official Journal of the European Communities
OR	Off Route
Orb-88	World Administrative Radio Conference on the Use of the Geostationary-Satellite Orbit and the planning of Space Services Utilising It, Geneva, 1998.
PAMR	Public Access Mobile Radio.
PCN	Personal Communication Networks (at 1800 MHz)
PEP	Peak Envelope Power.
PLT	Power Line Technology
PMR	Private Mobile Radio.
PMSE	Programme Making and Special Events.
PPP	Private Public Partnership

PSRCP	Public Safety Radio Communications Projects
PSRCS	Public Safety Radio Communications Service
PSSMG	Public Safety Spectrum Management Group
PSTN	Public Switched Telephone Network
PTO	Public Telecommunications Operator.
R&D	Research & Development.
R&TTE	Radio and Telecommunication Terminal Equipment Directive
RA106	List of MPT 1400 and 1700 series specifications for frequency bands administered by RA.
RA143	Frequency allocations for fixed point-to-point radio links in the UK.
RACON	Radar Beacon
Radioastronomy	Astronomy based on the reception of radio waves of cosmic origin.
Radiodetermination	The determination of the position, velocity and /or other characteristic of an object, or the obtaining of information relating to these parameters, by means of the propagation properties of radio waves.
Radiolocation	Radiodetermination used for purposes other than those of radionavigation.
Radionavigation	Radiodetermination used for the purposes of navigation including obstruction warning.
RAL	Rutherford and Appleton Laboratory
RAST	Radio Standardisation
RECAB	Radio Equipment Conformity Assessment Bodies
RES640	Radio Regulation Resolution 640.
RFID	Radio Frequency Identification systems
RLAN	Radio Local Area Network
RMR	Remote Meter Reading
RNLI	Royal National Lifeboat Institution.
RNSS	Radio Navigation Satellite Service
RR	Radio Regulation of the International Telecommunication Union, 1998 Edition. ISBN 92-61-04141-8.
RSGB	The Radio Society of Great Britain - represents the interests of radio Amateurs.
RSI	Radio Spectrum International
RTCG	Radio Technology and Compatibility Group

RTI	Road Transport Informatics
RTT	Road Transport Telematics - developed from DRIVE.
SAB	Services Ancillary to Broadcasting
SAP	Services Ancillary to Programme making
SARPs	Standards and Recommended Practices
SART	Search and Rescue Transponders.
S-DAB	Satellite Digital Audio Broadcasting
SDMA	Space Division Multiple Access
SDR	Software Defined Radio
SI	Statutory Instrument.
SMAG	Spectrum Management Advisory Group
SMEs	Small-Medium Enterprises
SNG	Satellite News Gathering
SOHOs	Single Office, Home Offices
SoLSA	Support of Localised Service Area
Sonobuoys	Marine survey devices.
S-PCS	Satellite Personal Communications
SPW	Signal Processing Workstation
SRBR	Short Range Business Radio
SRDs	Short Range Devices, formerly referred to as Low Power Devices (LPDs).
SSR	Secondary Surveillance Radar
SSS	Space Science Service
SSTV	Slow Scan Television.
SUP	Suppressed. The relevant Radio Regulation has been suppressed by an ITU World Conference.
T&D	Testing and Development
TACAN	Tactical Aeronautical Navigation System.
TACS	Total Access Communication System – analogue cellular radiotelephone system.
TBR	ETSI Technical Base for Regulation. TBRs themselves are not regulations but they give advance notice of the technical specifications that will be found in future regulations.
TCAM	Telecommunication Conformity Assessment and Market Surveillance Committee
TC-ERM	ETSI Committee on EMC and Radio Spectrum Matters

TCP/IP	Transmission Control Protocol / Internet Protocol
T-DAB	Terrestrial Digital Audio Broadcasting.
TDD	Time Division Duplex
TDMA	Time Division Multiple Access
TETRA	Trans European Trunked Radio System (now called Terrestrial Trunked Radio).
TFTS	Terrestrial Flight Telecommunications System. ERC Decision ERC/DEC/(92)01 refers.
TGh	
TSAG	Telecommunications Standardisation Advisory Group
TV	Television.
UHF	Ultra High Frequency (300 to 3000 MHz)
UIC	Union Internationale des Chemins Fer (International Railways Union)
UKAS	United Kingdom Accreditation Service
UKSSC	UK Spectrum Strategy Committee
UMTS/IMT2000	Universal Mobile Telecommunications System
UNCED	UN Conference on Environment and Development
UNICOM	
UWB	Ultra Wideband technology
VHF	Very High Frequency (30 to 300 MHz)
VLBI	Very Long Baseline Interferometry.
VLF	Very Low Frequency (3 to 30 kHz)
VLSI	Very Large Scale Integration
VOR	Very high frequency Omnidirectional Range (aeronautical radionavigation system).
VSAT	Very Small Aperture Terminal
VTS	Vessel Traffic System (radar)
WAP	Wireless Access Protocol
WARC	World Administrative Radio Conference. The last WARC was held in 1992. WARCs are now superseded by WRCs.
WLAN	Wireless Local Area Network
WLL	Wireless Local Loop
WMAN	
WPAN	Wireless Personal Area Network (e.g. Bluetooth)

WRC	World Radiocommunication Conference. This is organised by the ITU. They are held about every two years, with the first having been held in 1993.
WT Acts	Wireless Telegraphy Act 1949 as subsequently amended.
WTSA	World Telecommunication Standardisation Assembly
xDSL	Digital Subscriber Line