

## GLOSSARY

AC	Alternating Current
ACA	Australian Communications Authority
AERO-SAR	Aeronautical Search and Rescue
ALE	Automatic Link Establishment
AM	Amplitude Modulation
ANSI	American National Standards Institute
APD	Amplitude Probability Distribution
ARRL	Amateur Radio Relay League
AWG	American Wire Gauge
BBC	British Broadcasting Corporation
BBG	Broadcasting Board of Governors
BPL	Broadband over Power Line(s)
BW	Bandwidth
CA	Collision Avoidance
CB	Citizens Band
CCS	Carrier Current System
CD	Collision Detection
CEPT	European Conference of Postal and Telecommunications Administrations
CISPR	International Special Committee on Radio Interference
CONUS	Continental United States
COTHEN	Customs Over The Horizon Enforcement Network
CSMA	Carrier Sense Multiple Access
CW	Carrier Wave
dB	Decibel
dBi	Decibel referenced to an isotropic radiator
dBm	Decibel referenced to 1 milliWatt
dBW	Decibels above 1 Watt
DHS	Department of Homeland Security
DOA	Department of Agriculture
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOI	Department of the Interior
DOJ	Department of Justice
DRM	Digital Radio Mondiale
DSC	Digital Selective Calling
DSL	Digital Subscriber Line
DSSS	Direct Sequence Spread Spectrum
DUT	Device Under Test
E	Electric
EBU	European Broadcasting Union
ECC	Electronics Communications Committee
EFIE	Electric Field Integral Equation

EM	Electromagnetic
EMC	Electromagnetic Compatibility
EN	European Norm (Standard)
EUT	Equipment Under Test
FAA	Federal Aviation Administration
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency
FICORA	Finnish Communications Regulatory Authority
FM	Frequency Modulation
FNRCSS	FEMA National Radio Communication System
ft	Feet
GHz	Gigahertz
GMDSS	Global Maritime Distress and Safety System
GMF	Government Master File
GPS	Global Positioning System
GRWAVE	Ground Wave Propagation Program
H	Magnetic
HF	High Frequency
HPA	HomePlug Powerline Alliance
Hz	Hertz
I	Interference Power
ICAO	International Civil Aviation Organization
IEC	International Electrotechnical Commission
ILS	Instrumentation Landing System
IMO	International Maritime Organization
IRAC	Interdepartment Radio Advisory Committee
ITS	Institute for Telecommunication Sciences
ITU	International Telecommunications Union
ITU-R	International Telecommunication Union Radiocommunication Sector
ITU-T	International Telecommunication Union Telecommunication Standardization Sector
JARL	Japan Amateur Radio League
kHz	Kilohertz
km	Kilometer
LAN	Local Area Network
LF	Low Frequency
LORAN	Long Range Aid to Navigation
LV	Low Voltage
m	Meter
MARS	Military Affiliate Radio System
Mbps	Megabits per second
MF	Medium Frequency
MFIE	Magnetic Field Integral Equation
MHz	Megahertz
MPHPT	Ministry of Public Management Home Affaires, Post and Telecommunications of Japan

MPT	Ministry of Posts and Telecommunications
mS	Siemens/meter
ms	Millisecond
MSI-HF	Marine Safety Information – High Frequency
MV	Medium Voltage
MWARA	Major World Air Route Areas
N	Noise Power
NATO	North Atlantic Treaty Organization
NB30	Usage Provision 30
NBDP-COM	Narrow-Band Direct Printing - Communications
NEC	Numerical Electromagnetics Code
NIST	National Institute of Standards and Technology
NOI	Notice of Inquiry
NPRM	Notice of Proposed Rulemaking
NRCS	National Radio Communication System
NSEP	National Security Emergency Preparedness
NTIA	National Telecommunications and Information Administration
OATS	Open Air Test Site
OFCOM	Swiss Federal Office of Communications
OFDM	Orthogonal Frequency Division Multiplexing
OR	Off-Route
OTH	Over the Horizon
PLC	Power Line Communications
PLT	Power Line Telecommunications
PSD	Power Spectral Density
QAM	Quadrature Amplitude Modulation
R	Route
RA	Radio Communications Agency of UK
RAM	Random Access Memory
RBW	Resolution Bandwidth
RDARA	Regional and Domestic Air Route Areas
RF	Radio Frequency
rms	Root Mean Square
RR	Radio Regulations
RSGB	Radio Society of Great Britain
RSMS	Radio Spectrum Measurement System
RTP-COM	Radio Telephony - Communications
S/N	Signal-to-Noise Ratio
SF&TS	Standard Frequency and Time Signal
SHARES	Shared Resources network
SINAD	Signal to Interference and Noise Ratio
SINCGARS	Single-Channel Ground and Airborne Radio System
SNR	Signal-to-Noise Ratio
SOLAS	Safety of Life at Sea
SSB	Single Sideband
TEM	Transverse Electromagnetic Mode

TV	Television
TVA	Tennessee Valley Authority
UHF	Ultra High Frequency
UK	United Kingdom
US&P	United States and Possessions
USCG	United States Coast Guard
USGS	United States Geological Survey
UTC	Coordinated Universal Time
VDSL	Very high-speed Digital Subscriber Line
VHF	Very High Frequency
VOA	Voice of America
VOACAP	Voice of America Coverage Analysis Program
VOLMET	Meteorological Information for Aircraft in Flight
WiFi	Wireless Fidelity
xDSL	Various types of Digital Subscriber Lines
$\mu\text{A}$	Microampere
$\mu\text{V}$	Microvolt