

Acronyms

AAA

ACSM American Congress on Surveying and Mapping

A/D Analog To Digital

ADF Automatic Direction Finder

ADIU Advanced Digital Interface Unit

ADS Automatic Dependent Surveillance

AEEC Airlines Electronics Engineering Committee

AFB Air Force Base

AJ Antijamming

AM Amplitude Modulation

AM/FM Automated Mapping and Facilities Management

AMPS Advanced Mobile Phone Service

AOPA Aircraft Owners And Pilots Association

APA Airline Pilots Association

ARINC Aeronautical Radio Inc.

AS AntiSpoofing

ASF Additional Secondary Factor (Loran-C)

ASPRS American Society of Photogrammetry and Remote Sensing

ATA Air Transport Association

ATC Air Traffic Control

ATON Aids To Navigation

AVL Automatic Vehicle Location

AVLN Automatic Vehicle Location And Navigation

AVM Automatic Vehicle Monitoring

BBB, CCC

BPSK Binary Phase Shift Keying

BBS Bulletin Board Service

C/A Course Acquisition

CAD Computer Aided Design

CCW Coded Continuous Wave

CCZ Coastal And Confluence Zone

CDMA Code Division Multiple Access

CEP Circle Error Probable

CMOS Complementary Metal Oxide Semiconductor

CNES Centre National d'Etudes Spatiale

CNS Communications, Navigation, And Surveillance

COG Course Over Ground

COP Circle Of Position

CONUS Continental United States

CORS Continuously Operating Reference Station

CS Control Segment

CW Continuous Wave

DDD

D/A Digital To Analog

DGPS Differential Global Positioning System

DLL Delay Lock Loop

DMA Defense Mapping Agency

DME Distance Measuring Equipment

DoD Department Of Defense

DOP Dilution Of Precision

DoT Department Of Transportation

DR Dead Reckoning

DRMS Distance Root Mean Square

EEE

ECDIS Electronic Chart Display And Information System

ECEF Earth Centered, Earth Fixed

EDM Electronic Distance Measurement

EGNOS European Geostationary Navigation Overlay Service

EOS Earth Orbiting System

EPROM Erasable Programmable Read-Only Memory

EHF Extremely High Frequency

ETA Estimated Time Of Arrival

FFF

FAA Federal Aviation Administration

FANS Future Air Navigation Systems

FCC Federal Communications Commission

FDMA Frequency Division Multiple Access

FHWA Federal Highway Administration

FM Frequency Modulation

FMS Flight Management Systems

FOC Full Operational Capability

FRP Federal Radionavigation Plan

GGG

GDOP Geometric Dilution Of Precision

GIAC GPS Interagency Advisory Council

GIC GPS Integrity Channel

GIS Geographic Information Systems

GLONASS Global Navigation Satellite System

GMT Greenwich Mean Time

GNSS Global Navigation Satellite Systems

GPS Global Positioning System

GPSIC GPS Information Center

HHH

HDOP Horizontal Dilution Of Precision

HF High Frequency

HHA Harbor And Harbor Approach

HOPE H-II Orbiting Plane (Japan)

HOW Hand Over Word

Hz Hertz

III

IALA International Association Of Lighthouse Authorities

ICAO International Civil Aviation Organization

ICD Interface Control Document

ICS Interim Control Segment

IEEE Institute Of Electrical And Electronics Engineers

IERS International Earth Rotation Service

IFR Instrument Flight Rules

IF Intermediate Frequency

IGEB Interagency GPS Executive Board

IGS International GPS Service

ILS Instrument Landing System

IMO International Maritime Organization

IMU Inertial Measurement Unit

INS Inertial Navigation System

IOC Initial Operational Capability

ION Institute Of Navigation

IRU Inertial Reference Unit

ITRF International Terrestrial Reference Frame

ITS Intelligent Transportation System

ITU International Telecommunication Union

IVHS Intelligent Vehicle Highway Systems

JJJ, KKK, LLL

JPL Jet Propulsion Laboratory

JPO Joint Program Office

KHz Kilohertz

L1 GPS Carrier Frequency, 1575.42 MHz

L2 GPS Carrier Frequency, 1227.6 MHz

LAAS Local Area Augmentation System

LAN Local Area Network

Lat Latitude

Lat/Lon Latitude/Longitude

LCD Liquid Crystal Display

LED Light Emitting Diode

LEO Low Earth Orbit

LIS Land Information System

LF Low Frequency

Lon Longitude
LOP Line Of Position
Loran Long Range Navigation
LOS Line Of Sight

MMM

M - nautical Mile-(, see also Nm)
MCS Master Control Station
MEP Mid-continent Expansion Plan
MF Medium Frequency
MGRS Military Grid Reference System
MHz Megahertz
MLS Microwave Landing System
MOPS Minimum Operational Performance Standards
MSAS MTSAT? Augmentation System
MSK Minimum Shift Keying
MSS Mobile Satellite Service
MTSAT Multifunction Transport Satellite

NNN

NAD North American Datum
NANU Notice Of Advisory To Navstar Users
NAS National Airspace System
NASA National Aeronautics And Space Administration
NATO North Atlantic Treaty Organization
NAV-Msg Navigation Message
NavStar GPS Navigation Satellite Timing And Ranging Global Positioning System
NAVWAR Navigation and Warfare
NDB Nondirectional Beacon
NGS National Geodetic Survey
NIMA National Imaging and Mapping Agency
NIST National Institute of Standards And Technology
Nm Nautical Mile (see also M)
NMEA National Marine Electronics Association
NNSS Navy Navigation Satellite System (Transit)
NOAA National Oceanic And Atmospheric Administration
NOCUS North Central U.S. Chain (Loran-C)
NOS National Ocean Survey
NRL Naval Research Laboratory
Ns Nanosecond

OOO, PPP

OAB Operational Advisory Broadcasts
OCS Operational Control Segment/System
OEXO Oven-Controlled Crystal Oscillator
OEM Original Equipment Manufacturer

P-Code Precision/Protected Code
PC Personal Computer
PCS Personal Communication System
PDOP Position Dilution Of Precision
PLL Phase-Locked Loop
PPM Parts Per Million
PPS Precise Positioning Service
PPS Pulse Per Second
PSAP Public Service Answering Point
PR Pseudorange
PRN Pseudo Random Noise
PVT Position Velocity And Time

RRR

R&D Research And Development
RAIM Receiver Autonomous Integrity Monitoring
RDF Radio Direction Finder
RDS Radio Data System
RDSS Radio Determination Satellite Systems
RF Radio Frequency
RFI Radio Frequency Interference
RINEX Receiver Independent Exchange (Format)
RMS Root Mean Square
ROV Remotely Operated Vehicle
RTI Road Transport Informatics
RTCA Radio Technical Commission For Aeronautics
RTCA-SC Radio Technical Commission for Aeronautics, Special Committee
RTCM Radio Technical Commission For Maritime Services
RTK Real-Time Kinematic

SSS

SA Selective Availability
SAR Search And Rescue
SAR Synthetic aperture Radar
Sat Nav Satellite Navigation (Transit System)
SCAT I Special Category I
SEP Sphere Error Probable
SHF Super High Frequency
SLR Satellite Laser Ranging
SNR Signal To Noise Ratio
SOA Speed Of Advance
SOCUS South Central U.S. Chain (Loran-C)
SOG Speed Over Ground
SOIT Satellite Operational Implementation Team
SPS Standard Positioning Service

SV Space Vehicle

SVN Space Vehicle NAVSTAR, Also Known As Space Vehicle Number

TTT

TACAN Tactical Air Navigation

TAI International Atomic Time

TCXO Temperature-Controlled Crystal Oscillator

TD Time Difference

TDMA Time Division Multiple Access

TDOP Time Dilution Of Precision

TOA Time Of Arrival

TOD Time Of Day

TOPEX The Ocean Topography Experiment

TOW Time Of Week

TSO Technical Standard Order

TSPI Time And Space Position Information

TTF Time To First Fix

TTL Transistor - Transistor Logic

UUU

UAV Unmanned Aerial Vehicle

UE User Equipment

UEE User Equipment Error

UERE User Equivalent Range Error

UHF Ultra High Frequency

URA User Range Accuracy

URE User Range Error

US User Segment

USAF United States Air Force

USCG United States Coast Guard

USGIC US GPS Industry Council

USGS US Geological Survey

USNO US Naval Observatory

UT Universal Time

UTC Coordinated Universal Time

UTM Universal Transverse Mercator

UUD Universal User Defined

VVV

VDOP Vertical Dilution Of Precision

VFR Visual Flight Rules

VGA Video Graphics Array

VHF Very High Frequency

VLBI Very Long Baseline Interferometry

VLF Very Low Frequency

VLM Vehicle Location Monitoring

VME Versa Module Eurocard
VOR VHF Omnidirectional Range
VORTAC VOR And TACAN (collocated)
VSWR Voltage Standing Wave Ratio
VTC Vessel Traffic Center
VTS Vessel Traffic Services

WWW, XXX, YYY, ZZZ
WAAS Wide Area Augmentation System
WADGPS Wide Area Differential Global Positioning System
WAN Wide-Area Network
WGS World Geodetic System
WGS 84 World Geodetic System of 1984
WRC World Radio Conference