Index

a
Aeronautical Mobile-Satellite Service (AMSS) 166
attitude and orbit control system (AOCS) 244, 245
autonomous navigation (Auto-NAV) 5

calibration stations (CS) 23
central station (CS) 155
China Compass Navigation Satellite System (CCNSS) 9
code division multiple access (CDMA) 166
commercial service (CS) 163
communication, navigation and surveillance (CNS) 21
compass time (BDT) 93
Consultative Committee of International Radio (CCIR) 166
CRDSS 57
cyclic redundancy check (CRC) 181

data handling (DH) 244
delay locked loop (DLL) 254
double beam tracking arithmetic (DBTA) 114

effective isotropically radiated power (EIRP) 46
elevation abnormality 31
emergency locator transmitter (ELT) 21
ephemeris error (EPRE) 221

European Geostationary Navigation Overlapping Service (EGNOS) 119

f
Federal Aviation Administration (FAA) 4
Fixed Satellite Service (FSS) 49
frequency division multiple access (FDMA) 6

g
Galileo Navigation Satellite System 10
Geometric Dilution of Precision (GDOP) 29
geosynchronous earth orbit (GEO) 16
global positioning system (GPS) 3
global navigation satellite system (GLONASS) 5
global navigation satellite system (GNSS) 1
GLONASS satellite and time (UTC (SU)) 8
ground integrity channel (GIC) 155

h
horizontal dilution of precision (HDOP) 29

i
ICAO 6
Inclined Geosynchronous Satellite Orbit (IGSO) 154
Indian Regional Navigation Satellite System (IRNSS) 11
initial operational capability (IOC) 226
integrated control and data management system (ICS) 244
Index

integrity monitoring station (IMS) 155
integrity risk (IR) 138
International Telecommunication Union (ITU) 13

I
L frequency band 17
low earth orbit satellite (LEOS) 145

M
Measurement Control Center (MCC) 23
mission data unit (MDU) 233
mobile satellite service (MSS) 13
most significant bit (MSB) 9
multi-purpose satellite (MTSAT) 12

N
NAVT 60
navigation communication (NAVCOM) 209
navigation parameters (distance, change in rate of distance) 60

O
open service (OS) 163

P
payload control equipment (PCE) 233
Position Dilution of Precision (PDOP) 29
power subsystem (EPS) 245
programmable read-only memory (PROM) 5
Public Utility Service (PRS) 163

Q
QPSK 4
Quasi Zenith Satellite System (QZSS) 12

R
Radio Determination Satellite Service (RDSS) 1
Radio Navigation Satellite Service (RNSS) 1
receiver autonomous integrity monitoring (RAIM) 155
s
safe-of-life service (SOLS) 163
satellite processing units (SPU) 233
selective availability (SA) 233
self-adaptive filtering 112
S frequency band 17
solar array drive mechanisms (SADM) 246
solar array drive units (SADA) 246
space signal arrival direction (DOA) 113
spherical probable error (SEP) 226
system integrity monitoring (SIM) 155
t
telemetry, tracking and command (TT&C) 233
time dilution of precision (TDOP) 29
time division multiple access (TDMA) 235
time keeping system (TKS) 5
time to first fix (TTFF) 121
total electron content (TEC) 28
total navigation payload (TNP) 233
two-way satellite time transfer (TWSTT) 195
u
universal time (UT) 183
universal time coordinated (UTC) 183
US Naval Research Laboratory (US NRL) 145
user differential range error (UDRE) 221
user ranging accuracy (URA) 180
v
vertical dilution of precision (VDOP) 29
w
wide area augmentation system (WAAS) 4
World Radio Conference in 2000 (WRC-2000) 4
WRC-87 6