Index

ALI, 120
Asterisk
  Multi-part body extension, 149
  SIP message body limit, 150
ATOCA, 214
Austria
  AK-TK, 103, 106
  classes of VoIP service, 106
  emergency call tariffs, 110
  emergency calls from mobile phones, 110
  emergency numbers, 105
  emergency services availability, 108
  KEM-V, 104
  number of emergency calls, 1, 110
  regulations, 103
  RTR, 103, 105
  Telecommunications Act, 103
  Telekommunikationgesetz, 103

BEREC, 122

CGALIES, 15
  civic address, 29
  boundaries, 206
  validation, 46

  civic address considerations, 29, 207
  counseling services, 39, 208
  deployment costs, 16
  DHCP
    civic location option, 86
    client configuration, 153
    geodetic location option, 84
    location encoders, 137
    server configuration, 137
  early warning, 214
  ECRIT, 19, 73
  Ecritdroid, 145
  EcritXUL, 147
  EENA, 123
  ELIN, 87, 206
  emergency numbers
    Austria, 105
    international, selected, 13
    Japan, 124
    the United States, 112
  Emergency Services Workshop, 197
  EU PEACE, 150, 199
  Expert Group on Emergency Access, 123
  FCC, 114
Firefox
   EcritXUL extension, 147
   HELED support, 140
FMK, 110
fraud
   against PSAPs, 188
   against VoIP providers, 192
geolocation
   accuracy, 15
   automatic, 14
   challenges, 3
   comparison of protocols, 88
   importance, 15
   privacy, 178
   rough, 184
   security, 172, 177
   signing, 182
   in SIP, 33
GPS, 90
   security implications, 183
HELED, 78
   implementations, 134
   location-enable a network, 156
   minimal server, 155
   server discovery, 83
home emergency dial string, 11, 58, 65
   configuration via LoST, 62
   destination, 202
   problems, 201
igtk, see Internet geolocation toolkit, 135
IMS, 68, 150
Indiana, 115
Internet geolocation toolkit, 135, 157
iPod Touch, 2
Japan
   classes of VoIP service, 124, 125
   emergency numbers, 124
   location privacy, 128
   MIC, 123
   Ministerial ordinances, 123
LLDP-MED, 72, 86
   difficulties, 210
   OpenLLDP, 139
   location configuration, 78
   location conveyance, 33
   location by reference, 30
   location by value, 30
LoST, 41, 40–58
   architecture, 50
   authoritative mapping server, 51
   forest guide, 50
   implementations, 141
   key, 47, 207
   private tree, 53
   resolver, 50
   seeker, 50
   tree, 50
   security, 175
   server discovery, 49
   service list boundary, 202
   serviceBoundary, 47
   sync, 54
NENA, 115
   i2, 115, 118, 119
   i3, 115, 120
   interoperability testing, 198
NG9-1-1, 118
Nokia N810, 2
number of emergency calls
   Austria, 1, 110
Europe, 15
the United States, 117

PIDF-LO, 23, 33
converting from DHCP location format, 209
premature disconnect, 127, 206
PSAP, 9
default, 200
organization, 10
security, 187, 188

service list boundary, 202
Service URNs, 39
SIP
emergency INVITE, 61
geolocation, 33
gеolocation header, 33

multi-part SIP bodies, 36, 210
SIPit, 198
Standards organizations, 71
Telekommunikationgesetз, 104

United States, the
9-1-1 laws, 113
emergency number, 112
number of emergency calls, 117
PSAP funding, 115

W3C Geolocation API, 140
Wireshark, 139, 153, 164

Zap! emergency calling client, 142