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LIST of ACRONYMS

- 1G** – First Generation mobile network
2G – Second Generation mobile network
3G – Third Generation mobile network
3GSM – Third Generation Global System for Mobile communication (also UMTS)
AAA – American Automobile Association
A-GPS – Assisted-Global Positioning System
ALI – Automatic Location Identification
ANT – Actor-Network Theory
AOA – Angle of Arrival
ATM – Automatic Teller Machine
BS – Base Station
CDT – Center for Democracy and Technology
Cell ID – Cellular Identification
CGALIES – Coordination Group for Access to Location Information by
Emergency Services
CPNI – Consumer Proprietary Network Information
CTIA – Cellular Telecommunications & Internet Association
DARPA – Defense Advanced Research Projects Agency
Directive 1995/46/EC – Directive on Personal Data Protection
Directive 1997/66/EC – Directive replaced by Directive 2002/58/EC
Directive 2000/31/EC – Directive on Electronic Commerce
Directive 2002/22/EC – Universal Service Directive
Directive 2002/58/EC – Directive on Privacy and Electronic Commerce
E112 – Enhanced 112 (wireless Enhanced 112 emergency call service in the
European Union)
E911 – Enhanced 911 (wireless Enhanced 911 emergency call service in the
United States)
EC – European Commission
E-Cell ID – Enhanced Cellular Identification
e-commerce – Electronic Commerce
ECPA – Electronic Communications Privacy Act of 1986
EFF – Electronic Frontier Foundation
E-OTD – Enhanced Observed Time Difference
EPIC – Electronic Privacy Information Center
ESRI – Environmental Systems Research Institute
ETSI – European Telecommunications Standards Institute
EU – European Union
FCC – Federal Communications Commission
FTC – Federal Trade Commission
GIS – Geographic Information System
GPS – Global Positioning System

GSM – Global System for Mobile communication
ICT – Information and Communication Technology
ISP – Internet Service Provider
IT – Information Technology
LBS – Location-based Service
LMU – Location Measurement Unit
MHz – MegaHertz
m-commerce – Mobile Commerce
NENA – National Emergency Number Association
OECD – Organization for Economic Co-operation and Development
OTDOA – Observed Time Difference of Arrival
PC – Personal Computer
PDA – Personal Digital Assistant
PII – Personal Identifiable Information
PSAP – Public Safety Answering Point
PSTN – Public Switched Telephone Network
RFID – Radio Frequency Identification
SI – Social Informatics
SMS – Short Message Service
TDOA – Time Difference of Arrival
TIA – Terrorism Information Awareness (formerly known as Total Information Awareness)
TOA – Time of Arrival
UMTS – Universal Mobile Telecommunication System (also 3GSM)
U-TDOA – Uplink-Time Difference of Arrival
WCPSA – Wireless Communication and Public Safety Act of 1999
WLIA – Wireless Location Industry Association