Acronyms

ABS	Anti-lock Braking System; operates by preventing the wheels from locking while braking, thereby maintaining tractive contact with the road surface.
ACC	Adaptive Cruise Control
C2C	Car 2 Car
CA	Cooperative Awareness
CAM	Cooperative Awareness Message
CC	causeCode
C-ITS	Cooperative Intelligent Transport Systems
C-ITS-S	Central ITS Station
DEN	Decentralized Environmental Notification
DENM	Decentralized Environmental Notification Message
DF	Data Frame
ESP	Electronic Stability Program; a computerized technology that improves a vehicle's stability by detecting and reducing loss of traction
ETSI	European Telecommunications Standards Institute
ETSI ITS G5	See ITS-G5
EU	European Union
EV	Emergency Vehicle
GDPR	General Data Protection Regulation
HGV	Heavy Goods Vehicle
HLN	Hazardous Location Notification
HLN-APR	Hazardous Location Notification – Animal or Person on the Road
HLN-AWWD	Hazardous Location Notification – Alert Wrong Way Driving
HLN-AZ	Hazardous Location Notification – Accident Zone
HLN-EVA	Hazardous Location Notification – Emergency Vehicle Approaching
HLN-EVI	Hazardous Location Notification – Emergency Vehicle in Intervention
HLN-OR	Hazardous Location Notification – Obstacle on the Road
HLN-PTVC	Hazardous Location Notification – Public Transport Vehicle Crossing
HLN-PTVS	Hazardous Location Notification – Public Transport Vehicle at a Stop
HLN-RLX	Hazardous Location Notification – Railway Level Crossing
HLN-SV	Hazardous Location Notification – Stationary Vehicle
HLN-TJA	Hazardous Location Notification – Traffic Jam Ahead
HLN-TSR	Hazardous Location Notification – Temporary Slippery Road
HLN-UBR	Hazardous Location Notification – Unsecured Blockage of a Road
HLN-WCW	Hazardous Location Notification – Weather Condition Warning
HMI	Human Machine Interface
HOV	High Occupancy Vehicle
Hz	Hertz

I2V	Infrastructure to Vehicle Communication; Information exchange between infrastructure and vehicles.
ICS	ITS Central System
ID	Identifier
IRS	ITS Roadside System
ISO	International Organisation for Standardization
ITS	Intelligent Transport Systems
ITS-G5	ITS-G5 is a European standard for ad-hoc short-range communication of vehicles among each other (V2V) and with Road ITS Stations (V2I). ITS-G5 refers to the approved amendment of the IEEE 802.11 (standard IEEE 802.11p). This technology (possibly others) uses the 5.9 GHz frequency band to support safety- and non-safety ITS applications. In this document ITS-G5 stands for IEEE802.11p/ETSI ITS-G5. IEEE 802.11p is an approved amendment to the IEEE 802.11 standard to add wireless access in vehicular environments (WAVE), a vehicular communication system. It defines enhancements to 802.11 (the basis of products marketed as Wi-Fi) required to support Intelligent Transportation Systems (ITS) applications. This includes data exchange between high-speed vehicles and between the vehicles and the roadside infrastructure, so called V2X communication, in the licensed ITS band of 5.9 GHz (5.85-5.925 GHz).
IVI	In-Vehicle Information
IVIM	Infrastructure to Vehicle Information Message
IVS	In-Vehicle Signage
IVS-DLM	In-Vehicle Signage – Dynamic Lane Management
IVS-DSLI	In-Vehicle Signage – Dynamic Speed Limit Information
IVS-EVFT	In-Vehicle Signage – Embedded VMS "Free Text"
IVS-OSI	In-Vehicle Signage – Other Signage Information
IVS-SWD	In-Vehicle Signage – Shock Wave Damping
km	kilometre
MAP	Topology information for the intersection
MAPEM	MAP Extended Message
ms	millisecond
OBU	On Board Unit
OEM	Original Equipment Manufacturer
OHLN	Other Hazardous Location Notifications
PVD	Probe Vehicle Data
PVD-EDC	Probe Vehicle Data – Event Data Collection
PVD-VDC	Probe Vehicle Data – Vehicle Data Collection
PT	Public Transport
RHS	Road Hazard Signalling
R-ITS-S	Roadside ITS Station (the so-called RSU)
RO	Road Operator
RSU	Road Side Unit (See R-ITS-S)
RWW	Road Works Warning
RWW-LC	Road Works Warning – Lane Closure (and other restrictions)
RWW-RC	Road Works Warning – Road Closure
RWW-RM	Road Works Warning – Road Works Mobile

RWW-ROVA	Road Works Warning – Road Operator Vehicle Approaching
RWW-ROVI	Road Works Warning – Road Operator Vehicle in Intervention
RWW-WM	Road Works Warning – Winter Maintenance
sCC	subCauseCode
SI	Signalized Intersections
SI-EVP	Signalized Intersections –Emergency Vehicle Priority
SI-GLOSA	Signalized Intersections – Green Light Optimal Speed Advisory
SI-ISVW	Signalized Intersections – Imminent Signal Violation Warning
SI-SPTI	Signalized Intersections – Signal Phase and Timing Information
SI-TLP	Signalized Intersections – Traffic Light Prioritization
SPAT	Signal Phase And Timing
SPATEM	Signal Phase And Timing Extended Message
SREM	Signal Request Extended Message
SSEM	Signal request Status Extended Message
TCC	Traffic Control Centre
TCC-ACC	Traffic Control Centre – Adaptive Cruise Control
TF2	Task Force 2
TF3	Task Force 3
TJ	Traffic Jam
TMC	Traffic Management Centre
TMS	Traffic Management System
TOC	Traffic Operations Centre
UC	Use Case
UK	United Kingdom
V-ITS-S	Vehicle ITS Station
V2I	Vehicle to Infrastructure communication; Information exchange between vehicles and infrastructure.
V2I2V	Vehicle to Infrastructure to Vehicle communication; Information exchange from vehicles to infrastructure to vehicles
V2V	Vehicle to Vehicle Communication; information exchange between vehicles.
V2X	Vehicle to any communication; X is either infrastructure or car; Including communication between vehicles as well as between vehicles and infrastructure.
Vev2V / $V_{ev}2V$	Emergency Vehicle to Vehicle communication; information exchange between emergency vehicles and other vehicles
VDS	Variable Direction Signs
VMS	Variable Message Signs
$V_{PT}2V$	Public Transport Vehicle to Vehicle communication; information exchange between public transport vehicles and other vehicles
Vro2V / $V_{ro}2V$	Road operator vehicle to vehicle; information exchange between road operator vehicles and other vehicles
VRU	Vulnerable Road User

VTP	Variable Text Panels
WG2	Workgroup 2
WW	Wrong Way (see HLN-AWWD)
WWD	Wrong Way Driving (see HLN-AWWD)

e.g.	*In Latin "exempli gratia" which stands for: "For Example"*
i.e.	*In Latin "id est" which stands for "In other words"*