

Merged Feature List v0.2



Identifier	Application	Charcterisation						Reference / Remarks
		Mode		Bandwidth Demand kBit/s	Safety Relevance			
		C2C	C2I		Safety of Life	Safety Critical	traffic flow etc	
SWa3010H	Traffic Signal Violation Warning		x		x			NOW, VSC
SWa3020H	Stop Sign Violation Warning		x		x			NOW, VSC
NS6130N	Vehicle Sensing Alternative for Inductive Loop							pVSC
	Traffic Flow by Cooperative Traffic Light Management						x	
NS6140N	Infrastructure based traffic management-probes						x	pVSC
NS6150N	Green Light optimal speed advisory						x	pVSC
SIn3150L	Stop Sign Movement Assistance		x			x		NOW, VSC
SIn1110H	In-Vehicle Signage		x				x	NOW, VSC
SIM-TD-0006	In-Car Signage						x	
SIM-TD-0007	Traffic Light Assistant / Warning						x	
NS2180N	Centralised Traffic Optimization	x					x	
NS2190N	Intelligent On-Ramp Metering		x				x	NOW, VSC
SIM-TD-0008	Traffic Flow Data Acquisition						x	
NS2150N	Intelligent Traffic Flow Control		x				x	NOW, VSC
SIn2120L	Cooperative Adaptive Cruise Control	x	x					NOW, VSC
SIn2130L	ACC extension, early brake, Stop & Go extended	x						Safespot
NS2100N	Adaptive Drivetrain Management		x				x	NOW, VSC
SWa2110H	Traffic Jam Ahead Warning	x						Willwarn
SIM-TD-0002	End of Traffic Jam without Infrastructure							
NS2170N	Traffic Performace Assistance	x	(x)				x	INVENT
SIM-TD-0009	Road Works Warning based on 802.11x, decentral without Logging							
SWa1020L	Obstacle detection	x	(x)					Willwarn
SWa3120H	Work Zone Warning		x					NOW, VSC, Willwarn
SWa4020H	Cooperative Forward Collision Warning	x						NOW, VSC

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SWa4040L	Cooperative Collision Warning	x						NOW, VSC
SWa1030H	Vehicle-Based Road Condition Warning	x	(x)					NOW, VSC
SIn3170L	Cooperative Vehicle-Highway Automation System (Platoon)	x	x					NOW, VSC
SWa1040H	Direct Range Hazard Warning	x						
SWa1050H	Wide Range Hazard Warning	x	(x)					
SIn6160L	Extended driver's awarenes	x	(x)					Safespot
SWa3090H	Low Parking Structure Warning		x				x	NOW, VSC
NS6090N	Parking Lot Payment						x	pVSC
	Parking Lot Booking / Release						x	
	Parking Lot Guidance						x	
SIn3140H	Left Turn Assistant		x					NOW, VSC
SWa4010H	Intersection Collision Warning		x					NOW, VSC
SIn4030 L	Cooperative intersection and roundabouts safety	x	x					Safespot
SIn2140H	Highway Merge Assistant	x						NOW, VSC
SWa3080H	Curve Speed Warning		x					NOW, VSC
SWa3100H	Wrong Way Driver Warning	x						NOW, VSC
SWa4050H	Highway/Rail Collision Warning	x	x					NOW, VSC
SWa3110H	Low Bridge Warning		x					NOW, VSC
SIn3040L	Pedestrian Crossing Information at designated Intersections	x	x					NOW, VSC, Safespot
SWa2030L	Blind Spot Warning	x						NOW, VSC
SWa3050L	Blind Merge Warning		x					NOW, VSC
SIn3030L	Cooperative merging safety	x	x					
SWa3060L	Cooperative static black spot		x					Safespot

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SWa3070L	Cooperative dynamic black spot	x	(x)					Safespot
SIn2050L	Coop. blind spot, lane change, safe overtaking	x						Safespot
SWa2040H	Lane Change Warning	x						NOW, VSC
SWa1010H	Approaching Emergency Vehicle Warning	x						NOW, VSC
SIn1090H	Emergency Vehicle Signal Preemption		x					NOW, VSC
SIM-TD-0003	Emergency Warning based on SWIS-Data							
SIM-TD-0004	Emergency Vehicle Warning							
SIM-TD-0005	Emergency Vehicle Signal Pre-emption							
SIn2010L	Vehicle based cooperative safety emergencies handling	x	x					Safespot
SIn2020L	Infrastructure based cooperative safety emergencies handling	x	x					Safespot
SWa3130L	In-Vehicle Amber Alert		x					NOW, VSC
SIn5010L	SOS Services	x	x			x		NOW, VSC
SWa6010L	Post-Crash Warning	x	x				x	NOW, VSC
SWa1080L	Pre-Crash Sensing / Warning	x					x	NOW, VSC
	Hint about Vehicle Breakdown / Accident							
SIn6020L	Safety Recall Notice		x					NOW, VSC
SIM-TD-0001	Virtual Warning Triagle, Break Down Warning							
SIn6170L	Safety Service Point		x					
NS6040N	Traffic information						x	PVSC
SWa1060L	Low visibility and low friction	x	(x)					Willwarn
SIn1100H	Emergency Electronic Brake Lights	x						NOW, VSC
SWa1070H	Road Condition Warning		x					NOW, VSC
SIn1120L	Vehicle-To-Vehicle Road Feature Notification	x						NOW, VSC

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NS2070H	Cooperative Glare Reduction	x						NOW, VSC
NS2090N	Adaptive Headlamp Aiming		x					NOW, VSC
SIn3160L	Visibility Enhancer	x						NOW, VSC
NS6180N	Enhanced Route Guidance and Navigation		x				x	NOW, VSC
NS5080N	Point of Interest Notification		x				x	NOW, VSC
NS5020N	Map Downloads and Updates		x				x	NOW, VSC
NS5030N	GPS Correction		x				x	NOW, VSC
NS5070N	Remote Diagnostics		x				x	NOW
NS6060N	Vehicle Safety inspection						x	pVSC
	Software Upgrades / Updates						x	
SIn6030L	Just-In-Time Repair Notification		x				x	NOW, VSC
NS6100N	Data Transfer / Info-Fueling						x	pVSC
NS2160H	Decentralised Floating Car Data	x					x	INVENT
NS6050N	Transit vehicle data transfer						x	pVSC
NS6120N	Video downloads						x	pVSC
SIM-TD-0010	Internet Access						x	
NS6110N	Vehicle computer program updates						x	pVSC
NS2080N	Instant Messaging	x					x	NOW, VSC
NS5040N	Personal Data Synchroniation		x				x	NOW, VSC
NS5050N	Car-to-Hotspot-Applications		x				x	NOW
NS5090N	Car-to-Home-Applications		x				x	NOW
	Singlecast Download						x	
	Broadcast Download						x	
NS5060N	Interaction with mobile devices of other traffic participants		x				x	NOW

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	Self-Information Provision: Driving School							x	
	Self-Information Provision: Such as uncertain Driver / Baby on Board							x	
	Leasing Management							x	
	Electronic Freight Documents							x	
NS6070N	Driver's daily log							x	pVSC
NS5100N	Drive-through payment		x					x	NOW
NS2060N	Free-Flow Tolling		x					x	NOW, VSC
	Remote Car Control							x	
	Anti Theft Protection							x	
	Vehicle Location							x	
NS6080N	Access control							x	pVSC