

USER											
UEV Renault											
Name	Use case	cause code	sub-cause code	Manu/ Auto	ValidityDuration (s)	Update	Termination	Relevance Traffic Direction	Repetition duration	Repetition Interval	Destination area
Temporary slippery road	D1	6 : Adverse weather conditions – Adhesion	0 : Unavailable	Auto	600 s, re-armed for every update	If after a minimum interval of 20 s, the trigger conditions are still fulfilled the following information is updated: - EventPosition - Quality - Traces -referenceTime -detection Time - EventHistory: transmitted and updated only on update . The time elapsed to validity duration is reinitialised.	Not applicable - no cancel, no negation	allTrafficDirection	default value 600 s / in urban area, determined by digital map or onboard sensor algorithm: 300 s (If the vehicle has no information about the urban/non-urban status, the default value shall be used.	1s (4s en urbain)	10 km
Animal on the road	D2a	11 : Hazardous Location - Animal on the road	0 : Unavailable	Manu	Estimated average duration 600s	Not applicable for manual	Not applicable for manual	allTrafficdirection	300S	s 1s	10 km
People on the road	D2b	12 : Human presence on the road	0 : Unavailable	Manu	Estimated average duration 1200s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	600s	s 1s	10 km
Obstacle on the road	D3	10 : Hazardous Location - Obstacle on the road	0 : Unavailable	Manu	Estimated average duration 1200s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	600s	1s	10 km
Stationary vehicle, breakdown	D4	94 : Stationary vehicle	0 : Unavailable	Auto	30 s, re-armed for every update	If after an interval of 15 s, the trigger conditions are still fulfilled the following information is updated: - StationarySince - Quality -referenceTime -detection Time The time elapsed to validity duration is reinitialised.	only cancel, no negation Once of the following conditions is staisfied before the time set in the DE ValidityDuration is expired, the generation of the cancel shall be requested at the facilities layer within 100ms: a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 5 seconds b) the hazard lights are disabled The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	30s	1s	10 km
Stationary vehicle, breakdown		94 : Stationary vehicle	2 : Vehicle breakdown	Auto	30 s, re-armed for every update	If after an interval of 15 s, the trigger conditions are still fulfilled the following information is updated: - StationarySince --detection Time - Quality	only cancel, no negation Once of the following conditions is staisfied before the time set in the DE ValidityDuration is expired, the generation of the cancel shall be requested at the facilities layer within 100ms: a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 5 seconds b) the hazard lights are disabled The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	30s	1s	10 km
Unprotected accident area	D5	2 : Accident	0 : Unavailable	Manu	Estimated average duration 1200s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	600s	1s	10 km
Unprotected accident area		94 : Stationary vehicle	3 : Postcrash	Auto	180 s, re-armed for every update.	If after an interval of 60 s, the conditions of cancellation are not fulfilled the following information is updated: - StationarySince - Quality -referenceTime -detection Time The time elapsed to validity duration is reinitialised.	only cancel, no negation One one of the following is satisfied before the time period set in the DE ValidityDuration is expired, the generation of a cancellationDENM shall be requested at the facility layer within 100ms: a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 15 seconds b)the position of the vehicle has changed more than 500m (e.g. by a tow away process) The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	30s	1s	10 km

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Name	Use case	cause code	sub-cause code	Manu/ Auto	ValidityDuration (s)	Update	Termination	Relevance Traffic Direction	Repetition duration	Repetition Interval	Destination area
Reduced visibility	D6	18 : Adverse weather conditions - Visibility	0 : Unavailable	Auto	300 s, re-armed for every update	If after a minimum interval of 20 s, the trigger conditions are still fulfilled the following information is updated: - EventPosition - Quality - Traces -referenceTime -detection Time - EventHistory: transmitted and updated only on update . The time elapsed to validity duration is reinitialised.	Not applicable - no cancel, no negation	AllTrafficDirection	default value 600 s / in urban area, determined by digital map or onboard sensor algorithm: 300 s (If the vehicle has no information about the urban/non-urban status, the default value shall be used.	4s	10 km
Unmanaged blockage of a road	D8	9 : Hazardous location – Surface condition	0 : Unavailable	Manu	3600s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	1800s	1s	10 km
Emergency breake	D10	99 : Dangerous situation	1 : Emergency electronic brake lights	Auto	2s, re-armed for every update	If after 100 ms, the trigger conditions are still fulfilled the following information is updated: - EventPosition - eventPositionHeading - eventSpeed - Traces -referenceTime -detection Time The time elapsed to validity duration is reinitialised.	Not applicable - no cancel, no negation	AllTrafficDirection	2s	non used	10 km
End of queue	D11	27 : Dangerous end of queue	0 : Unavailable	Auto	V2V logic : C2C recommendation 20s	Not applicable	Not applicable - no cancel, no negation	Upstream	20s	0,5s	10 km
Extreme weather conditions	E6	19 : Adverse weather precipitation – Extreme weather condition	0 : Unavailable	Auto	300 s, re-armed for every update	If after a minimum interval of 30 s, the trigger conditions are still fulfilled the following information is updated: - EventPosition - Quality - Traces -detection Time - EventHistory: transmitted and updated only on update . The time elapsed to validity duration is reinitialised.	Not applicable - no cancel, no negation	AllTrafficDirection	180s	4s	10 km

USER											
UEV PSA											
Name	Use case	cause code	sub-cause code	Manu/Auto	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	repetition Duration	repetition Interval	Destination area
Temporary slippery road	D1	6 : Adverse weather conditions – Adhesion	0 : Unavailable	Auto	3600	If after a minimum interval of 20 s, the trigger conditions are still fulfilled the following information is updated: - EventPosition - Quality -referenceTime -DetectionTime - Traces - EventHistory: transmitted and updated only on update . The time elapsed to validity duration is reinitialised.	Not applicable - no cancel, no negation	allTrafficDirection	300S	1s	10 km (default value)
Animal on the road	D2a	11 : Hazardous Location - Animal on the road	0 : Unavailable	Manu	600s	Not applicable for manual	Not applicable for manual	allTrafficdirection	300S	1s	10 km (default value)
People on the road	D2b	12 : Human presence on the road	0 : Unavailable	Manu	1200s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	300S	1 s	10 km (default value)
Obstacle on the road	D3	10 : Hazardous Location - Obstacle on the road	0 : Unavailable	Manu	1200s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	300S	1 s	10 km (default value)
Stationary vehicle, breakdown	D4	94 : Stationary vehicle	0 : Unavailable	Auto	30s (correspond to transmission conditions)	If after an interval of 15 s, the trigger conditions are still fulfilled the following information is updated: - StationarySince - Quality -referenceTime -DetectionTime The time elapsed to validity duration is reinitialised.	only cancel, no negation Once of the following conditions is staisfied before the time set in the DE ValidityDuration is expired, the generation of the cancel shall be requested at the facilities layer within 100ms: a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 5 seconds b) the hazard lights are disabled The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	15s	1s	10 km (default value)
Stationary vehicle, breakdown		94 : Stationary vehicle	2 : Vehicle breakdown	Auto	30s (900s if ignition terminal disabled)	If after an interval of 15 s, the trigger conditions are still fulfilled the following information is updated: - StationarySince - Quality -DetectionTime The time elapsed to validity duration is reinitialised.	only cancel, no negation Once of the following conditions is staisfied before the time set in the DE ValidityDuration is expired, the generation of the cancel shall be requested at the facilities layer within 100ms: a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 5 seconds b) the hazard lights are disabled The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	15s	1s	10 km (default value)
Unprotected accident area		2 : Accident	0 : Unavailable	Manu	1200s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	60s	1s	10 km (default value)

USER UEV PSA											
Name	Use case	cause code	sub-cause code	Manu/Auto	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	repetition Duration	repetition Interval	Destination area
Unprotected accident area	D5	94 : Stationary vehicle	3 : Postcrash	Auto	180s (1800s if ignition disabled)	<p>If after an interval of 60 s, the conditions of cancellation are not fulfilled the following information is updated:</p> <ul style="list-style-type: none"> <li>- StationarySince</li> <li>- Quality</li> <li>-referenceTime</li> <li>-DetectionTime</li> </ul> <p>The time elapsed to validity duration is reinitialised.</p>	<p>only cancel, no negation</p> <p>One one of the following is satisfied before the time period set in the DE ValidityDuration is expired, the generation of a cancellationDENM shall be requested at the facility layer within 100ms:</p> <p>a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 15 seconds</p> <p>b)the position of the vehicle has changed more than 500m (e.g. by a tow away process)</p> <p>The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.</p>	AllTrafficDirection	60s	1s	10 km (default value)
Reduced visibility	D6	18 : Adverse weather conditions - Visibility	0 : Unavailable	Auto	300 s	<p>If after a minimum interval of 20 s, the trigger conditions are still fulfilled the following information is updated:</p> <ul style="list-style-type: none"> <li>- EventPosition</li> <li>- Quality</li> <li>- Traces</li> <li>-referenceTime</li> <li>-DetectionTime</li> <li>- EventHistory: transmitted and updated only on update .</li> </ul> <p>The time elapsed to validity duration is reinitialised.</p>	Not applicable - no cancel, no negation	AllTrafficDirection	180s	4s	10 km default value
Unmanaged blockage of a road	D8	9 : Hazardous location – Surface condition	0 : Unavailable	Manu	3600s	Not applicable for manual	Not applicable for manual	AllTrafficDirection	300S	1s	10 km default value
Emergency breake	D10	99 : Dangerous situation	1 : Emergency electronic brake lights	Auto	5s	<p>If after 100 ms, the trigger conditions are still fulfilled the following information is updated:</p> <ul style="list-style-type: none"> <li>- EventPosition</li> <li>- eventPositionHeading</li> <li>- eventSpeed</li> <li>- Traces</li> <li>-DetectionTime</li> <li>-referenceTime</li> </ul> <p>The time elapsed to validity duration is reinitialised.</p>	Not applicable - no cancel, no negation	AllTrafficDirection	5s	0,1 s	10 km default value
End of queue	D11	27 : Dangerous end of queue	0 : Unavailable	Auto	20s	Not applicable	Not applicable - no cancel, no negation	AllTrafficDirection	20s	0,5s	10 km (default value)
Extreme weather conditions	E6	19 : Adverse weather precipitation – Extreme weather condition	0 : Unavailable	Auto	300 s, re-armed for every update	<p>If after a minimum interval of 30 s, the trigger conditions are still fulfilled the following information is updated:</p> <ul style="list-style-type: none"> <li>- EventPosition</li> <li>- Quality</li> <li>- Traces</li> <li>-referenceTime</li> <li>-DetectionTime</li> <li>- EventHistory: transmitted and updated only on update .</li> </ul> <p>The time elapsed to validity duration is reinitialised.</p>	Not applicable - no cancel, no negation	AllTrafficDirection	180s	4s	10 km

Nota : for mobile RSU mode, see ITSS-R sheet.

GESTIONNAIRE ITSS-VG														
Name	Use case	cause code	sub-cause code	Station type	Manu/Auto	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	Repetition Duration	Repetition Interval	event Position	event History	Destination area
Planned road works - Slow moving Road Maintenance	B1	3 : Roadworks	3 : Slow moving Road Maintenance	10	Manual if equipment are not connected. Automatic if connected.	600s	1s . Fied to be updated: Trace, Eventposition, Eventspeed, referenceTime, DetectionTime. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace.	2 cases: The extinction of the equipment triggers a termination message if the V-ITSS is connected to the equipment. Manual termination by the agent.	UpStream on dual carriageway road AllTrafficDirection on two-way road	600s	250 ms	vehicle position	non used	10 km (default value)
Road operator’s intervention	B2	15 : Rescue and recovery work in progress	0 : unavailable	10	Manual if equipment are not connected. Automatic if connected.	600 sec	600 sec. The same message is send if the triggering conditions are respected. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace. Field to update: detectionTime	2 cases: Manual Termination: If beacon, the vehicle can go one and continue emitting the Denm. The termination is not related to the vehicle stops. Automatic termination when equipment stops working	UpStream on dual carriageway road	600s	250 ms	vehicle position	NA	10 km (default value)
Road operator’s intervention		26 : Slow Vehicle	1 : maintenance Vehicle	10	Automatic if connected Manu if not connected	600 sec	250 ms. Fied to be updated: Trace, Eventposition, Eventspeed, referenceTime. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace.	2 cases: Automatic termination if the R-ITSS-VG sends another DENM or if speed> V defined Manual termination by the agent.	UpStream on dual carriageway road AllTrafficDirection on two-way road	600s	250 ms	vehicle position	NA	5 km
Road operator’s intervention		95 : Emergency vehicle approaching	0 : unavailable	10	manual	20 sec	250 ms. Fied to be updated: Trace, Eventposition, Eventspeed, detectionTime. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace.	manual	Downstream	20s	250 ms	vehicle position	NA	1 km
Winter maintenance	B3	26 : slow vehicle	6 : snow plough	10	automatic or manual	600 sec	600s. Fied to be updated: Trace, Eventposition, Eventspeed, detectionTime. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace.	2 cases: high blade or action of the agent	allTrafficDirection	600s	250 ms	vehicle position	NA	5 km
Winter maintenance		26 : slow vehicle	8 : salting vehicle	10	Automatic if equipment is connected or manual	600 sec	600s. Fied to be updated: Trace, Eventposition, Eventspeed, detectionTime. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace.	2 cases: end of salting or action of the agent.	allTrafficDirection	600S	250 ms	vehicle position	NA	5 km
Winter maintenance		3 : Roadworks	6 : winter service	10	Manual not connected. Automatic if connected.	20s	250 ms.Fied to be updated: Trace, Eventposition, Eventspeed, referenceTime, detectionTime. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace.	2 cases: end of activity or action of the agent.	allTrafficDirection	20s	250 ms	vehicle position	NA	1 km

Nota : for mobile RSU mode, see ITSS-R sheet.

GESTIONNAIRE ITSS-VG														
Name	Use case	cause code	sub-cause code	Station type	Manu/Auto	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	Repetition Duration	Repetition Interval	event Position	event History	Destination area
Temporary slippery road	D1	6 : Adverse weather conditions – Adhesion	0 : Unavailable	5	Auto	3600	If after a minimum interval of 20 s, the trigger conditions are still fulfilled the following information is updated: - EventPosition - Quality - Traces -DetectionTime - EventHistory: transmitted and updated only on update . The time elapsed to validity duration is reinitialised.	Automatic at the end of the event	allTrafficDirection	300s (180s urbain)	1s (4s en urbain)	vehicle position	NA	10 km (default value)
Animal on the road	D2a	11 : Hazardous Location - Animal on the road	0 : Unavailable	5 ou 10	Manu	600s	Not applicable for manual	Manual termination by the agent.	allTrafficdirection	300s	1s			10 km (default value)
People on the road	D2b	12 : Human presence on the road	0 : Unavailable	5 ou 10	Manu	1200s	Not applicable for manual	Manual termination by the agent.	AllTrafficDirection	300 s	1 s			10 km (default value)
Obstacle on the road	D3	10 : Hazardous Location - Obstacle on the road	0 : Unavailable	5 ou 10	Manu	1200s	Not applicable for manual	Manual termination by the agent.	AllTrafficDirection	300 s	1 s			10 km (default value)
Stationary vehicle, breakdown	D4	94 : Stationary vehicle	0 : Unavailable	5	Auto	30s (correspond to transmission conditions )	If after an interval of 15 s, the trigger conditions are still fulfilled the following information is updated: - StationarySince - Quality The time elapsed to validity duration is reinitialised.	only cancel, no negation Once of the following conditions is staisfied before the time set in the DE ValidityDuration is expired, the generation of the cancel shall be requested at the facilities layer within statistical duration of 100ms: a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 5 seconds b) the hazard lights are disabled The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	15s	1s			10 km (default value)
Stationary vehicle, breakdown		94 : Stationary vehicle	2 : Vehicle breakdown	5	Auto	30s (900s if ignition terminal disabled)	If after an interval of 15 s, the trigger conditions are still fulfilled the following information is updated: - StationarySince - Quality -referenceTime -DetectionTime The time elapsed to validity duration is reinitialised.	only cancel, no negation Once of the following conditions is staisfied before the time set in the DE ValidityDuration is expired, the generation of the cancel shall be requested at the facilities layer within a statistical duration of 100ms: a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 5 seconds b) the hazard lights are disabled The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	15s	1s			10 km (default value)
Unprotected accident area		2 : Accident	0 : Unavailable	5	Manu	1200s	Not applicable for manual	Manual termination by the agent.	AllTrafficDirection	60 s	1s			10 km (default

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GESTIONNAIRE ITSS-VG														
Name	Use case	cause code	sub-cause code	Station type	Manu/Auto	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	Repetition Duration	Repetition Interval	event Position	event History	Destination area
Unprotected accident area	D5	94 : Stationary vehicle	3 : Postcrash	5	Auto	180s (1800s if ignition disabled)	If after an interval of 60 s, the conditions of cancellation are not fulfilled the following information is updated: - StationarySince - Quality -referenceTime The time elapsed to validity duration is reinitialised.	only cancel, no negation One one of the following is satisfied before the time period set in the DE ValidityDuration is expired, the generation of a cancellationDENM shall be requested at the facility layer within statistical duration of 100ms a) the absolute value of the ego vehicle velocity is greater than 0 km/h for a duration of 15 seconds b)the position of the vehicle has changed more than 500m (e.g. by a tow away process) The cancellation message is sent with the same values of validityduration, repetitioninterval, repetitionduration than the new DENM.	AllTrafficDirection	60s	1s			10 km (default value)
Reduced visibility	D6	18 : Adverse weather conditions - Visibility	0 : Unavailable	5	Auto	300 s	If after a minimum interval of 20 s, the trigger conditions are still fulfilled the following information is updated: - EventPosition - Quality - Traces -referenceTime -DetectionTime - EventHistory: transmitted and updated only on update . The time elapsed to validity duration is reinitialised.	only cancel	AllTrafficDirection	180 s	4s			10 km (default value)
Unmanaged blockage of a road	D8	9 : Hazardous location – Surface condition	0 : Unavailable	5	Manu	3600s	Not applicable for manual	Manual termination by the agent.	AllTrafficDirection	180 s	4 s			10 km (default value)
Emergency breake	D10	99 : Dangerous situation	1 : Emergency electronic brake lights	5	Auto	5s	If after 100 ms, the trigger conditions are still fulfilled the following information is updated: - EventPosition - eventPositionHeading - eventSpeed - Traces -referenceTime The time elapsed to validity duration is reinitialised.	Not applicable	AllTrafficDirection	5 s	0,1 s			10 km (default value)
End of queue	D11	27 : Dangerous end of queue	0 : Unavailable	5	Auto	20s	Not applicable	Not applicable	AllTrafficDirection	20s	0,5s	vehicle position	NA	10 km (default value)
End of queue	D11	27 : Dangerous end of queue	0 : Unavailable	10	automatic if connected Manual if not	1800s	10s. Fied to be updated: Trace, Eventposition, Eventspeed, Event Heading. The time elapsed to validity duration is reinitialised. In case of a manual update of the event position, the DENM is sent without a trace.	automatic at the end of activity or manual by agent	UpStream on dual carriageway road AllTrafficDirection on two-way road	10s	150 ms	vehicle position	na	10 km (default value)

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GESTIONNAIRE														
ITSS-VG														
Name	Use case	cause code	sub-cause code	Station type	Manu/Auto	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	Repetition Duration	Repetition Interval	event Position	event History	Destination area
Extreme weather conditions	E6	19 : Adverse weather precipitation – Extreme weather condition	0 : Unavailable	5	Auto	300s	If after a minimum interval of 30 s, the trigger conditions are still fulfilled the following information is updated: - EventPosition - Quality - Traces -referenceTime - EventHistory: transmitted and updated only on update . The time elapsed to validity duration is reinitialised.	Not applicable	AllTrafficDirection	180 s	4s			10 km (default value)

ITSS-R													
Name	Use Case	cause code	sub-cause code	Triggering condition - Scenario	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	Repetition Duration	Repetition Interval	event Position	event History	destination area
Planned road works	B1	3 : Roadworks	0 : unavailable	The road operator report a fixed programmed roadwork of a continuous length. Constraint: the validity period of Denm event is limited to 24 hours. If the roadwork is continuous in time and longer than 24 hours, the C-ITS sends updates of Denm in order to have a message Denm by 24h. If the roadwork is discontinuous (closed every night for 5 nights, for example), the C-ITS sends as many messages as periods (5 Denm given in the ex). On two-way roads, two DENM messages will be sent for each direction.	duration of the RW (Validity duration have to be calculated from the detectionTime of the C-ITS)	If the operator enters a continuous roadwork of more than 24 hours, an update messages (86400 sec) is generated; The time elapsed to validity duration is reinitialised.	When RW is finished in the TCC	UpStream	Validity Duration	250 ms	EventPosition is the position of first warning sign.	from the event position to the last sign every 100m	10km
Planned road works - Slow moving traffic		3 : Roadworks	3 : Slow moving Road Maintenance	Like Fixed roadwork - event position can be updated by road operator. On two-way roads, two DENM messages will be sent for each direction.	duration of the RW	If the position changes in the TCC. The time elapsed to validity duration is reinitialised.	When RW is finished in the TCC	UpStream	Validity Duration	250 ms	EventPosition is the position of first warning sign.	from the event position to the last sign every 100m	10km
Temporary slippery road	D1	6 : Adverse weather conditions – Adhesion	0 : Unavailable	The operator manually enters the information into theTCC. The information is then automatically sent to the C-ITSS	1800 s	When there is an update of settings by the operator (eg, location); if the event is not finished, the C-ITS sends an update to extend the validity Denm with the same duration (1800 sec update). The time elapsed to validity duration is reinitialised.	When the operator closes the event.	Upstream if divided dual carriageway road - all Traffic Direction otherwise (default value)	1800s	250ms	Position given by the TCC	Position given by the TCC	10km
Temporary slippery road - heavy frost on road		6 : Adverse weather condition - adhesion	1 : heavy frost on road										
Temporary slippery road - roadsSalted		6 : Adverse weather condition - adhesion	10 : roadsSalted										
Temporary slippery road - fuel on road		6 : Adverse weather condition - adhesion	2 : fuel on road										
Temporary slippery road - mud on road		6 : Adverse weather condition - adhesion	3 : mud on road										
Temporary slippery road - snow on road		6 : Adverse weather condition - adhesion	4 : snow on road										
Temporary slippery road - black ice		6 : Adverse weather condition - adhesion	6 : black ice										
Temporary slippery road - oil on road		6 : Adverse weather condition - adhesion	7 : oil on road										
Temporary slippery road - looseChippings		6 : Adverse weather condition - adhesion	8 : looseChippings										
Temporary slippery road - instantBlackIce		6 : Adverse weather condition - adhesion	9 : instantBlackIce										
Animal on the road	D2a	11 : Hazardous Location - Animal on the road	0 : Unavailable	Detection by the operator of the presence of an animal on the road -Enter input in the TCC and send to the C-ITSS	1800	When there is an update of settings by the operator (eg, location); if the event is not finished, the C-ITS sends an update to extend the validity Denm with the same duration (1800 sec update). The time elapsed to validity duration is reinitialised.	When the operator closes the event.	all Traffic Direction	1800s	250ms	Position given by the TCC	na	10km
Animal on the road - herd of animal		11 : hazardous location – animal on the road	2 : herd of animal	Detection by the operator of the presence of animals on the road -Enter input in the TCC and send to the C-ITSS				all Traffic Direction	1800s	250ms	Position given by the TCC	na	10km
Animal on the road – large animal		11 : hazardous location – animal on the road	4 : large animal	Detection by the operator of the presence of a large animal on the road -Enter input in the TCC and send to the C-ITSS				all Traffic Direction	1800s	250ms	Position given by the TCC	na	10km
People on the road	D2b	12 : Human presence on the road	0 : Unavailable	Detection by the operator of the presence of an pedestrian on the road -Enter input in the TCC and send to the C-ITSS	1800	When there is an update of settings by the operator (eg, location); if the event is not finished, the C-ITS sends an update to extend the validity Denm with the same duration (1800 sec update). The time elapsed to validity duration is reinitialised.	When the operator closes the event.	all Traffic Direction	1800s	250 ms	Position given by the TCC	na	10 km
Obstacle on the road	D3	10 : Hazardous Location - Obstacle on the road	0 : Unavailable	Detection by the operator of the presence of an obstacle on the road -Enter input in the TCC and send to the C-ITSS	1800	When there is an update of settings by the operator (eg, location); if the event is not finished, the C-ITS sends an update to extend the validity Denm with the same duration (1800 sec update). The time elapsed to validity duration is reinitialised.	When the operator closes the event.	all Traffic Direction	1800s	250 ms	Position given by the TCC	na	10 km

ITSS-R													
Name	Use Case	cause code	sub-cause code	Triggering condition - Scenario	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	Repetition Duration	Repetition Interval	event Position	event History	destination area
Stationary vehicle	D4	94 : Stationary vehicle	0 : Unavailable	Detection by the operator of the presence of a stationary vehicle on the road -Enter input in the TCC and send to the C-ITSS	1800	When there is an update of settings by the operator (eg, location); if the event is not finished, the C-ITS sends an update to extend the validity Denm with the same duration (1800 sec update). The time elapsed to validity duration is reinitialised.	When the operator closes the event.	all Traffic Direction	1800s	250 ms	Position given by the TCC	na	10 km
Stationary vehicle, breakdown		94 : Stationary vehicle	2 : Vehicle breakdown	Detection by the operator of the presence of a vehicle breakdown on the road -Enter input in the TCC and send to the C-ITSS	1800			all Traffic Direction	1800s	250 ms	Position given by the TCC	na	10 km
Unprotected accident area	D5	2 : Accident	0 : Unavailable	Detection by the operator of the presence of an accident on the road -Enter input in the TCC and send to the C-ITSS	3600s	On update in the TCC. The time elapsed to validity duration is reinitialised.	On the end of the event in the TCC	Upstream if divided dual carriageway road - all Traffic Direction otherwise ( default value)	3600s	250 ms	Position given by the TCC	N/A	10 km
Unprotected accident area – multi vehicle accident		2 : accident	1 : multi vehicle accident	Detection by the operator of the presence of a multi vehicle accident on the road -Enter input in the TCC and send to the C-ITSS	3600s				3600s	250 ms		N/A	10 km
Unprotected accident area – heavy accident		2 : accident	2 : heavy accident	Detection by the operator of the presence of an accident- unsecured area of accident - Important rescue means - Enter input in the TCC and send to the C-ITSS	7200s				7200s	250 ms		N/A	10 km
Unprotected accident areae –truck		2 : accident	3 : accident involving lorry	Detection by the operator of the presence of an accident- unsecured area of accident - heacy trucks - Enter input in the TCC and send to the C-ITSS	7200s				7200s	250 ms		N/A	10 km
Unprotected accident area - Bus		2 : accident	4 : accident involving bus	Detection by the operator of the presence of an accident- unsecured area of accident -Bus- Enter input in the TCC and send to the C-ITSS	7200s				7200S	250 ms		N/A	10 km
Unprotected accident area – hazardous material		2 : accident	5 : accident involving hazardous materials	Detection by the operator of the presence of an accident- unsecured area of accident - hazardous materials - Enter input in the TCC and send to the C-ITSS	7200s				7200s	250 ms		N/A	10 km
Unprotected accident area		2 : accident	7 : unsecured Accident	Detection by the operator of the presence of an accident- unsecured area of accident - Enter input in the TCC and send to the C-ITSS	3600s				3600s	250 ms		N/A	10 km

ITSS-R													
Name	Use Case	cause code	sub-cause code	Triggering condition - Scenario	Validity Duration (s)	Update	Termination	Relevance Traffic Direction	Repetition Duration	Repetition Interval	event Position	event History	destination area
D6 : Alerte Visibilité réduite	D6	18 : Adverse weather conditions - Visibility	0 : Unavailable	Detection by the operator of the event - Enter input in the TCC and send to the C-ITSS	1800	When there is an update of settings by the operator (eg, location); if the event is not finished, the C-ITS sends an update to extend the validity Denm with the same duration (1800 sec update).The time elapsed to validity duration is reinitialised.	When the operator closes the event.	all Traffic Direction	1800s	250ms	Position given by the TCC	Position given by the TCC	10km
Reduced visibility - fog		18 : adverse weather condition - visibility	1 : fog										
Reduced visibility- smoke		18 : adverse weather condition - visibility	2 : smoke										
Reduced visibility –heavy snow fall		18 : adverse weather condition - visibility	3 : heavySnowfall										
Reduced visibility - heavy rain		18 : adverse weather condition - visibility	4 : heavy Rain										
Reduced visibility - heavy hail		18 : adverse weather condition - visibility	5 : heavy Hail										
Unmanaged blockage of a road – rock falls	D8	9 : Hazardous location – surface condition	1 : rock falls	Detection by the operator of theevent - unhandled Obstruction - Enter input in the TCC and send to the C-ITSS	3600	When there is an update of settings by the operator (eg, location); if the event is not finished, the C-ITS sends an update to extend the validity Denm with the same duration (3600 sec update). The time elapsed to validity duration is reinitialised.	When the operator closes the event.	Upstream if divided dual carriageway road - all Traffic Direction otherwise ( default value)	3600s	250ms	Position given by the TCC	na	10km
Unmanaged blockage of a road – subsidence		9 : Hazardous location – surface condition	4 : subsidence										10km
Unmanaged blockage of a road – snow drifts		9 : Hazardous location – surface condition	5 : snow drifts										10km
Unmanaged blockage of a road – burst pipe		9 : Hazardous location – surface condition	7 : burst pipe										10km
End of queue	D11	27 : Dangerous end of queue	0 : Unavailable	By oral / telephone information, by camera or vision or by automatic incident detection, the operator CIGT is able to position an end of queue and transmits the issue with Denm.	1800s	When the operator changes one or more information about the event or before the end of the validity if the operator did not finish the event. The time elapsed to validity duration is reinitialised.	When the operator closes the event.	Upstream if divided dual carriageway road - all Traffic Direction otherwise ( default value)	1800s	250ms	Position given by the TCC	na	10km
Extreme weather conditions - strong winds	E6	17 : Adverse weather condition – extreme weather condition	1 : strong winds	The operatohas weather information (weather forecast and current events) and wishes to communicate.	1800	When the operator changes one or more information about the event. The time elapsed to validity duration is reinitialised.	When the end date is reached or if the operator wants to end it.	all Traffic Direction	1800s	250 ms	Position given by the TCC	Position given by the TCC	10 km
Extreme weather conditions - thunders torm		17 : Adverse weather condition – extreme weather condition	4 : thunderstorm										