**Release Overview
CAR 2 CAR Communication Consortium**

About the C2C-CC

Enhancing road safety and traffic efficiency by means of Cooperative Intelligent Transport Systems and Services (C-ITS) is the dedicated goal of the CAR 2 CAR Communication Consortium. The industrial driven, non-commercial association was founded in 2002 by vehicle manufacturers affiliated with the idea of cooperative road traffic based on Vehicle-to-Vehicle Communications (V2V) and supported by Vehicle-to-Infrastructure Communications (V2I). The Consortium members represent worldwide major vehicle manufactures, equipment suppliers and research organisations.

Over the years, the CAR 2 CAR Communication Consortium has evolved to be one of the key players in preparing the initial deployment of C-ITS in Europe and the subsequent innovation phases. CAR 2 CAR members focus on wireless V2V communication applications based on ITS-G5 and concentrate all efforts on creating standards to ensure the interoperability of cooperative systems, spanning all vehicle classes across borders and brands. As a key contributor, the CAR 2 CAR Communication Consortium and its members work in close cooperation with the European and international standardisation organisations.

Disclaimer

Document information

Number:	2000	Version:	n.a.	Date:	2024-12-13
Title:	Release Overview			Document Type:	TR
Release	1.6.7				
Release status:	Public				
Status:	Final				

Table 1: Document information

Changes since last release

Release	Date	Changes	Edited by	Approved
1.6.7	2024-12-13	Updated according to R1.6.7	Release Management	Steering Committee
1.6.6	2024-07-12	Updated according to R1.6.6	Release Management	Steering Committee
1.6.5	2023-12-15	Updated according to R1.6.5	Release Management	Steering Committee
1.6.4	2023-07-21	Updated according to R1.6.4	Release Management	Steering Committee
1.6.3	2022-12-16	Updated according to R1.6.3	Release Management	Steering Committee
1.6.2	2022-07-22	Updated according to R1.6.2	Release Management	Steering Committee
1.6.1	2021-12-17	Updated according to R1.6.1	Release Management	Steering Committee
1.6.0	2021-07-23	Updated according to R1.6.0	Release Management	Steering Committee
1.5.3	2021-03-12	Updated according to R1.5.3	Release Management	Steering Committee
1.5.2	2021-12-16	Updated according to R1.5.2	Release Management	Steering Committee
1.5.1	2020-07-31	Updated according to R1.5.1	Release Management	Steering Committee
1.5.0	2020-03-27	Initially provided	Release Management	Steering Committee

Table 2: Changes since last release

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None

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1   Introduction

Other (informational)   **TR_ RelOv_00147**

The CAR 2 CAR Communication Consortium is pleased to provide the release 1.6.7 on the 13th of December 2024.

2   Scope

Other (informational)   **TR_ RelOv_00146**

This Release Overview provides information on the specifications which are part of this release, like:

- which deliverables are part of the release or
- what are the changes since the last release.

3   Conventions used

Other (informational)   **TR_RelOv_00152**

Conventions used in this and other C2C-CC specification documents can be found in [C2CCC ConV].

4   Deliverables

The following table shows all documents which are part of this release (1.6.7):

Table 3: Deliverables

UID	Abbreviation	Symbol for Referencing		Long Name	File Name
2000	RelOv	[C2CCC RelOv]		Release Overview	C2CCC_TR_2000_ReleaseOverview.pdf
2002	tcAdWe	[C2CCC tc Docs]	[C2CCC tcAdWe]	Triggering Conditions and Data Quality Adverse Weather Conditions	C2CCC_RS_2002_AdverseWeather.pdf
2003	tcDaSi		[C2CCC tcDaSi]	Triggering Conditions and Data Quality Dangerous Situation	C2CCC_RS_2003_DangerousSituation.pdf
2004	tcIRC		[C2CCC tcIRC]	Triggering Conditions and Data Quality Exchange of IRCs	C2CCC_RS_2004_ExchangeofIRC.pdf
2005	tcSpVe		[C2CCC tcSpVe]	Triggering Conditions and Data Quality Special Vehicle Warning	C2CCC_RS_2005_SpecialVehicle.pdf
2006	tcStVe		[C2CCC tcStVe]	Triggering Conditions and Data Quality Stationary Vehicle Warning	C2CCC_RS_2006_StationaryVehicle.pdf
2007	tcTrJa		[C2CCC tcTrJa]	Triggering Conditions and Data Quality Traffic Condition	C2CCC_RS_2007_TrafficCondition.pdf
2035	OBJ	[C2CCC OBJ]		Objectives	C2CCC_RS_2035_Objectives
2036	FEA	[C2CCC FEA]		Features	C2CCC_RS_2036_Features
2037	BSP	[C2CCC BSP]		Vehicle C-ITS station Profile	C2CCC_RS_2037_Profile
2052	Refs	[C2CCC Refs]		Reference list	C2CCC_RS_2052_References
2053	Glos	[C2CCC Glos]		Glossary	C2CCC_TR_2053_Glossary
2056	HSM	[C2CCC HSM]		Protection Profile V2X Hardware Security Module	C2CCC_PP_2056_HSM
2080	ARI	[C2CCC ARI]		Automotive Requirements for the Infrastructure to Vehicle Information (IVI) Service	C2CCC_RS_2080_IVI_AutomotiveRequirements
2086	ConV	[C2CCC ConV]		Conventions used	C2CCC_TR_2086_Conventions
2302	VCS	[C2CCC VCS]		Protection Profile Vehicle C-ITS Station	C2CCC_PP_2302_VCS

UID	Abbreviation	Symbol for Referencing	Long Name	File Name
2305	DENMM	[C2CCC DENMM]	Mapping between DENM and other message formats	C2CCC_TR_2305_DENM_Mapping
2309	AS	[C2CCC AS]	Assessment Sheet for C-ITS standards conformity	C2CCC_TR_2309_AssessmentSheet
2310	AG	[C2CCC AG]	Guide for C-ITS standards conformity	C2CCC_WP_2310_AssessmentGuide
2311	AT	[C2CCC AT]	Template for the declaration on C-ITS standards conformity	C2CCC_TR_2311_AssessmentDeclartionTemplate

The entries of column 'Symbol for Referencing' are used to reference documents of this release. Furthermore, the symbol: [C2CCC tc Docs] represents all Triggering Condition documents as in the table above.

5 Change history

5.1 In general

The achievements of this release are:

- C2C specifications and profiles cover further vehicle type *cycle* now;
- marking of requirement variants, e.g., for specific vehicle types or roles, like *cycle* specific aspects, has been introduced and
- triggering rate of use case: *sudden speed drop* has been fundamentally improved.

5.2 Per document

The following table shows the changes since the last release per document:

Table 4: Change history per document

UID	Long Name	History
2000	Release Overview	• Adapted according to release 1.6.7
2002	Triggering Conditions and Data Quality Adverse Weather Conditions	• No changes
2003	Triggering Conditions and Data Quality Dangerous Situation	• No changes
2004	Triggering Conditions and Data Quality Exchange of IRCs	• No changes
2005	Triggering Conditions and Data Quality Special Vehicle Warning	• No changes
2006	Triggering Conditions and Data Quality Stationary Vehicle Warning	• No changes
2007	Triggering Conditions and Data Quality Traffic Condition	• Improvement of trigger rate of use case: sudden speed drop
2035	Objectives	• No changes
2036	Features	• No changes
2037	Vehicle C-ITS station profile	• Coverage of vehicle type *cycle* fundamentally improved
2052	Reference list	Updated informative references: • [C-ITS CP] V1.1 to V3.0 • [C-ITS SP] V1 to V3.0
2053	Glossary	• No changes
2056	Protection Profile V2X Hardware Security Module	• No content changes o Certificate is linked in the document
2080	Automotive Requirements for the Infrastructure to Vehicle Information (IVI) Service	• Changed RS_ARI_101 as it had been a duplicate of RS_ARI_102 before
2086	Conventions used	Introduced marking for requirement variants, e.g., for specific vehicle types or roles, by:

		• Merging of: TR_ConV_163 into TR_ConV_159 • Extending TR_ConV_159 by the new flags (#cycle), (#ptw) and (#aftermarket) of the (newly) supported vehicle type.
2302	Protection Profile Vehicle C-ITS Station	• Will be made available after certification
2305	Mapping between DENM and other message formats	• No changes
2309	Assessment Sheet for C-ITS standards conformity	• No changes
2310	Guide for C-ITS standards conformity	• No changes
2311	Template for the declaration on C-ITS standards conformity	• No changes

5.3 Per requirement

The following table shows the changes since the last release per requirement:

Table 5: Change history per requirement

Note: Requirement changes due to removal or initial release of whole documents are not listed here. For such information, please refer rather to clause 5.2.

Change			
Affected requirement	**Kind of change**		
ID	**Added**	**Changed**	**Removed**
RS_BSP_158		X	
RS_BSP_214		X	
RS_BSP_445		X	
RS_BSP_449		X	
RS_BSP_534		X	
RS_BSP_538		X	
RS_BSP_579	X		
RS_BSP_580	X		
RS_BSP_581	X		
RS_tcTrJa_105		X	
RS_tcTrJa_107		X	
RS_tcTrJa_108		X	
RS_tcTrJa_134		X	
TR_ConV_159		X	
TR_ConV_163			X

Also available as Excel file for C2C-CC members:
- https://collab.car-2-car.org/index.php/f/78908

6   Known issues

The *Protection Profile Vehicle C-ITS Station (UID 2305)* will only be made available after certification