



**Intelligent Transport Systems (ITS);
Vehicular Communications;
GeoNetworking;
Part 5: Transport Protocols;
Sub-part 1: Basic Transport Protocol;
Release 2**

Reference

DTS/ITS-233

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ETSI

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Intelligent Transport Systems (ITS).

The present document is part 5, sub-part 1, of a multi-part deliverable covering the Vehicular Communications; GeoNetworking, as identified below:

Part 1: "Requirements";

Part 2: "Scenarios";

Part 3: "Network Architecture";

Part 4: "Geographical addressing and forwarding for point-to-point and point-to-multipoint communications";

Part 5: "Transport Protocols";

Sub-part 1: "Basic Transport Protocol; Release 2";

Part 6: "Internet Integration".

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

1 Scope

The present document is the baseline for the definition of the Release 2 Basic Transport Protocol (BTP).

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents are necessary for the application of the present document.

- [1] ETSI EN 302 636-5-1 (V2.2.1) (05-2019): "Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 5: Transport Protocols; Sub-part 1: Basic Transport Protocol".

2.2 Informative references

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

Not applicable.

3 Definition of terms, symbols and abbreviations

3.1 Terms

For the purposes of the present document, the terms given in ETSI EN 302 636-5-1 [1] apply.

3.2 Symbols

For the purposes of the present document, the symbols given in ETSI EN 302 636-5-1 [1] apply.

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in ETSI EN 302 636-5-1 [1] apply.

4 Use of references and numbering in Release 2 specifications

TC ITS specifications are developed in Releases and each Release needs to be self-consistent. The following rules apply:

- All Release 2 deliverables have a version 2.Y.Z.
- "Release 2" appears at the end of the title.
- A non-specific reference to an ETSI technical specification or technical report implicitly refers to the latest version of that document in Release 2.
- A Release 2 Technical Specification published with version 2.0.0 includes the same normative provisions as the latest version of the same Technical Specification in Release 1.

5 Normative Provisions

ETSI EN 302 636-5-1 [1] shall apply altogether.

History

Document history		
V2.0.0	November 2022	Publication