

ETSI TS 102 636-5-1 V1.1.1 (2011-02)

Technical Specification

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

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ETSI TS 102 636-5-1 V1.1.1 \(2011-02\)](https://standards.iteh.ai/catalog/standards/etsi/89b08263-0c66-4502-a37a-317274b60b8a/etsi-ts-102-636-5-1-v1-1-1-2011-02)

<https://standards.iteh.ai/catalog/standards/etsi/89b08263-0c66-4502-a37a-317274b60b8a/etsi-ts-102-636-5-1-v1-1-1-2011-02>



Reference

DTS/ITS-0030006

Keywords
addressing, ITS, network, point-to-multipoint,
point-to-point, protocol

ETSI
650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

(<https://standards.iteh.ai>)
Document Preview

Important notice

Individual copies of the present document can be downloaded from:
<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, please send your comment to one of the following services:

http://portal.etsi.org/chaicor/ETSI_support.asp

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2011.
All rights reserved.

DECTTM, PLUGTESTSTM, UMTSTM, TIPHONTM, the TIPHON logo and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.

3GPPTM is a Trade Mark of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

LTETM is a Trade Mark of ETSI currently being registered for the benefit of its Members and of the 3GPP Organizational Partners.

GSM® and the GSM logo are Trade Marks registered and owned by the GSM Association.

Contents

Intellectual Property Rights	4
Foreword.....	4
Introduction	4
1 Scope	5
2 References	5
2.1 Normative references	5
2.2 Informative references.....	5
3 Definitions and abbreviations.....	6
3.1 Definitions.....	6
3.2 Abbreviations	6
4 Services provided by the Basic Transport Protocol	6
5 Format convention.....	7
6 BTP packet structure	8
7 BTP header	8
7.1 Overview	8
7.2 BTP-A header.....	9
7.2.1 Structure of the BTP-A header	9
7.2.2 Fields of the BTP-A header	9
7.3 BTP-B header.....	9
7.3.1 Structure of the BTP-B header.....	9
7.3.2 Fields of the BTP-B header	9
8 Protocol operations.....	10
8.1 General	10
8.2 Source operations	10
8.3 Destination operations	11
Annex A (informative): BTP data services.....	12
A.1 General	12
A.2 BTP-Data.request	12
A.3 BTP-Data.indication.....	13
Annex B (informative): Bibliography.....	14
History	15