Intelligent Transport Systems (ITS);
Application Object Identifier (ITS-AID);
Registration
Contents

Intellectual Property Rights ...................................................................................................................... 4
Foreword .................................................................................................................................................... 4
Modal verbs terminology ......................................................................................................................... 4
Introduction .................................................................................................................................................. 4
  1 Scope .................................................................................................................................................... 5
  2 References .............................................................................................................................................. 5
    2.1 Normative references ....................................................................................................................... 5
    2.2 Informative references ................................................................................................................... 5
  3 Definition of terms, symbols and abbreviations ....................................................................................... 6
    3.1 Terms ................................................................................................................................................ 6
    3.2 Symbols ............................................................................................................................................. 6
    3.3 Abbreviations .................................................................................................................................. 6
  4 ITS-AID registration list ......................................................................................................................... 6

Annex A (normative): ITS-AID assigned for ETSI ITS ............................................................................ 7

History .......................................................................................................................................................... 8
Intellectual Property Rights

Essential patents

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for ETSI members and non-members, and can be found in ETSI SR 000 314: “Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards”, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (https://ipr.etsi.org/).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

Foreword

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

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.

Introduction

The present document is in support of global registration for ITS-AID values for purposes of ETSI TC ITS. The technical issue of globally unique identifiers and addresses, one of which is ITS-AID, is standardized in CEN ISO/TS 17419 [1].
1 Scope

The present document:

- provides a hyperlink to a template to request a new entry in the list;
- lists the assigned ITS-AID values for ETSI-ITS.

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.

Referenced documents which are not found to be publicly available in the expected location might be found at https://docbox.etsi.org/Reference.

NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

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


2.2 Informative 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.

NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

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.

[i.1] Void.

[i.2] ETSI EN 302 637-2: "Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 2: Specification of Cooperative Awareness Basic Service".

[i.3] ETSI EN 302 637-3: "Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Part 3: Specifications of Decentralized Environmental Notification Basic Service".

[i.4] ETSI TS 103 301: "Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Facilities layer protocols and communication requirements for infrastructure services".

[i.5] ETSI EN 302 636-4-1: "Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 4: Geographical Addressing and Forwarding for Point-to-Point and Point-to-Multipoint Communications; Sub-part 1: Media-Independent Functionality".

[i.6] ETSI EN 302 890-1: "Intelligent Transport Systems (ITS); Facilities layer function; Part 1: Services Announcement (SA) specification".
3 Definition of terms, symbols and abbreviations

3.1 Terms
For the purposes of the present document, the terms given in CEN ISO/TS 17419 [1] apply.

3.2 Symbols
Void.

3.3 Abbreviations
For the purposes of the present document, the abbreviations given in CEN ISO/TS 17419 [1] apply.

4 ITS-AID registration list
The assigned ITS-AID values for ETSI-ITS are provided in Annex A.
In order to request assignment of an ITS-AID the applicant shall use the template given in CEN ISO/TS 17419 [1].
Annex A (normative): ITS-AID assigned for ETSI ITS

ETSI Cooperative ITS shall use the assigned ITS-AIDs provided in Table A.1.

Table A.1: ETSI ITS standardized ITS-AIDs

<table>
<thead>
<tr>
<th>Date of application</th>
<th>ITS-AID value</th>
<th>Length in octets</th>
<th>ITS application name</th>
<th>Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 2015</td>
<td>36</td>
<td>1</td>
<td>CA Basic service</td>
<td>ITS application</td>
<td>CA basic service is specified in ETSI EN 302 637-2 [i.2]</td>
</tr>
<tr>
<td>January 2015</td>
<td>37</td>
<td>1</td>
<td>DEN Basic service</td>
<td>ITS application</td>
<td>DEN basic service is specified in ETSI EN 302 637-3 [i.3]</td>
</tr>
<tr>
<td>January 2015</td>
<td>137</td>
<td>2</td>
<td>TLM service</td>
<td>ITS application class</td>
<td>TLM service as specified in ETSI TS 103 301 [i.4]</td>
</tr>
<tr>
<td>January 2015</td>
<td>138</td>
<td>2</td>
<td>RLT service</td>
<td>ITS application class</td>
<td>RLT service as specified in ETSI TS 103 301 [i.4]</td>
</tr>
<tr>
<td>January 2015</td>
<td>139</td>
<td>2</td>
<td>IVI service</td>
<td>ITS application class</td>
<td>IVI service as specified in ETSI TS 103 301 [i.4]</td>
</tr>
<tr>
<td>February 2016</td>
<td>141</td>
<td>2</td>
<td>GeoNetworking Management Communications (GN-MGMT)</td>
<td>ITS application</td>
<td>GeoNetworking Management Communications as specified in ETSI EN 302 636-4-1 [i.5]</td>
</tr>
<tr>
<td>November 2017</td>
<td>540 801</td>
<td>3</td>
<td>SA service</td>
<td>ITS application</td>
<td>SA service as specified in ETSI EN 302 890-1 [i.6]</td>
</tr>
<tr>
<td>March 2018</td>
<td>622</td>
<td>2</td>
<td>CRL service</td>
<td>ITS application</td>
<td>CRL service as specified in ETSI TS 102 941 [i.7]</td>
</tr>
<tr>
<td>March 2018</td>
<td>623</td>
<td>2</td>
<td>Secured certificate request service</td>
<td>ITS application</td>
<td>Secure certificate request service as specified in ETSI EN 302 636-4-1 [i.7]</td>
</tr>
<tr>
<td>March 2018</td>
<td>624</td>
<td>2</td>
<td>CTL service</td>
<td>ITS application</td>
<td>CTL service as specified in ETSI TS 102 941 [i.7]</td>
</tr>
<tr>
<td>July 2018</td>
<td>540 802</td>
<td>3</td>
<td>GPC service</td>
<td>ITS application</td>
<td>GPC service as specified in ETSI TS 103 301 [i.4]</td>
</tr>
<tr>
<td>January 2020</td>
<td>639</td>
<td>2</td>
<td>CP Service</td>
<td>ITS application</td>
<td>CP service</td>
</tr>
<tr>
<td>January 2020</td>
<td>638</td>
<td>2</td>
<td>VRU Service</td>
<td>ITS application</td>
<td>VRU service</td>
</tr>
<tr>
<td>January 2020</td>
<td>140</td>
<td>2</td>
<td>TLC Request Service</td>
<td>ITS application</td>
<td>Infrastructure service is specified in ETSI TS 103 301 [i.4]</td>
</tr>
<tr>
<td>January 2020</td>
<td>637</td>
<td>2</td>
<td>TLC Status Service</td>
<td>ITS application</td>
<td>Infrastructure service is specified in ETSI TS 103 301 [i.4]</td>
</tr>
</tbody>
</table>
## History

<table>
<thead>
<tr>
<th>Document history</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>V1.1.1</strong> March 2013</td>
</tr>
<tr>
<td><strong>V1.2.1</strong> June 2015</td>
</tr>
<tr>
<td><strong>V1.3.1</strong> November 2016</td>
</tr>
<tr>
<td><strong>V1.4.1</strong> November 2018</td>
</tr>
<tr>
<td><strong>V1.5.1</strong> January 2020</td>
</tr>
</tbody>
</table>