Proposal for extension of DETA to improve the use of the UNIQUE IDENTIFIER for UN Regulations

As introduced and accepted by WP.29 IWG on DETA
UNIQUE IDENTIFIER / DETA Database
Legal Basis / Motivation

Legal Basis: 1958 Agreement Revision 3 Schedule 5:
“... the approval markings required by UN Regulations may be replaced by a Unique Identifier (UI) preceded by the symbol UI, unless specified otherwise in the UN Regulations.”

Device markings (depending on Regulation text)
- Approval marking
- Other marking
- ....

Marking example for lighting & light-signalling Regulations

Approval marking

Light sources / modules used in the device

Trademark / Logo of manufacturer

Rated voltage

12V

<table>
<thead>
<tr>
<th>R1</th>
<th>S1</th>
<th>2aY</th>
<th>F1</th>
<th>AR</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>3169</td>
<td>3170</td>
<td></td>
<td></td>
</tr>
<tr>
<td>148R00</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

P21W
P21/5W
PY21W
MD E4 3349

ACME

Legal Basis: 1958 Agreement Revision 3 Schedule 5:
“... the approval markings required by UN Regulations may be replaced by a Unique Identifier (UI) preceded by the symbol UI, unless specified otherwise in the UN Regulations.”
**UNIQUE IDENTIFIER / DETA Database**

**Motivation / Text of the Regulation (R148, R149, R150)**

The (traditional) **Approval Marking** specifies (Example R148):

1. The number of the type approval
2. The contracting party (country) who is responsible for the type approval
3. The Regulation Number the device was type approved to
4. The status of the Regulation at the time of type approval
5. The different functions that are included in the device
6. Any possible restrictions in mounting height
7. Any possible restrictions in mounting position
8. Any possible restriction to the number of devices necessary (D or Y)

**IMPORTANT:**
All these markings must be visible after the installation of the device on the vehicle

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**MAY BE REPLACED BY**

The (new) **Unique Identifier Marking** specifies:

1. The unique number for accessing the DETA

**IMPORTANT:**
All these markings must be visible after the installation of the device on the vehicle

With **UI** currently required information becomes invisible, unless you are one of the existing user groups in DETA
Redefine the approval marking

Solution A

Result: All the necessary information is available as it is not replaced by the UI

Solution B

Amend DETA

Result: All the necessary information is available but part of DETA

Motivation / Possible solutions

Electronic database (DETA)
- Information
- Information
- Information
UNIQUE IDENTIFIER / DETA Database
Motivation / Reason for the chosen solution

Example: Device used as a beam contributor for different AFS systems

Approval marking
(On any fixed part visible after installation i.e. lens)

Unique Identifier
(On any fixed part visible after installation i.e. lens)

The presence of the marking in front of the optics could have an influence on the quality of the optical system
Part A: Document management

- Create a new „Summary“ document in DETA (PDF)
  showing for example, depending on GRs decisions for each Regulation:
  - Description
  - Traditional markings / Explaining text
  - If they exist, limitations to the installation and/or use

Part B: Usergroup management

- Create a new usergroup in DETA
- Usergroup level: Public (e.g. law enforcement, repair shops, etc.)
- Usergroup rights: Read only the „Summary“ document
- The public has only access to the „Summary“ document stored in DETA via a separate web application.
The above information, except for the alternative marking, is available somewhere in the existing documents in DETA. According to the currently proposed usergroups matrix, this information could be found by authorised experts only, but not by anyone else. The existing documents also contain a lot of information that is not for public view in any case!
All decisions to be made by each GR separately for each Regulation
### UNIQUE IDENTIFIER / DETA Database

Details of the amendment to DETA – Part B

#### Part B – Usergroup management

<table>
<thead>
<tr>
<th>USERGROUPS DETA</th>
<th>CERT (communication on type approval)</th>
<th>TR (test report)</th>
<th>IF (information document)</th>
<th>OTHER (other document)</th>
<th>&quot;Summary&quot; (PDF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approval granting TAA (for granted approval)</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td>W</td>
<td>W</td>
</tr>
<tr>
<td>CP applying the UN Reg. for which the approval was granted **</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>CP applying UN Reg. 0 (access to the approvals of RO and the annexed UN Regulations)</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>CPs not applying that UN Reg.</td>
<td>R</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>R</td>
</tr>
<tr>
<td>Manufacturer *)  (only for own approvals)</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Periodical technical inspection, Law enforcement bodies, Repair shops</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>R</td>
</tr>
</tbody>
</table>

*) Manufacturers get access upon request to the DETA Administrator.

**) The DETA focal point may provide access to the Market Surveillance Authority of his/her Country, subject to adherence with para. 91 of ECE/TRANS/ WP.29/1145.

**Explanation:**

- R = read
- W = read + write + delete

- Existing access rights
- And documents (177th + 183rd WP.29)
- Additional summary document
- Additional usergroup

The public has only read access right of the new document “Summary“ via a separate web application.
BACKUP
The explanation below is based on the text of Regulation No. 148, draft series 01

3.3.2. „Approval Marking“

3.3.2.1.1. „Approval mark“
3.3.2.1.2. „four to six digit sequential number“
3.3.2.1.3. „Symbols“
3.3.2.1.4. „Regulation Number + „R“ + Series“
3.3.2.1.5. „Additional symbols“

3.3.3. „Unique Identifier“

3.3.4. „Other marking“

3.3.4.x. Trademark, Modulemarking, Voltage,(Substitute) light source category ....

„Approval number“ acc. to schedule 4 of the 1958 agreement