

Transmitted by the IWG on DETA

Informal document **GRVA-11-11**  
11th GRVA, 27 Sept. – 1 Oct. 2021  
Provisional agenda item 12(a)



# **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

**Based on DETA-41-06/Rev.1 and SLR-48-15**

# UNIQUE IDENTIFIER / DETA Database

## Legal Basis / Motivation

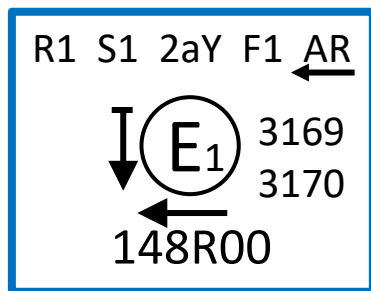
### Legal Basis: 1958 Agreement Revision 3 Schedule 5:

“... the approval markings required by UN Regulations may be replaced by a Unique Identifier (UI) preceded by the symbol , unless specified otherwise in the UN Regulations.”

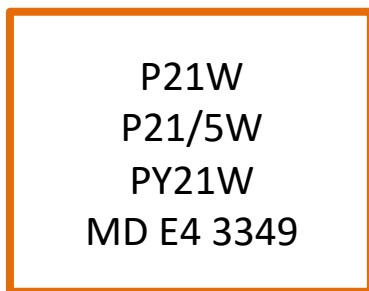
### Device markings (depending on Regulation text)

- Approval marking
- Other marking
- ....

### Marking example for lighting & light-signalling Regulations



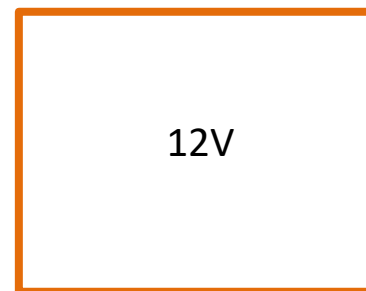
Approval marking



Light sources /  
modules used in  
the device



Trademark / Logo  
of manufacturer



Rated voltage

# 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)

3170  
E1  
148R  
(series) 00  
R1 S1 2aY F1 AR  
↓  
←  
(2a)Y



#### **IMPORTANT:**

ALL these markings must be visible after the installation of the device on the vehicle

### **MAY BE REPLACED BY**

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

1. The unique number for accessing the DETA

270650



#### **IMPORTANT:**

ALL these markings must be visible after the installation of the device on the vehicle

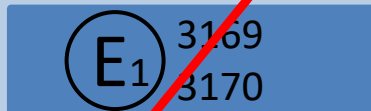
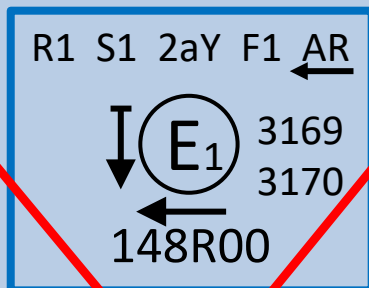
**With UI currently required information becomes invisible, unless you are one of the existing user groups in DETA**

# UNIQUE IDENTIFIER / DETA Database

## Motivation / Possible solutions

### Solution A

Redefine the approval marking



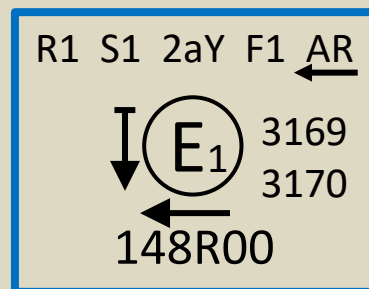
OR



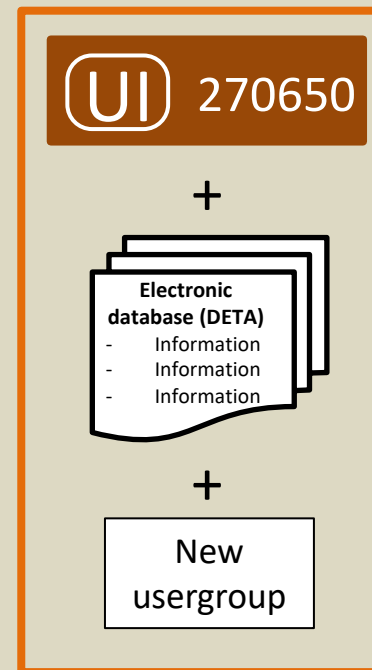
Result: All the necessary information is available as it is not replaced by the UI

### Solution B

Amend DETA



OR



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

# UNIQUE IDENTIFIER / DETA Database

Motivation / Reason for the chosen solution

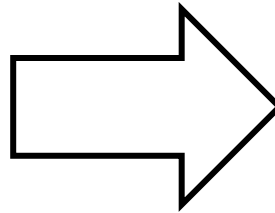
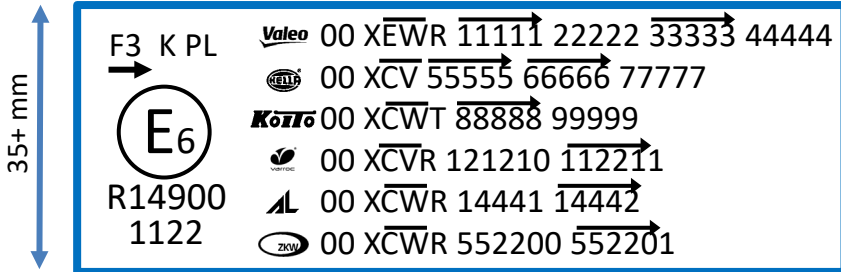
Example: Device used as a beam contributor for different AFS systems

## Approval marking

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

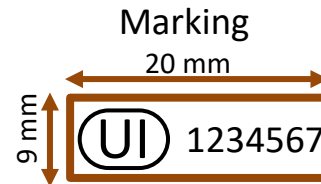


60+ mm

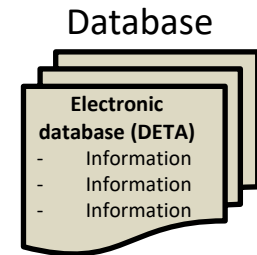


## Unique Identifier

(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*

## UNIQUE IDENTIFIER / DETA Database

### Details of the amendment to DETA

#### **Proposal - Make the relevant information available to those dependent on the content**

##### 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*

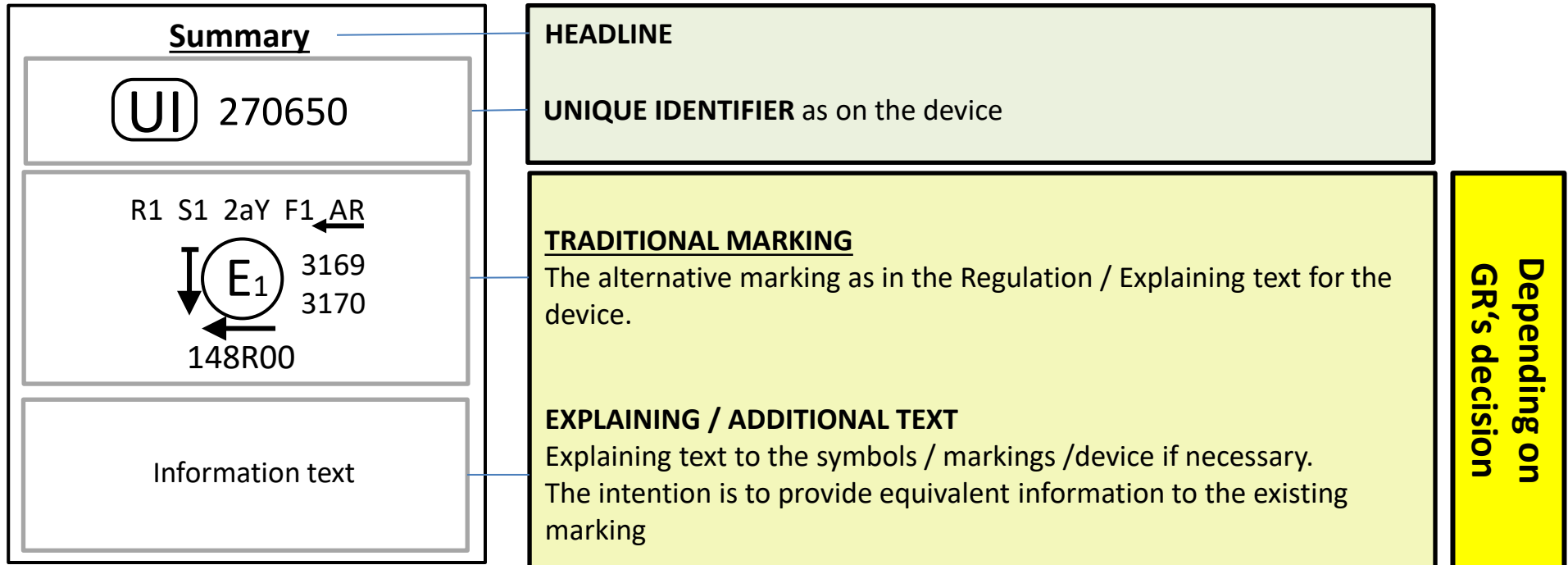
##### Part B: Usergroup management

- **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.

# UNIQUE IDENTIFIER / DETA Database

## Details of the amendment to DETA – Part A

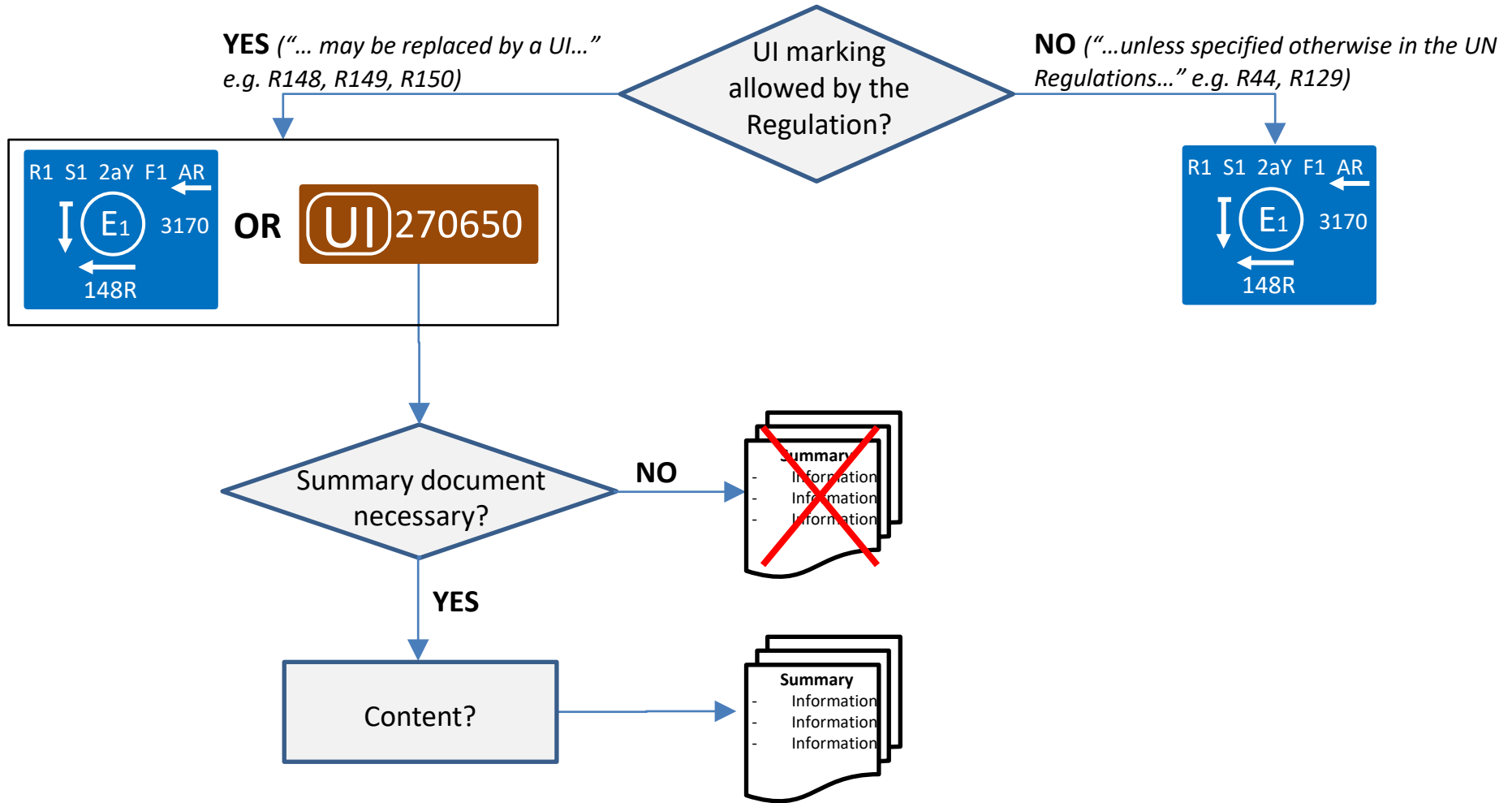
### Part A – „Summary“ document management



*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!*

# UNIQUE IDENTIFIER / DETA Database

## Details of the amendment to DETA – Part A



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

		DOCUMENTS AVAILABLE IN DETA					+
		CERT (communication on type approval)	TR (test report)	IF (information document)	OTHER (other document)	"Summary" (PDF)	
USERGROUPS DETA	Approval granting TAA (for granted approval)	W	W	W	W	W	<div style="border: 1px solid red; padding: 2px;">                     Existing access rights                      And documents (177<sup>th</sup> + 183<sup>rd</sup> WP.29)                 </div> <div style="border: 1px solid red; padding: 2px; margin-top: 5px;">                     Additional summary document                 </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">                     Additional usergroup                 </div>
	CP applying the UN Reg. for which the approval was granted **)	R	R	R	R	R	
	CP applying UN Reg. 0 (access to the approvals of R0 and the annexed UN Regulations)	R	R	R	R	R	
	CPs not applying that UN Reg.	R	-	-	-	R	
	Manufacturer *) (only for own approvals)	R	R	R	R	R	
+	Periodical technical inspection, Law enforcement bodies, Repair shops	-	-	-	-	R	The public has only read access right of the new document „Summary“ via a separate web application

Explanation:

R = read

W = read + write + delete

Existing access rights  
And documents (177<sup>th</sup> + 183<sup>rd</sup> WP.29)

Additional summary document

Additional usergroup

The public has only read access  
right of the new document  
„Summary“ via a separate web  
application

\*) 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.

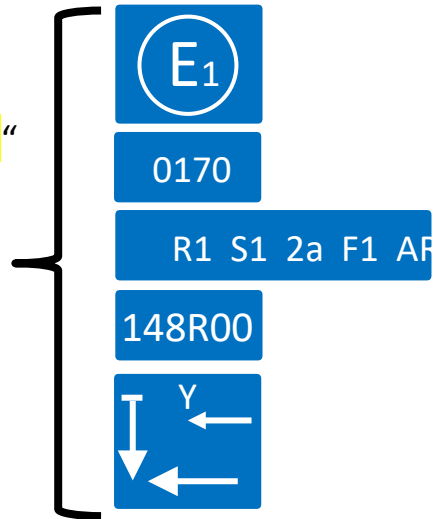
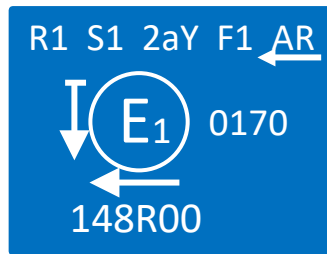
BACKUP

# UNIQUE IDENTIFIER / DETA Database

Explanation to „approval mark“ / „approval marking“ / „approval number“ .....

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“

A  
L  
T  
E  
R  
N  
A  
T  
I  
V  
E  
S



3.3.3. „Unique Identifier“

## 3.3.4. „Other marking“



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

E1\*148R00/00\*0170\*00

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