ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

One-hundred-and-forty-seventh session
Geneva, 10 - 13 March 2009
Item 4.2.13 of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Supplement 33 to the 03 series of amendments to Regulation No. 37
(Filament lamps of power driven vehicles and their trailers)

Submitted by the Working Party on Lighting and Light-Signalling (GRE) *

The text reproduced below was adopted by GRE at its sixtieth session. It is based on ECE/TRANS/WP.29/GRE/2008/39, not amended and ECE/TRANS/WP.29/GRE/2008/49, not amended. It is submitted to WP.29 and AC.1 for consideration (ECE/TRANS/WP.29/GRE/60, para. 6).

* In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.
Annex 1.

The list of categories of filament lamps and their sheets, amend to read:

" Group 2

Only for use in signalling lamps, cornering lamps, reversing lamps and rear registration plate lamps:

<table>
<thead>
<tr>
<th>Category</th>
<th>Sheet number(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C5W</td>
<td>C5W/1</td>
</tr>
<tr>
<td>H6W</td>
<td>H6W/1</td>
</tr>
<tr>
<td>H10W</td>
<td>H10W/1 to 2</td>
</tr>
<tr>
<td>HY6W</td>
<td>H6W/1</td>
</tr>
<tr>
<td>HY10W</td>
<td>H10W/1 to 2</td>
</tr>
<tr>
<td>HY21W</td>
<td>H21W/1 to 2</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

The list of sheets for filament lamps and their sequence, amend to read:

" Sheet number(s)

...  
H6W/1
H10W/1 to 2
H21W/1 to 2
...  

Insert new sheets H10W/1 to 2, between sheet H6W/1 and sheet H21W/1, to read (see next pages):
CATEGORIES H10W AND HY10W

The drawings are intended only to illustrate the essential dimensions (in mm) of the filament lamp.

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>Filament lamps of normal production</th>
<th>Standard filament lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min.</td>
<td>nom.</td>
</tr>
<tr>
<td>e</td>
<td>14.25</td>
<td>15.0</td>
</tr>
<tr>
<td>Lateral deviation</td>
<td>1/</td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>82.5°</td>
<td>90°</td>
</tr>
<tr>
<td>γ1, γ2</td>
<td>30°</td>
<td></td>
</tr>
</tbody>
</table>

Cap: H10W: BAU9s in accordance with IEC Publication 60061 (sheet 7004- {...})
     HY10W BAUZ9s in accordance with IEC Publication 60061 (sheet 7004- {...})

ELECTRICAL AND PHOTOMETRIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Rated values</th>
<th>Volts</th>
<th>12</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watts</td>
<td>10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Test voltage:

| Volts | 13.5 | 13.5 |

Objective values

<table>
<thead>
<tr>
<th>Watts</th>
<th>12 max.</th>
<th>12 max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luminous flux</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H10W</td>
<td>200 ± 12 %</td>
<td></td>
</tr>
<tr>
<td>HY10W</td>
<td>120 ± 17 %</td>
<td></td>
</tr>
</tbody>
</table>

Reference luminous flux at approximately 13.5 V

| White: 200 lm |
| Amber: 120 lm |
1/ Maximum lateral deviation of filament centre from two mutually perpendicular planes both containing the reference axis and one containing axis X-X.

2/ In the area between the outer legs of the angles $\gamma_1$ and $\gamma_2$, the bulb shall have no optically distorting areas and the curvature of the bulb shall have a radius not less than 50% of the actual bulb diameter.

3/ Over the entire length of the cap there shall be no projections or soldering exceeding the permissible maximum diameter of the cap.

4/ The light emitted from filament lamps of normal production shall be white for category H10W and amber for category HY10W.

5/ The light emitted from standard filament lamps shall be white for category H10W and amber or white for category HY10W.

Sheet H13/4, the table, amend to read:

```
........
Cap: H13: P26.4t  in accordance with IEC Publication 60061 (sheet 7004-128-3)
     H13A: PJ26.4t
........
```

Sheet H27W/2, the table, amend to read:

```
........
Cap  H27W/1: PG13  in accordance with IEC Publication 60061 (sheet 7004-107-4)
     H27W/2: PGJ13
........
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Sheet T4W/1, the table, amend to read:

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........
Cap BA9s in accordance with IEC Publication 60061 (sheet 7004-14-9)
........
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Sheet W21/5W/1, the table, amend to read:

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........
Cap W3x16q in accordance with IEC Publication 60061 (sheet 7004-106-3)
........
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