



**Asia-Pacific  
Economic Cooperation**

**Advancing  
Free Trade for Asia-Pacific  
Prosperity**

# Progress Report on Harmonization in Chinese Taipei

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# **P1. Amendment/Revision** **as considering UN Regulations**



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## **1. Periodical Review :**

**Twice a year (1st half & 2nd half),**

## **2. Proposal by any interest group**

- ① Extensive concerns**
- ② Clarification**
- ③ Harmonization issue**

# P1. Amendment/Revision GRRF



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| Item  | 2 <sup>nd</sup> half of 2016                | 1 <sup>st</sup> half of 2017 |
|---|---|------------------------------|
| <b>Tyre</b>                                       | UN R30 02-S18<br>UN R54 01-S21              | UN R75 00-S16                |
| <b>Dynamic Braking</b>                            | UN R13H 01<br>UN R13 11-S13<br>UN R78 03-S3 | UN R13 11-S14<br>UN R78 04   |
| <b>Anti-lock braking system (ABS)</b>             | UN R78 03-S3                                | UN R13 11-S14<br>UN R78 04   |
| <b>Mechanical coupling device</b>                 | UN R55 01-S5                                | UN R55 01-S6                 |
| <b>Electronic stability control systems (ESC)</b> | UN R140 00                                  |                              |
| <b>Braking assist system(BAS)</b>                 | UN R139 00                                  |                              |
| <b>Steering equipment</b>                         | UN R79 01-S5                                | <b>4</b>                     |
| <b>Tyre Pressure Monitoring Systems</b>           |   | UN R141 00                   |

# P1. Amendment/Revision GRSP



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| Item   | 2 <sup>nd</sup> half of 2016 | 1 <sup>st</sup> half of 2017              |
|--|------------------------------|---|
| <b>Frontal collision</b>                     |                              | UN R94 03                                 |
| <b>Seat Belt</b>                             | UN R16 06-S7                 | UN R16 06-S8<br>UN R16 07                 |
| <b>Belt anchorage</b>                        | UN R14 07-S7<br>UN R16 06-S7 | UN R14 07-S7<br>UN R16 06-S8<br>UN R16 07 |
| <b>Seat</b>                                  |                              | UN R80 03-S2                              |
| <b>Door latches and retention components</b> | UN R11 03-S4<br>UN R11 04-S5 |   |

# P1. Amendment/Revision GRSG



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| Item   | 2 <sup>nd</sup> half of 2016 | 1 <sup>st</sup> half of 2017                                       |
|--|------------------------------|--|
| <b>Rear-View Mirrors Installation or Device</b>                                    |                              | UN R46 04-S2<br>UN R46 04-S4<br>(not included CMS of I~IV classes) |
| <b>Driver operated controls</b>  | UN R60 00-S5                 |  |
| <b>Prevention of fire risks for the large passenger vehicle</b>                    |                              | UN R107 04-S5<br>UN R107 05-S6<br>UN R107 06-S6<br>UN R107 07-S1   |
| <b>The location and identification of hand controls, tell-tales and indicators</b> |                              | UN R121 00-S9<br>UN R121 01-S1                                     |
| <b>Installation of fuel tank</b>   |                              | UN R34 03-S1   |
| <b>Rear-end collision for prevention of fire risks</b>                             |                              | UN R34 03-S1   |

# P1. Amendment/Revision GRE



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| Item  | 2 <sup>nd</sup> half of 2016                | 1 <sup>st</sup> half of 2017   |
|---|---|--|
| <b>Light Installation</b>   | UN R53 01-S18 ,02<br>UN R48 06-S7           | UN R48 04-S17 , UN R48 05-S10, UN R48 06-S7, UN R48 06-S8,<br>UN R53 01-S18, UN R53 01-S19, UN R53 02-S1 |
| <b>Filament lamp</b>  |   | UN R37 03-S45<br>UN R99 00-S12   |
| <b>HID Headlamp</b>   | UN R113 01-S6                               |  |
| <b>Headlamp</b>   | UN R113 01-S6,<br>01-S2-C1<br>UN R112 01-S6 |  |
| <b>Front and rear position(side) lamps, stop lamps and end-outline marker lamps</b> |   | UN R07 02-S25  |
| <b>Daytime running lamps</b>  |   | UN R87 00-S18  |
| <b>LED light sources</b>  |   | UN R128 00-S16   |

# P2. Plan for Introducing New UN Regulations



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## UN DECADE OF ACTION FOR ROAD SAFETY

### Pillar 3 :

Safer Vehicles

# P2. Plan for Introducing New UN Regulations

## Group #1



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| No   | UN Reg. | Title   | Status Quo               |
|------|---------|---|--------------------------|
| 1-1  | R58     | RUPD  | Waiting for announcement |
| 1-2  | R73     | LPD   |                          |
| 1-3  | R93     | FUPD  |                          |
| 1-4  | R26     | External Projection for M1  | Announced                |
| 1-5  | R61     | External projections of commercial vehicles                             | Announced                |
| 1-6  | R87     | DRL   | Announced                |
| 1-7  | R121    | Location and identification of hand controls, tell-tales and indicators | Announced                |
| 1-8  | R128    | LED Light Source  | Announced                |
| 1-9  | R89     | Speed limitation devices  | Announced                |
| 1-10 | R130    | LDW(S)  | Announced                |
| 1-11 | R127    | Pedestrian Safety   | Waiting for announcement |
| 1-12 | R131    | AEBS  | Announced                |

# P2. Plan for Introducing New UN Regulations

## Group #2



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| No  | UN Reg. | Title                       | Status Quo               |
|-----|---------|-----------------------------|--------------------------|
| 2-1 | R21     | INTERIOR FITTINGS           | Waiting for announcement |
| 2-2 | R29     | CAB OF A COMMERCIAL VEHICLE | Waiting for announcement |
| 2-3 | R70     | REAR MARKING PLATES         | Announced                |
| 2-4 | R125    | THE FORWARD FIELD OF VISION | Waiting for announcement |

# P2. Plan for Introducing New UN Regulations

## Group #3



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| No  | UN Reg. | Title  | Status Quo               |
|-----|---------|--|--------------------------|
| 3-1 | R134    | Hydrogen and fuel cell vehicles (HFCV)             | Announced                |
| 3-2 | R138    | Quiet road transport vehicles                      | Announced                |
| 3-3 | R34     | Prevention of fire risks in the event of collision | Ready for announcement   |
| 3-4 | R32     | Rear-end collision                                 | Waiting for announcement |
| 3-5 | R137    | Frontal impact with focus on restraint systems     | Waiting for announcement |
| 3-6 | R136    | Electric Safety of category L (EV-L)               | Drafted for discussion   |

### #3<sup>rd</sup> Group Candidates

- UN R35-00-S1 - Foot controls;
- UN R111-00-S1 - Handling and stability of vehicles;
- UN R117-00 - Tyres, rolling resistance, rolling noise and wet grip
- UN R135-00 - Pole Side Impact (PSI)

# SUMMARY

## P1. Amendment/Revisions



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### 1. Keep moving

2 times yearly, Periodical Review on updating of UN Regulations and just completed the discussion with industry

### 2. 2nd half of 2016 announced on September 7, 2017

### 3. 1st half of 2017 ready for announcement

GRRF: 9 items 2<sup>nd</sup> half of 2016 / 5 items 1<sup>st</sup> half of 2017

GRSP : 4 items 2<sup>nd</sup> half of 2016 / 5 items 1<sup>st</sup> half of 2017

GRSG: 1 items 2<sup>nd</sup> half of 2016 / 9 items 1<sup>st</sup> half of 2017

GRE : 6 items 2<sup>nd</sup> half of 2016 / 12 items 1<sup>st</sup> half of 2017

# SUMMARY

## P2. Plan for Introducing New UN Regulations



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### 4. Introducing more UN Regulations

- 1<sup>st</sup> Group of 12 candidates
  - 8 Announced
    - 4 Waiting for announcement
- 2<sup>nd</sup> Group of 4 candidates (UN R21, 70, 125, 29)
  - 1 Announced
    - 3 Waiting for announcement
- 3<sup>rd</sup> Group of 10 candidates
  - 2 Announced
    - 1 Ready for announcement
    - 2 Waiting for announcement
    - 1 Drafted for discussion
    - 4 Drafting Regulations



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*Thank you for your attention!*



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