Progress Report on Vehicle Regulation Harmonization in Chinese Taipei

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P1. Amendment/Revision as considering UN Regulations

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 & GRB

Item	2nd half of 2018	1st half of 2019
Tyre	R54 00-23、R75 00-S17-C1、R30 02-S20	
Dynamic Braking	R13 11-S16、R13h 01-S1	
Brake assist systems	R139 00-S1	
Electronic stability control systems (ESC)	R140 00-S2	
Steering equipment	R79 02-S1、R79 03	
Speed limitation devices	R89 00-S3	

P1. Amendment/Revision GRSP(1/2)

Item	2nd half of 2018	1st half of 2019
Seat Belt	R16 06- S9-C1、R16 06- S10-C1、R16 07- S1-C1、R16 07-S2-C1、R16 07- S3	R16 06-S11、R16 07-S4、R16 08
Belt anchorage	R14 09	R14 R5-C2
AECS		R144 00
Seat strength		R17 09
The protection of the occupants in the event of a lateral collision		R95 03-S7
HYDROGEN FUELLED VEHICLES (L)		R146 00

P1. Amendment/Revision GRSP(2/2)

Item	2nd half of 2018	1st half of 2019
Door latches and retention components		**R11 04-S2**
Frontal impact with focus on restraint systems	**R137 00-S1、R137 01-S1**	
Battery electric vehicles safety		**R100 01-S5**
The protection of the occupants in the event of a frontal collision		**R94 03-S1**

P1. Amendment/Revision GRSG(1/2)

Item	2nd half of 2018	1st half of 2019
Rear-View Mirrors Device & Installation	**R46 04-R6-C1**	**R46 04-S6**
The location and identification of hand controls, tell-tales and indicators	**R121 00-S10、R121 01-S3**	
General construction (M2、M3 category)	**R107 06-S7、R107 07-S2、R107 08**	**R107 07-S1、R107 07-C1、R107 08-C1、R107 08-R4-C2、R107 08-R5-C2、R107 08-R6-C3、R107 08-R7-C2、R107 08-R8-C1**

P1. Amendment/Revision GRSG(2/2)

Item	2nd half of 2018	1st half of 2019
CAB OF A COMMERCIAL VEHICLE		**R29 03-S4**
Flammability of the interior materials for motor vehicle & Installation	**R118 02-S4、R118 03-S1**	
Safety Glass		**R43 01-S8**
Installation of fuel tank		**R34 02-S6、R34 03-S2**

P1. Amendment/Revision GRE(1/2)

Item	2nd half of 2018	1st half of 2019
Light Installation		R48 05-S12、R48 06-11、R74 01-S10、R74 01-S11
AFS		R123 02
LED light sources	R128 00-S7	R128 00-S8
Retro-reflective markings		R104 01
Reflex reflector		R3 03
Reversing lamp		R23 01
Filament lamp and HID light source		R99 02-S14、R37 03-S47
Front fog lamp		R19 05
Rear fog lamp		R38 01

P1. Amendment/Revision GRE(2/2)

Item	2nd half of 2018	1st half of 2019
Direction indicator、Front position lamps 、Tail lamps 、Stop-lamp 、High mounted /S3 stop lamps 、End-outline marker lamp		R50 01、R7 03、R6 02
Rear marking plates for heavy and long vehicles		R70 02
Parking lamp		R77 01
Daytime running lamp		R87 01
Side marker lamp		R91 01
HID Headlamp		R98 02
Headlamp except HID		R112 02、R113 03

Pillar 3 :

Safer Vehicles

P2. Plan for Introducing New UN Regulations Group #1

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

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

No	UN Reg.	Title	Status Quo
3-1	R34	Prevention of fire risks in the event of collision	Announced *for rear-end collision
3-2	R32	Rear-end collision	Waiting for announcement
3-3	R117	Tyres, rolling resistance, rolling noise and wet grip	Drafted for discussion *for rolling resistance and wet grip
3-4	R136	Electric Safety of category L (EV-L)	Drafted for discussion
3-5	R137	Frontal impact with focus on restraint systems	Waiting for announcement
3-6	R145	ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size seating positions	Drafted for discussion

#3rd Group Candidates

UN R35-00-S1 - Foot controls;
UN R111-00-S1 - Handling and stability of vehicles;
UN R135-00 - Pole Side Impact (PSI)

SUMMARY
P1. Amendment/Revisions

1. Keep moving

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

2. ~1st half of 2019 ready for discussion

GRRF: 10 items 2nd half of 2018 / 0 items 1st half of 2019
GRSP : 8 items 2nd half of 2018 /11 items 1st half of 2019
GRSG: 8 items 2nd half of 2018 / 13 items 1st half of 2019
GRE : 1 items 2nd half of 2018 / 23 items 1st half of 2019

SUMMARY

P2. Plan for Introducing New UN Regulations

3. Introducing more UN Regulations

- 1st Group of 12 candidates
  - 8 Announced
    - 4 Waiting for announcement(UNR 58, 73, 93, 127)
- 2nd Group of 4 candidates (UN R21, 70, 125, 29)
  - 1 Announced
    - 3 Waiting for announcement(UN R21, 125, 29)
- 3rd Group of 9 candidates
  - 1 Announced
    - 2 Waiting for announcement
    - 3 Drafted for discussion

Thank you for your attention!

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