<u>Transmitted by the expert from Japan</u>

Basic concept on Necessary Technical Requirement Items for IWVTA (Draft)

1. Basic concept

From the existing technical requirement items necessary for National Type Approval (NTA) in each country related to the following

 (i) Active safety of vehicle and their parts(Crash avoidance)

 (ii) Passive safety of vehicle and their parts(crashworthiness)

 (iii) Environment and energy saving

 (iv)General safety consideration.　(Windshield wiper and washer, controls and displays, glazing, fire prevention, theft prevention, etc.)

,those which can be justified as the international regulations focusing on the performance are to be selected as necessary technical requirement items for IWVTA.

2. Work plan for future development

(1) Sorting of the existing technical requirements items

 The existing technical requirement items necessary for NTA are to be sorted into

  (a) those on which it is appropriate to specify only one requirement as the international regulations,

  (b) those on which it is appropriate to specify several requirements as the international regulations considering the characteristics of different regions, or

  (c) those on which it is difficult to formulate justifications that they are appropriate as the international regulations.

(2) Proposing necessary technical requirement items

The items sorted into (a) and (b) are to be proposed as necessary technical requirement items.

The items sorted into (c) are not to be proposed as necessary technical requirement items. However if the justifications were formulated at later stage, the item would, then, be proposed as necessary technical requirement items.

We propose technical requirement items as follow,

Technical requirement item list for Passenger vehicle

ECE No	ITEM
ECE No. 3	Reflex reflectors
ECE No. 4	Rear registration plate lamps
ECE No. 6	Direction indicators
ECE No. 7	Front and rear position (side) lamps, stop lamps and end-outline marker lamps
ECE No. 10	Electromagnetic compatibility
ECE No. 11	Door latches & hinges
ECE No. 12	Steering mechanism
ECE No. 13-H	Braking (M1)
ECE No. 14	Safety belt anchorages
ECE No. 16	Safety belts
ECE No. 17	Seats
ECE No. 19	Front fog lamps
ECE No. 23	Reversing lamps
ECE No. 26	External projections
ECE No. 28	Audible warning devices
ECE No. 30	Pneumatic tyres (passenger vehicle)
ECE No. 34	Prevention of fire risks
ECE No. 37	Filament lamps
ECE No. 38	Rear fog lamps
ECE No. 39	Speedometer
ECE No. 43	Uniform provisions concerning the approval of safety glazing materials
ECE No. 44	Child restraint systems
ECE No. 45	Headlamps cleaners
ECE No. 46	Rear-view mirrors
ECE No. 48	Installation of lights
ECE No. 51	Noise
ECE No. 55	Mechanical coupling
ECE No. 64	Temporary-use spare wheels/tyres and run flat tyres
ECE No. 77	Parking lamps
ECE No. 79	Steering equipment
ECE No. 83	The emission of pollutants according to engine fuel requirements
ECE No. 85	Measurement of engine power
ECE No. 91	Side-marker lamps
ECE No. 94	Protection of the occupants in the event of a frontal collision

ECE No. 95	Protection of the occupants in the event of a lateral collision
ECE No. 98	Gas-discharge headlamps
ECE No. 99	Gas-discharge light sources
ECE No. 100	Battery electric vehicles
ECE No. 101	Emission of carbon dioxide and fuel consumption (passenger car)
ECE No. 112	Headlamps (with an asymmetrical passing beam)
ECE No. 116	Protection against unauthorized use
ECE No. 117	The approval of tyres with regard to rolling sound emissions
ECE No. 119	Cornering lamps
ECE No. 121	The location and identification of hand controls, tell-tales and indicators
ECE No. 123	AFS
ECE No. 125	The forward field of vision
	Statutory plates
	Masses and dimensions (category M1)
	Pedestrian safety
	Wheel guards
	Rear registration plate space
	Defrosting and demisting systems
	Wiper and washer systems
	Flame-resistant interior materials
	Fuel system height pressure gas (include HFCV)
(ECE No. 21)	Power window and power roof requirement
(ECE No. 94)	Occupant protection in frontal collisions (full rap)