Latest development in vehicles regulations

Harmonization of vehicle regulations
Item 5 (b)
I. Latest development in vehicle Regulations
   a) New UN Regulations
   b) New UN Global Technical Regulations

II. Current discussions
   a) Revision 3 to the 1958 Agreement
   b) 1997 Agreement
New UN Regulations (1958 Agreement)

- **UN Regulation on Hydrogen and Fuel Cell Vehicles (HFCV)**
  - Contains specific passive safety provisions for Fuel Cells
  - Will facilitate the introduction of these vehicles on the market
    ➔ Adopted in November 2014 (not yet in force)

- **UN Regulation on Pole Side Impact (PSI)**
  - Contains stringent safety performance requirements for vehicles in case of a lateral impact with a pole obstacle
    ➔ Adopted in November 2014 (not yet in force)

**Note:**
In 2014: ~ 70 amendments to existing UN Regulations:
- adapting the regulations to the most recent technological innovations
- increasing both the safety and environmental performance of vehicles

- **New UN GTR on Worldwide harmonized Light vehicle Test Procedures (WLTP)**
  - Passenger cars and light-duty vehicles,
  - Aimed at replacing the former test cycle
  ➔ Adopted in March 2014

- **New UN GTR on Tyres**
  - Harmonized safety provisions for tyres (passenger cars and light-duty vehicles)
  ➔ Adopted in November 2014
I. Latest development in vehicle Regulations
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II. Current discussions
    a) Revision 3 to the 1958 Agreement
    b) 1997 Agreement
Objectives of draft Revision 3 to the 1958 Agreement:
- Fostering participation of new countries and REIO to WP.29
- Increase the number of CP to the 1958 Agreement (make it more attractive)
- Ensure the continued functioning and reliability of the Agreement

Main new features:
- Introduction of International Whole Vehicle Type Approval (IWVTA)
- Proxy voting was proposed, targeting potential CP far away from Geneva - withdrawn
- Possibility for CPs to apply former versions of UN Regulations

Current situation:
- Draft finalized
- First feedback from the capitals (e.g. on proxy vote)
- Amendment to the initial draft, taking into account feedback
- Ongoing negotiation on raising the majority rule from 2/3 to 4/5

⇒ Adoption expected in 2015 (March or June)
WP.29 is reviewing since 2012 proposals to amend both UN Rules on PTI (environment & safety)

Current state of play:
• Half of the CPs (6 out of 12) are EU Member States
• In 2014, EU revised PTI legislation by introducing additional requirements for
  • test equipment,
  • skills and training for inspectors and
  • supervision of test center
becomes applicable in 2018.

A discussion started on how to:
• Address the situation of the six EU Member States that will have to comply with two different sets of PTI legislations
• Modernize the Agreement
ITS - Automated driving

- From In vehicle ITS to ITS and Automated Driving (IG-AD) co-chaired by Japan and UK
- ToR to be adopted in March 2015
- Keep in mind existing technologies and established Regs
- Discussion on practical application of technologies and on administrative legal and social aspects

- Two level of discussion: (also in parallel)
  - Highly Automated Driving Technology
  - Fully autonomous Driving Technology (Driverless)
THANK YOU FOR YOUR ATTENTION