Intelligent Transport Systems
Agenda item 4(f)
Main activities on ITS in 2016

• **78th ITC session, policy segment**
  on “Innovations for Sustainable Inland Transport with Special Attention to Information and Communication Technologies“ calling for
  • Common and not fragmented approach
  • Access for all
  • Availability of data and sharing of information

• **UNECE/ITU Symposium on The Future Networked Car**
  The symposium examined advances in the area of connected vehicles, from the perspectives of business, technology and regulation
  Technical sessions highlighted the relevance of work done on cyber security

• **2016 Annual Roundtable on ITS – Geneva**
  First informal joint meeting WP.1 – WP.29/GRRF – WP.29/ITS/AD
  The ad-hoc meeting aimed at an in-depth exchange of views and information exchange and discussed topics such as
  • driver training,
  • the regulatory process pace and
  • secondary tasks performed by the driver during automated driving phases
ITC Working Parties in 2016 and ITS

- **Working Party on Inland Water Transport (SC.3)**
  - Worked on ITS applications e.g. on pan-European River Information Services (RIS).

  - RID Committee and WP.15 (telematics IWG) continued its work on ITS

- **Working Party on Road Traffic Safety (WP.1)**
  - Amendment to the 1968 Vienna Conventions to address the challenges related to automated driving entered into force
  - Informal working group on automated driving effectively works on AD e.g. on AD testing, driver behaviors aspects.
  - Confirmed that testing of driverless vehicles is covered

- **The Working Party on Braking and Running Gear (WP.29/GRRF)**
  - Worked on vehicle automation such as “self steering vehicles” and “Remote Control Parking”
  - Adopted first proposals on Corrective Steering Functions and Automatically Commanded Steering Functions,

- **The Working Party on General Safety (WP.29/GRSG)**
  - Finalizing a new Regulation on AECS (eCall) – the first regulation on the connectivity in the automotive sector

- **The World Forum on Harmonisation of Vehicle Regulations (WP.29)**
  - Worked on the automation levels definitions as well as finalized proposal on
  - Guidelines on Cyber Security and Data Protection

- **WP.29 Informal Working Group ITS/AD**
  - Over the air software updates (OTA)
  - Coordination with external stakeholders (e.g. insurance industry)

→ Conclusion: all Road Map Actions addressed
Conclusions in 2016 and next steps

**• ITS across all inland transport modes and their infrastructures**

- 2016 focussed on “automated vehicles” and new mobility concepts
- UNECE promoted activities on ITS, across all transport modes and their infrastructures

**• Connected and Automated Vehicles (CAV)**

- Various technologies are now marketed
- Technical regulatory action going on
- Coordination between WP.29 and WP.1 is ongoing
- Related items not in the scope of WP.29 or WP.1 still need to be addressed
- Insurance industry represented in WP.29 ITS/AD
- US NHTSA Federal policy Guidelines on Automated Driving issued
- US NPRM to mandate vehicle-to-vehicle (V2V) communication
SAFE, CLEAN, SECURE AND EFFICIENT
MOBILITY FOR PEOPLE AND FREIGHT

- Inclusive International Legal Architecture
- Effective Public Administration
- International Cooperation
- Innovative Financing
- New Technologies
- Social Responsibility

The future
Inland Transport
WE WANT!