



Existing & New Motor Vehicle Safety Standards

**Presentation to RCC Vehicle Safety Dialogue Session
January 14, 2014
Detroit, Michigan**

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Initiative 14 – Existing Motor Vehicle Safety Standards

Overview of the initiative

Develop a consistent approach to align and adopt existing motor vehicle safety standards that take into account each country's safety risks and needs including:

- Studying harmonization opportunities for existing regulations
- Conduct research on U.S. and other regulatory regimes (per CDRM)
- Focus of RCC is on aligning certain existing Canadian standards with U.S. standards



Progress Update

Progress has been made in the following areas since June 2013 session in Washington DC:

- In November 2013, Canada introduced new ***Motor Vehicle Tire Safety Regulations (CMVSS 109, 119 & 139)*** and new stringent tire testing requirements that are harmonized with the equivalent U.S. regulations
- Canada is in the process of finalizing an update for ***controls and displays (CMVSS 101)*** which is intended to be more closely aligned with the U.S.



Progress Update

- Canada is in the process of developing a proposal to update its ***lighting and light signalling (CMVSS 108)*** requirements aligned with those of the U.S.; timeline influenced by various parameters
- Canada intends to propose a fully aligned regulation with that of the U.S. on ***side impact safety (CMVSS 214)***
- Canada also intends to propose adopting the U.S. ***ejection mitigation safety standard (CMVSS 226)***



Progress Update

- U.S. anti-theft immobilizer requirements
 - Recent progress
 - Timeline for a decision



Other Canadian Publications

- In December 2013, Canada published a proposal to recognize and regulate a new type of bus called a ***multi-function school activity bus (MFSAB)***
 - Aligned with the U.S. concept of allowing an alternative type of school bus without pedestrian controls
- Also in December 2013, Canada published a final rule to amend the ***rear underride guard (CMVSS 223)*** regulation to allow for the introduction of ***longer boat tails*** on trailers
 - Extensive consultations with Canadian and U.S. industry
 - Engagement with the provincial governments
 - Proposal developed with the intention to have aligned future regulations



Initiative 15 – New Motor Vehicle Safety Standards

Overview of the initiative

Jointly review & establish a common collaborative regulatory standard setting agenda for new standards, while considering both countries' safety risks and needs including:

- Where there is common interest, develop new standards, regulations and testing procedures collaboratively
- Coordinating future work by developing a framework for enhanced cooperation and approach to harmonized regulations



Progress Update

Progress has been made in the following areas:

- Hydrogen safety

- Global technical regulation (GTR) presented and accepted at the United Nations (UN) in June 2013
- UN working group GRSP is developing the UN Regulation and has identified several needed amendments to the GTR
- U.S. and Canada currently reviewing the introduction of the GTR into domestic regulation and will propose updates to the GTR when the review is finalized



Progress Update

- Electric vehicles
 - Extensive research work underway in both the U.S. and Canada
 - U.S. is leading the UN sub-group developing the GTR for electric vehicle safety
 - GTR work is well underway with several working sub-groups identified
 - U.S. and Canada are committed to the effort of completing the work in a single phase in lieu of the two-phase approach which is supported by some other governments



Progress Update

- Quiet vehicles
 - NHTSA issued a notice of proposed rulemaking in January 2013 for minimum noise requirements for electric and electric hybrid vehicles
 - NHTSA currently reviewing the comments and data received
 - Canada has been assisting with research data provided on docket # NHTSA-2011-0148
 - Once analysis of data is complete, NHTSA intends to publish a Final Rule
 - Canada intends to propose a harmonized regulation



Progress Update

- Low rolling resistance tires
 - Review the rolling resistance characteristics and potential safety issues regarding low rolling resistance tires
 - U.S. TFEICIP
 - Canada is planning wet grip and winter tire performance testing



Process for Ongoing Alignment Work

Update the Memorandum of Cooperation (MoC):

- Negotiate revisions and expansions to include
 - Data sharing; collision investigation
 - Defect investigation and Recalls
 - Compliance testing
 - Etc.
- Facilitate future joint research and regulatory initiatives
- Will take AAPC/CVMA, GAC and UL/ULC submissions to RCC consultation exercise (Fall 2013) into consideration



Process for Ongoing Alignment Work

Modernizing the Canadian *Motor Vehicle Safety Act* (MVSA):

Current limitations of the MVSA impede efficiency and innovation. Canada has been examining potential changes and consulting stakeholders. Considerations include:

- Streamlining the regulatory process to allow timely alignment with international regulations while reducing red-tape burden on the public, industry, government
- Remove impediments to regulatory efficiency
- Improve ability to keep Canadians informed on vehicle safety issues and enable TC to make better informed policy and regulatory decisions
- Examine U.S. VSA and MAP 21 features



Next Steps

1. Jointly amend the 2008 Memorandum of Cooperation
2. Canada will continue to review the modernization of the MVSA
3. Plan to host next automotive industry stakeholder meeting in Detroit, January 2015



Questions

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