Vehicle Technology Development
Coming at Light Speed

An Update from the Autonomous Vehicle Best Practices Working Group

June 3, 2015
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• Establishing the Autonomous Vehicle Best Practices Working Group
• The Kickoff Meeting
• Interim Work
• Upcoming Meeting
• Questions?
Established the Group

- Consists of 16 U.S. Jurisdictional Members and 2 Canadian Jurisdictional Members
  - Including representatives with vehicle, driver, law enforcement, information technology and legal expertise.
- Representatives from the National Highway Traffic Safety Administration
- Chaired by Bernard Soriano, PhD (CA) and Vice Chair Jude Hurin (NV)
- Stakeholders will also be involved as advisors.
• Held the meeting in Orlando, FL February 25 and 26, 2015
• Heard from two guest speakers:
  – Bryant Walker Smith, Assistant Professor, University of South Carolina School of Law
  – Christopher Nowakowski PhD, Human Factors Research and Development Engineer, California PATH, University of California, Berkeley
• Split into three subgroups to brainstorm specific topics and the impact of autonomous vehicles on motor vehicle administrators and law enforcement.
• Developed a draft best practice outline
  – The outline is designed to have a section pertaining to the *testing* of autonomous vehicles and a section pertaining to the *deployment* of autonomous vehicles for the sale to, and for use by, the general public.

• Established draft guiding principles to work from
  – The regulatory framework should be broad enough to allow jurisdictions to adopt them within their laws, policies and practices, yet specific enough so there is consistency among jurisdictions.
  – The regulatory framework should address the technology that will be available in the near future and should identify a path for the development of regulations for technology that will be available into the distant future.
Interim Work

• Continue to hold quarterly conference calls with the Autonomous Vehicle Information Sharing Group to keep them updated on the Working Group’s progress
• Working on key definitions
• Reviewing the subsections of the draft outline and comparing any federal and jurisdictional laws that are in place today
• Holding conference calls to continue discussion on specific topics between meetings
• Planning for the next face-to-face meeting
Upcoming Meeting

• Scheduled for September 16 and 17
• Will be held in California in the Bay Area
• Two full days of meetings
• Will spend a half day at each manufacturer doing a site visit with Google and the VW Group
Questions and Comments?
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