Paperless Hazard Communications Pilot Program (HM-ACCESS)

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Mark Raney
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Moving Ahead for Progress in the 21st Century Act (MAP-21)

- **Goal:** Evaluate the feasibility and effectiveness of paperless hazardous materials (e-HM) communication systems (e-systems) to provide an equivalent or better level of safety to the current paper requirements

- **Stakeholders:** Federal and State authorities, emergency responders, law enforcement, and the HM industry (shippers and carriers)

- **Intent:** For all transportation modes study the performance, safety, and security impacts, and the associated benefits and costs, of using e-systems for communicating hazardous materials shipping paper information

Accomplishments To-Date

Consulted with HM stakeholders on operational and technological requirements for implementing e-systems across all modes

- Conducted data gathering with 90+ individual HM stakeholders

- Held workshops with stakeholders to verify their needs and obstacles to implementing e-systems

- Drafted information papers papers highlighting the collective HM transportation community's priorities, gaps, and concerns for implementing e-systems

Accomplishments To-Date

- Defined data collection plan for testing e-system performance and for analyzing impacts

- Published 60-Day Federal Register Notice (July 19, 2013) to notify stakeholders and the public of the pilot tests, seek pilot test volunteers, and request comments on planned data collection activities

- Published 30-Day Federal Register Notice (Nov 25, 2013) to respond to comments and identify specific data collection questions

Expected Outcomes

Following approval of data collection plan by Office of Management and Budget (OMB)

- Conduct pilot tests, with volunteer participants, in multiple U.S. regions involving all stakeholder types, in accordance with MAP-21

- Evaluate and prepare a report summarizing pilot test findings and assessing the safety and security impacts, including associated benefits and costs, of using e-systems

- Provide recommendation to Congress on whether regulations should be changed to allow for the option to use e-systems