California Department of Motor Vehicles

Public Workshop

Autonomous Vehicles
Friday, January 27, 2023, at 9:00 am

California State University, Sacramento, Harper Alumni Center
6000 J Street, Sacramento, CA 95819
Webcast via Facebook Live: https://fb.me/e/38PICbmls
Webcast via YouTube: DMV Public Workshop - Autonomous Vehicles Regulations - YouTube

Facilitators:
Department of Motor Vehicles
California Highway Patrol

I. Opening
   A. Introductions
   B. Housekeeping

II. Discussion of Regulatory Considerations (attached)

III. Next Steps

IV. Closing Remarks

Current California Autonomous Vehicle Regulations

Stay secure. Use the QR code scanner built into your iOS or Android device. Only use a newer phone (Android 8 and later; iOS 11 and later) and the native QR code reader that came with your phone to scan. Non-native QR code reader app downloaded from an app store may act as malware and/or adware, which may compromise your mobile browser.
Regulatory Considerations:

I. Heavy-Duty (HD) Autonomous Vehicles
   a. What types of vehicles are being developed?
      - Long Haul Trucking, Box Trucks, Electric Vehicles, Last-mile delivery vehicles, drayage trucks, others
   b. What are the possible use cases for HD AVs?
   c. What testing or operations are currently occurring in other jurisdictions?

II. General Considerations for HD AVs
   a. Potential conditions or restrictions on public road operation (load type, locations, etc.)
   b. Compliance with other federal and state rules for commercial vehicles and drivers, including:
      • Motor Carrier Permit and International Registration Plan programs administered by DMV and CHP
      • Inspection requirements
         - Pre-Trip Inspection
         - In Route (Roadside, weigh station)
         - Terminal Inspection/BIT inspection
         - CVSA reporting/Access to inspection data
   c. Law Enforcement Interaction/Traffic Stops

III. HD AV Testing
   a. What requirements, data or certifications should be required for testing HD AVs with a driver?
   b. Test driver training and licensing
   c. Financial responsibility requirements
   d. Law Enforcement Interaction Plan/Specialized Training for First Responders
   e. Compensation during HD AV Testing
   f. What threshold metrics, requirements, or certifications should be met before testing HD AVs without a safety driver?
   g. What requirements should be in place when testing HD AVs without a safety driver?
IV. HD AV Deployment
   a. What is the distinction between testing and deployment in the HD AV space?
   b. During deployment, is there any anticipated plan or role for a human occupant in the HD AV?
   c. What requirements, data or certifications should be required for deployment of HD AVs?
   d. Financial responsibility requirements

V. Other Considerations for HD AV
   a. Anticipated economic impacts
      • Businesses (including small businesses)
      • Revenue generation - Timing & Scale of testing/deployment
   b. Workforce impacts
   c. Local impacts
   d. Infrastructure impacts
   e. Safety impacts and interactions with other road users

VI. What other new or modified requirements should be considered for both Light Duty and Heavy Duty AVs?
   a. Data reporting during testing
   b. Remote operator requirements
   c. Testing and validation requirements
   d. Minimal Risk Maneuver/Safe Harbor
   e. Law Enforcement Interaction/ Traffic Stops
   f. Registration of Autonomous Test Vehicles

VII. Public suggestions for regulatory language

VIII. Other discussion items