Mobile Source Update

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CARB Regulatory Activities

• Off-Road
  – Amendments to the Low Sulfur Marine Fuel Regulation for Main and Auxiliary Engines – June 23, 2011
  – Amendments to the Cargo Handling Equipment Regulation – September 22, 2011
  – Transport Refrigeration Units Amendments – October 2011
  – 2010 Railyard Commitment Language
CARB Regulatory Activities

• On-Road
  – ZEV Amendments – 2011
  – LEV III Amendments – 2011
Federal Regulatory Activities

• Determination of Widespread Use of Onboard Refueling Vapor Recovery (ORVR) – July 2011
  – States/Local Air Agencies May Consider Decommissioning of Stage II Vapor Recovery Systems
  – California Enhanced Vapor Recovery Program Provides Benefits Well Beyond 2013
Federal Regulatory Activities

• Fuel Economy and GHG Emissions Standards for Light-Duty Vehicles (MY 2017 – 2025)
  – Joint Announcement – July 2011
  – 5% per Year Reduction in CO2 from MY 2016
  – MY 2025 - 163 g/mi CO2 (54.5 mpg)
  – Proposal Expected to Be Released by End of September
Federal Regulatory Activities

  - Line Haul Tractors (Class 7 & 8)
    - Engine Standards (g/mi and g/bhp-hr CO2)
    - 10 – 23% Reduction in CO2
  - Vocational Vehicles (Class 2b – 8)
    - Vehicle Standards (g/ton-miles)
    - 6 – 9% Reduction in CO2
  - Pickups & Vans
    - Fuel Efficiency Standards
    - 12 – 17% Reduction in CO2
South Coast AQMD Activities

- Surplus Off-Road Opt-In for NOx (SOON) Program
- Implementation of AQMD Fleet Rules
- Development of Mobile Source Emissions Reduction Credit Rules