



Ocean Going Vessels Retrofit Technology Forum

SCAQMD Headquarters

December 5, 2018

Agenda

- 9:00 a.m. Welcome**
Sarah Rees, Assistant Deputy Executive Officer, SCAQMD
- 9:10 a.m. Opening Remarks**
Wayne Nastri, Executive Officer, SCAQMD
- 9:20 a.m. SCAQMD Air Quality Challenges & Critical Role of OGV Incentive Programs**
Philip Fine, Deputy Executive Officer, SCAQMD
- 9:40 a.m. International Clean Vessels - Incentives and Collaboration**
*Penny McDaniel, Director, U.S.-China Green Ports and Vessels Initiative
U.S. EPA*
- 10:00 a.m. California OGV Regulations and Incentive Programs**
Bonnie Soriano, Branch Chief, Freight Activity Branch, CARB
- 10:20 a.m. Overview of Port of Long Beach and Port of Los Angeles OGV Emission Reduction Strategies**
*Heather Tomley, Acting Managing Director of Planning & Environmental Affairs, POLB
Chris Cannon, Director of Environmental Management Division, POLA*
- 10:40 a.m. Steering the Course: Incentivizing Cleaner Technologies**
Thomas Jelenic, Vice President, PMSA
- 11:00 a.m. Round Table Discussion**
Wayne Nastri, All Presenters
- 11:40 a.m. Q & A**
- 12:00 p.m. Lunch (60 minutes)**
- 1:00 p.m. Development of New OGV Incentive Program(s)**
Sarah Rees, SCAQMD
- 1:20 p.m. MAN Energy Solutions 2-Stroke/4-Stroke Engines Latest Highlights for New Builds and Retrofit**
*Kjeld Aabo, Director New Technologies, Copenhagen 2-Stroke Engines, MAN Energy Solutions
Michael Witt, Head of Retrofit Development, Copenhagen 2-Stroke Engines, MAN Energy Solutions
Andre Voges, Head of PrimeServ Retrofit & Upgrades, Augsburg 4-Stroke Engines, MAN Energy Solutions*

- 1:50 p.m. Wartsila Retrofit Technology Advancements**
Kevin Humphreys, General Manager – Merchant and Gas Carrier Sales, Wartsila
- 2:10 p.m. China’s Experience with Vessel LNG Retrofits/Conversions**
Peng Chuansheng, Professor and Chief Engineer, China Waterborne Transport Research Institute, Ministry of Transportation
- 2:30 p.m. Operator Feedback from Emissions Reductions Initiatives and Ways Forward**
Philippe Renaud, Manager Efficiency & Technology Department, CMA CGM
- 2:50 p.m. Fleet Modernization and Next Steps**
Chris Brown, Manager Regulatory Affairs, Chevron Shipping Company
- 3:10 p.m. Break (10 minutes)**
- 3:20 p.m. Round Table Discussion**
Matt Miyasato, Deputy Executive Officer, SCAQMD
All Presenters
- 4:30 p.m. Q & A**
- 5:00 p.m. Closing Remarks/Adjourn**
Wayne Nastri, SCAQMD