



# Ocean Going Vessels Retrofit Technology Forum

December 5, 2018 9 am - 5 pm



## When

December 5, 2018  
9 a.m. to 5 p.m.

## Where

South Coast Air Quality  
Management District  
Headquarters  
Auditorium

21865 Copley Drive  
Diamond Bar, CA 91765

## Summary

With 40% of nation's containerized import cargo moving through the Ports of Los Angeles and Long Beach, the goods movement sector is an important and integral part of the region's economy. It is also a major source of air emissions. Over 80% of the NOx emissions in the South Coast Air Basin (Basin) are from mobile sources, the majority of which are from trucks, ships, and locomotives. NOx is the primary pollutant that must be controlled in order for the Basin to meet the federal air quality standards.

As programs to clean up trucks and other fleets phase in over time, Ocean Going Vessels (OGV) are expected to become the largest source of NOx emissions in the Basin. Therefore, NOx reductions from OGVs are essential for achieving clean air in the Basin. Recent forecasts show that very limited number of the cleanest Tier 3 vessels are projected at the Ports of Los Angeles and Long Beach in the next several years. This highlights the need to focus on identifying and optimizing promising retrofit technologies for existing vessels (i.e., Tier 0, 1, and 2) to reduce NOx emissions. The objective of this technology forum is to explore the feasibility of various promising NOx OGV retrofit technologies which can provide the basis for developing new voluntary OGV incentive programs, in collaboration with State and federal agencies, local and other participating ports, shipping lines, and engine manufacturers.

## Topics

- Existing OGV Regulations and Incentive Programs Overview
- Promising OGV NOx Retrofit Technologies
- Development of New OGV Incentive Programs



## Contact Info

The OGV Retrofit Technology Forum will be open to the public and free of charge. No registration is required. Draft agenda and webcast information are available [here](#). For more information, please contact Brian Choe at (909) 396-2617 or email [bchoe@aqmd.gov](mailto:bchoe@aqmd.gov).

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