

# Port-related Sources

Moderator:  
Sylvia Oey



2007 SIP Workshop

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# Port-related Sources

## Emissions South Coast 2015 (tpd)

	NOx	ROG	SOx
Ships*	72	4	46
Port Trucks	19	2	0
Harborcraft	12	1	0

\* Emissions to 24 nautical miles



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## Goods Movement Emission Reduction Plan

- Approved in April, 2006
- Addresses local risk, ozone, and PM2.5
- Comprehensive strategy
- Establishes emission reduction commitments (in tons)
- Board identified 8 near-term strategies
- Periodic report-backs



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## Port Sources Concepts --South Coast 2015 Reductions (tpd)--

<u>Control Concept</u>	Reductions "Up To"	
	<u>NOx</u>	<u>SOx</u>
Ocean-going Vessel Reductions	33	45
Port Truck Modernization	2	0
Existing Harborcraft Cleanup	4	<1



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## Key Assumptions

- Sufficient 0.1% sulfur diesel marine fuel available in 2014
- Availability of clean engines and add-on controls for marine vessels, harborcraft
- Port trucks are older and dirtier than overall truck fleet
- Ports can exclude non-complying port trucks



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## Next Steps

- Evaluate the role of financial incentive programs (trucks and harbor craft)
- Determine details of port truck retrofit and replacement program
- Work with affected owner groups
- Workshop port truck and hotelling proposals (ongoing); clean fuel proposals (Spring 2007)



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## Contact Information

**Sylvia Oey**

Planning and Technical  
Support Division

(916) 322-8279

[soey@arb.ca.gov](mailto:soey@arb.ca.gov)



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