

# Vessel Speed Reduction Program

*In Alignment with the  
Maritime Clean Air Strategy*

**November 9, 2021**

Agenda Item #

File #2021-0120





# Maritime Clean Air Strategy

**Ocean-going Vessels In-Transit Goal 1:** Reduce annual ocean-going vessel in-transit emissions.

**Ocean-going Vessels In-Transit Objective 1A:** Pursue implementing an expanded Vessel Speed Reduction Program that achieves upwards of 90% participation, subject to further Board of Port Commissioners' approval.

Goes Beyond  
State  
Requirements

Education  
and Training

Ecosystem  
Enhancement

Improved  
Health

# Existing v. Updated VSR Program

## Existing Program (Est. 2009)

### Rule -

- **Target: 80% Vessel Participation**
- Cargo: 12 kts max speed 20nm from Point Loma
- Cruise: 15 kts max speed 20nm from Point Loma
- Authority: Voluntary + Coastal Development Permit

## Enhanced Program (Pending)

### Rule -

- **Target: 90% Vessel Participation**
- Cargo: 12 kts avg. speed 40nm from Point Loma
- Cruise: 15 kts avg. speed 40nm from Point Loma
- Underwater noise outreach
- Methodology update
- Authority: Voluntary + Coastal Development Permit



# Benefits of VSR Program

## Estimated Annual Fuel Savings and Emission Reductions

Reduction from Service Speed	Emission			Fuel Savings
	NO <sub>x</sub>	DPM	CO <sub>2</sub> e	
Total Reduction in Tons	222.5	4.3	9,791	2,794
Percent Reduction	60%	62%	63%	63%

Source: Port of San Diego Vessel Speed Reduction Program, Appendix B





# Staff Recommendation

Adopt a Resolution approving the San Diego Unified Port District's voluntary vessel speed reduction program dated November 2021, in alignment with the Maritime Clean Air Strategy.



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