2018 Vessel Speed Reduction (VSR) Incentive Program

Board of Directors
Santa Barbara County
Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

Aeron Arlin Genet
Director / APCO
Mary Byrd, Community Programs Supervisor
Tim Mitro, Air Quality Engineer
June 21, 2018

Photo by Robert V. Schwemmer
• Voluntary Whale Advisory Zone coincides with VSR zone and with VSR season
Firsts

- Program can promise 2 consecutive years of funding (Funding for 2019 from Ventura air district state monies & Volgenau)
- Target speed set at 10 knots
- Fleet approach

Photo by Robert V. Schwemmer
2018 VSR Funding

- Incentives, Administrative and Recognition Costs: close to $300,000
  - District: $35,000 (approved in FY 17-18 Budget)
  - VCAPCD SEP: $175,000
  - Bay Area AQMD: $35,000
  - **New:** Volgenau Foundation
    $100,000 to be divided between 2018 and 2019 programs
  - Less of the total funding available for Bay Area incentives

- Technical calculation of emission reductions – cost shared by the air districts

*Photo by Robert V. Schwemmer*
2018 VSR – Financial Awards

- Based on percent of distance traveled in the VSR Zones by all the company’s ships at 10 knots or less
  - Transit must stay within the VSR zones
  - Transit must maintain an average speed of 12 knots or less to qualify
  - Container ships and Ro-Ros

- Large fleet category (30+ transits)
- Small fleet category (5-29 transits)
- Expected incentive range: $2,000 – $35,000 per company

<table>
<thead>
<tr>
<th>Rank Title</th>
<th>Fleet Success Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sapphire</td>
<td>75%+</td>
</tr>
<tr>
<td>Gold</td>
<td>50%+</td>
</tr>
<tr>
<td>Silver</td>
<td>25%+</td>
</tr>
<tr>
<td>Bronze</td>
<td>10%+</td>
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</tbody>
</table>
Examples of Possible Awards – Larger Fleets

• **Evergreen**
  - 60 transits at 10 knots
  - 40 transits at 15 knots
  - Fleet success rate would be = 60% → Gold

• **Mediterranean Shipping Company (MSC)**
  - 90 transits at 10 knots
  - 10 transits at 13 knots
  - Fleet success rate would be = 90% → Sapphire
Future

- Continuing to expand the recognition
- Fleet approach
- Harmonizing with Whale Advisory Zones
Board Action

Recommendation
Authorize the Chair to execute a Memorandum of Agreement (MOA) with the California Marine Sanctuary Foundation for the District to contribute $35,000 to the 2018 Vessel Speed Reduction (VSR) Incentive Program planned for July 1 - November 15, 2018.
Questions? Contact Information

Mary Byrd, Community Programs Supervisor
805-961-8833
ByrdM@sbcapcd.org

Tim Mitro, Air Quality Engineer
805-961-8883
MitroT@sbcapcd.org

Photo by John Calambokidis, Cascadia Research

www.ourair.org/air-pollution-marine-shipping/