

Marine Shipping Initiatives

**Board of Directors
Santa Barbara County
Air Pollution Control District**

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Director / APCO
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Inspiration Pt, Anacapa Island



www.OurAir.org

Ship Speed Reduction Initiative

- Proposal: Create a monetary based incentive program to reduce ship speed within Santa Barbara Channel (and CA Coastal waters)
- Multiple benefits achieved
 - GHG emissions reduced by up to 50%
 - Reduction of up to 340,000 tons of GHG/yr in SB County
 - NOx emissions reduced by up to 56%
 - Reduction of up to 9,000 tons of NOx/yr in SB County
 - Reduced lethality of whale strikes (broadens stakeholder involvement)
- \$ Generated through CARB Cap-and-Trade program used to create incentive to reduce speeds
 - Must fit within Legislative framework
 - Merit based decision per GHG reduction benefits
 - Competition will be strong

Recent District Actions

- Meetings w/ Port of LA and Long Beach (Nov 2011)
- District hosted meeting with Maersk Shipping (Feb 2012)
- APCO presentation to District Board (Mar 2012)
 - Emphasized need to build partnerships and pursue vessel speed reduction gaining both NOx and GHG benefits
- NOAA Meeting at Marine Exchange on whale protection and speed reduction (May 2012)
- District presentation to Channel Islands Marine Sanctuary Advisory Council (May 2012)
- District hosted meeting with whale researcher and multiple stakeholders (Aug 2012)
- Ongoing meetings/discussions: Ports, NOAA, Sanctuary, Marine Exchange, Maersk, most recently with UCSB Bren School

Pending Legislation

Revenue Use

- SB1572: fast-track, specific projects, immediate implementation in first year
 - Current budgetary pressures make it necessary and appropriate
- AB1532: general priorities after first year
 - Possible fit for our proposed initiative
 - Creates a GHG Reduction Account

GHG Reduction Account

- CARB hearing for comments on how to use Cap-and-Trade revenues (May 24, 2012)
- **District submitted letter proposing vessel speed reduction incentive (June 8, 2012)**
 - NOAA and three other entities submitted letters supporting concept
 - Comment period closed (June 22, 2012)
- First Cap-and-Trade auction set for November 14, 2012; quarterly auctions afterwards
- **Revenues expected: ~ \$billions per year**

Proposed Next Steps

- Continue to track legislative developments
- Closely monitor CARB's program development
- Work with partners to further develop our proposal
 - Including working with NOAA, Bren School, shipping industry, others
- Invite Board feedback, approval, direction, and participation

Questions?



*Photo of blue whale in Santa Barbara Channel by John Calambokidis,
Cascadia Research*