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