

Update on Ship Speed Reduction Trial in Santa Barbara Channel

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

**Brian Shafritz
Technology and Environmental
Assessment Division Manager
August 21, 2014**

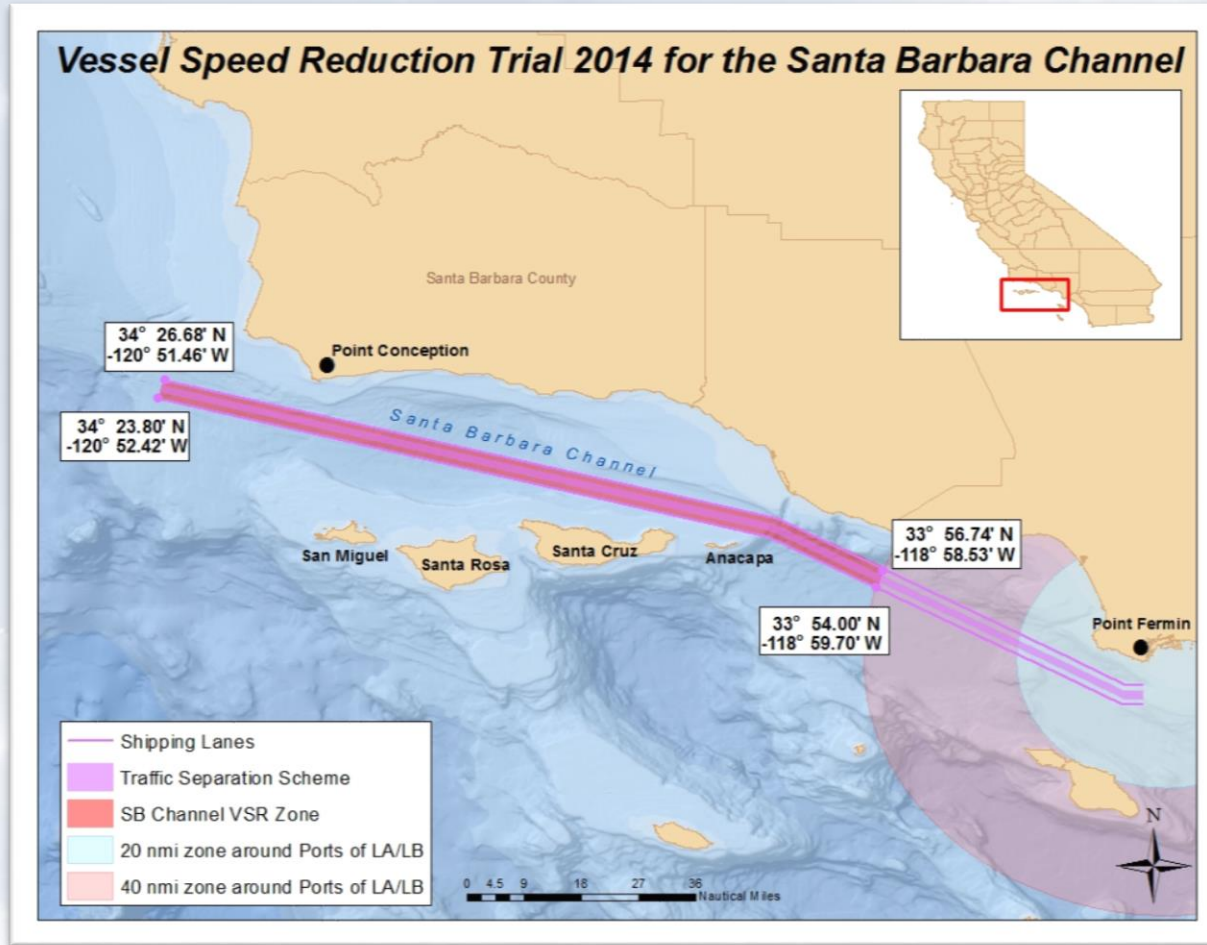


Overview

- Proof of concept
- Incentivize reducing speed to 12 knots or less for transits July-October 2014
 - Blue whale season in Channel
 - Ozone season for Santa Barbara County
- Modeled after successful Ports Programs



Trial Program Area



Trial Interest

- Invitation to Participate sent June 6
- Registration closed on 06/30/14
- Strong response from shipping lines:
 - Many inquiries
 - Seven companies registered
 - 88 transits requested
 - 39 transits qualified
 - Previous baseline of 14 knots or more in Channel transits; participate in Ports program

Participating Companies

- K Line
- COSCO
- Hapag-Lloyd
- Maersk Line
- Matson
- United Arab Shipping Company
- Mitsui OSK Lines (MOL)

July Trial Transit Data

Preliminary

Shipping Line	Vessel Name	Baseline Speed	VSR Transit Date	Avg. Speed
Matson	Mahimahi	18.67	07/11/14	11.79
K Line	Verrazano Bridge	14.74	7/13/14	7.59
United Arab Shipping Company (UASC)	Xin DA Yang Zhou	15.81	07/23/14	10.40
COSCO	Indonesia	14.00	07/25/14	11.45

Trial Program Outreach

- News release issued August 4 with partners
 - Picked up by wire services, regional and national outlets, shipping industry publications



REUTERS EDITION: U.S.

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California cargo ships to slow for whales under new program

BY DANA FELDMAN
LOS ANGELES | Thu Aug 7, 2014 10:32pm EDT

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(Reuters) - The massive container ships passing through the Santa Barbara Channel off the coast of Southern California will be paid a bonus of \$2,500 per trip to slow down, in an effort to cut off-shore air pollution and reduce collisions with whales.



Los Angeles Times

LATEXTRA

THURSDAY, AUGUST 7, 2014 • LATIMES.COM/LANOW

Broken water pipe badly worn

WP managers tell by Council about causes of Sunset boulevard rupture.

EMILY ALPERT REYES

One of the low water that burst under Sunset boulevard last week was so big when that "with a little bit, we could almost fix the corrosion every kind of rub a hole through the pipe," a top Los Angeles Department of Water and Power executive said Wednesday.

Senior Assistant General manager James B. McInnes told a committee of Los Angeles City Council members that the other trunk it involved had five leaks due the rupture. Neither



A BLUE WHALE and a cargo vessel cross paths in the Santa Barbara Channel. Dozens of whales have been killed in collisions with ships off the Southland coast over the last 30 to 35 years.

BOFA, U.S. IN DEAL OVER LOANS

The bank would pay \$7 billion in penalties and consumer relief if the settlement is finalized, sources say.

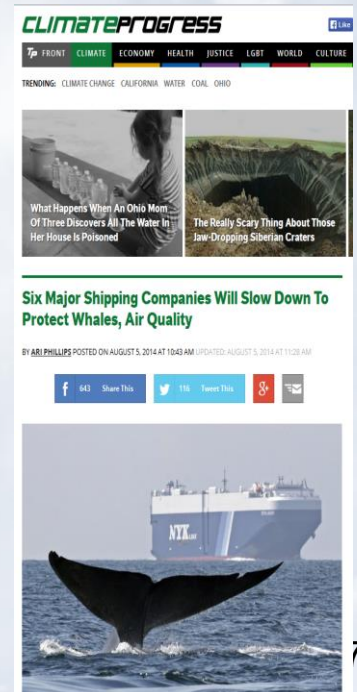
BY E. SCOTT ROCKARD

Bank of America Corp. has agreed to fork over nearly \$7 billion to settle government claims over toxic mortgage securities that helped trigger the Great Recession, according to people close to the negotiations with the Justice Department.

The agreement — \$9 billion in cash penalties and the rest in mortgage modification and other consumer

WHALE XING


A program to protect sea life and air quality will pay shippers to slow down in the Santa Barbara Channel



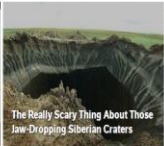
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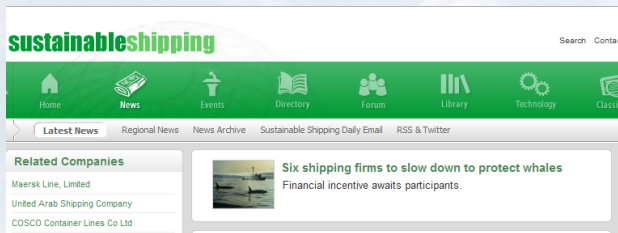



The Really Scary Thing About Those Jaw-Dropping Siberian Craters

Six Major Shipping Companies Will Slow Down To Protect Whales, Air Quality

BY ARI PHILLIPS POSTED ON AUGUST 5, 2014 AT 10:43 AM UPDATED AUGUST 5, 2014 AT 11:28 AM

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Related Companies

Maersk Line, Limited
United Arab Shipping Company
COSCO Container Lines Co Ltd

Six shipping firms to slow down to protect whales

Financial incentive awaits participants.

Community Forum

- September 10
3-5 pm
Cabrillo Arts
Pavilion Center
- Free and open
to public

Protecting Blue Whales AND Blue Skies

A unique environmental partnership
Join us to hear about the current effort to
slow down ships in the Santa Barbara Channel
for cleaner air and whale protection

Community Forum
Wednesday, September 10, 2014
3-5 pm

Cabrillo Pavilion Arts Center
1118 E. Cabrillo Boulevard, Santa Barbara
For more information visit OurAir.org



photo by John Calambokidis, Cascadia Research

For more information about this free forum,
call (805) 961-8833 (email ByrdM@sbcapcd.org) or 805-893-6433 (email Sean.Herron@noaa.gov)



Santa Barbara County
Air Pollution Control District



NATIONAL MARINE
SANCTUARIES -
CHANNEL ISLANDS



environmental
DEFENSE CENTER

OurAir.org | channelislands.noaa.gov | environmentaldefensecenter.org

Trial Funding

- Total expected funding: \$90,909
- Covers up to 32 transits
- Funding sources:
 - Santa Barbara Foundation
 - Santa Barbara County APCD
 - Ventura County APCD (pending)

Santa Barbara County APCD Funding

- Up to \$84,000 in APCD FY 14/15 budget for Vessel Speed Reduction & Old Car Buy-Back
- June 19 Board approved MOA with National Marine Sanctuary Foundation to manage APCD funds for VSR
- \$25,000 allocation per initial MOA with Foundation
- Committing additional \$15,909 per MOA provision for APCO to amend funding level

Next Steps

- Additional trial transits
- Confirm speeds; notify Marine Sanctuary Foundation of transits that qualify for payment
- Evaluate emissions reductions for trial
- Build on partnerships
- Pursue funding for larger scale program