



WEST COAST COLLABORATIVE
Public-private partnership to reduce diesel emissions

West Coast Collaborative
Marine Vessels and Ports Workgroup
July 20, 2005 Teleconference Meeting Summary

The Marine Vessels and Ports Workgroup met by teleconference on July 20, 2005. This was a regularly scheduled meeting to discuss potentially moving the workgroup toward collective action, highlight current resources, and provide a general update on the Collaborative.

Potential Move from Information Sharing to Collective Action

In response to suggestions made during previous Marine Workgroup calls, as well as discussion among workgroup members, a memo was circulated prior to the call that outlined a proposal to explore the possibility that the Marine Workgroup is capable of and interested in supporting collective coast-wide action on specific issues or topics. The memo specifically suggested that the Workgroup could meet face-to-face on October 5, 2005 in San Francisco. The purpose of the face-to-face meeting would be to:

- Network and build increased trust among the participants
- Consider and confirm desired areas of collection action, if any
- Develop plans to set in motion any agreed upon collective actions

The idea of a face-to-face meeting was widely supported by workgroup members from all sectors, including ports, agencies, and technology producers. With no disapproval voiced, the Workgroup will move ahead with planning the meeting. The meeting will take place in downtown San Francisco, possibly at EPA Region 9 facilities.

In order to prepare for a productive meeting in October, a group of volunteers representing various sectors within the Workgroup will develop and refine the meeting agenda. The intent is to distribute an agenda no later than early September; exact conference location and hotel information will be announced as soon as plans are solidified.

The following is a list of people who volunteered to refine the agenda:

- Alicia Blancarte – Port of Vancouver
- Sarah Flagg – Port of Seattle
- Bob Boyer – U.S. Maritime Administration
- Peter Greenwald – South Coast AQMD
- Bill Zeller – Puget Gas and Electric Company
- Dan Kovacich – Rainier Petroleum Corporation
- Dennis McLerran – Puget Sound Clean Air Agency
- Andrew Green – Environment Canada
- Bill Jones, EPA Region 9
- Jan Hastings – EPA Region 10

- Claire Schary – EPA Region 10

Sector Relevant Grants and Conferences

EPA reported on several grant opportunities and events currently open and relevant to the Marine sector. The West Coast Collaborative continues to track funding opportunities and conferences on the website www.westcoastcollaborative.org under the “Resources” and “Calendar” sections.

2005 Request for Carbon Offset Projects (RFP) – The Climate Trust announced the release of its 2005 Request for Carbon Offset Projects (RFP). The Trust encourages project developers with high-quality carbon offset projects to submit a project application. The Trust is interested in offsets from most project sectors. The total funding available is **\$4.3 million** for carbon offset projects. The funding that The Climate Trust will apply to this effort was provided by Portland General Electric as part of their requirement to offset the emissions from their new Port Westward power facility. The Climate Trust will be transacting for the ownership of carbon dioxide offsets through offset purchase agreement contracts. The Trust is interested primarily in projects seeking more than \$1 M in carbon funding (total project costs can be greater) and expects to fund projects at a carbon price of \$5/metric ton carbon dioxide. There is no geographic constraint on projects that can be funded. There is a \$500 application fee due for each submitted proposal. There are other fees that will be assessed. Details can be found in the RFP document. Initial proposals are due August 24, 2005. More information on the RFP process is available at: http://www.climatetrust.org/solicitations_2005_RFP.php

Washington Technology Center’s Research & Technology Development Grant Program – (Notices of intent to apply for Fall 2005 awards are due September 9, 2005. Final proposals are due October 13, 2005.) The Washington Technology Center’s Research & Technology Development Grant Program (RTD) supports research projects in Washington State that have near-term potential for commercialization. Projects must partner with Washington companies with academic or non-profit research teams. Preference is given to small companies (250 employees or fewer). Up to \$240 k will be available per project. For more information, go to: <http://www.watechcenter.org/index.php?p=RTD+Grant+Program&s=66>.

The Department of Energy – DOE is looking to grant up to \$2,500,000 for projects relating to High Temperature, Low Relative Humidity Polymer-Type Membranes, with applications due August 4, 2005. The DOE is looking for applicants that can develop such membrane materials that are suitable for use in a polymer electrolyte-type membrane fuel cell. They specifically desire the development of alternative materials with performance at 120 degrees C and 25-50 percent relative humidity. More details and information is available online at: <http://fedgrants.gov/Applicants/DOE/PAM/HQ/DE-PS36-05GO95020/Grant.html>

Pacific North West International Section ULSD Workshop – The Air and Waste Management Association, Pacific North West International Section and the Puget Sound Chapter are holding a conference on Ultra-Low Sulfur Diesel and Clean Diesel Engines,

Staying Alive after 2005 on September 15, 2005 in Seattle, Washington, at the Seattle-Tacoma Airport (SeaTac). Another conference will be held in Anchorage, Alaska on September 16, 2005. Go to www.pnwis.org for more information. [Click here to read the flyer.](#)

Port of Seattle – The Port of Seattle and EPA are planning a regional workshop on technology, cleaner fuels, and reduced emissions focused on marine terminal operators. The workshop will be held September 28, 2005 at the Port of Seattle's Terminal 30 facility. Further details are to come.

Marine Sector Updates

Information Clearinghouse Update

An information clearinghouse containing information on SECA, Emission Inventory, Emission Reduction Projects, Fuel Information, Legislation, Websites, and other helpful information pertaining to the marine sector has been created and can be found on the Marine Workgroup page of the Collaborative website at <http://www.westcoastcollaborative.org/wkgrp-marine.htm>. Please send any additional information to be added to this site to Brewster Boyd (brewster.boyd@ross-assoc.com).

SECA Process Update

Canada, the United States, and Mexico are working together to create a Sulfur Emissions Control Area (SECA) application to put forward to the International Maritime Organization (IMO). This is a science-based effort to create a full North American emissions inventory and air quality modeling report that focuses on health effects and ecological impacts. The intent is to submit a full, tri-nation (Canada, U.S., and Mexico) SECA application. The U.S. would only consider a full U.S. SECA application (as opposed to a West Coast only application). California Air Resources Board (CARB) is the lead agency for the West Coast and is the primary point of contact to EPA; Environment Canada's Pacific and Yukon Region plays a similar role as CARB for Canada. Environment Canada hopes to have a draft fuel study completed by the end of July 2005 and EPA hopes to have a fuel study on worldwide bunker fuels that reach North American waters completed by the end of 2005. The current SECA application submission to IMO timing goal is spring 2007. A target date of mid-year 2007 has been set to have an application formulated to undergo a multi-agency review process. 2009 is the intended date of implementation. Up-to-date information on this effort will be posted on the Collaborative website as the process develops.

Environment Canada Update

Environment Canada is looking to launch a best practices study for container terminals in the near future.

General Update on the Collaborative

Cleaner Fuels

The ISC recommended that the Collaborative should focus on three actions in particular to promote and support information exchange about alternative, cleaner fuel use with potential to pursue additional options in the future:

- Continue to promote and discuss cleaner fuels options within sector workgroups
- Create an information center on the Collaborative website - all areas of clean fuel would be open for consideration
- Support workshops, using a model being developed by Collaborative members in the Bay Area

Organizational Transformation

At the last ISC meeting, the ISC requested additional information on organizational transformation options, such as establishing a new non-profit or partnering with an existing non-profit in order to address some organizational structure deficiencies. The organization deficiencies noted included the Collaborative’s inability to receive and distribute private sector funds and federal agencies’ inability to have non-agency decision makers participate in agency grant selection.

On July 13, the ISC suggested that the Collaborative not pursue the development of a new non-profit organization due to limitations on EPA’s ability to participate in such a non-profit and concern over the time and resources required to transition to a non-profit organizational structure. Rather than establish a new non-profit, it was determined to leave open the possibility of partnering with an existing non-profit should a mutually beneficial arrangement be possible. Possible partners include: Weststart-CALSTART, the Great Valley Center, Clean Air Northwest, and CAPCOA.

Arizona Funding Workshops

Arizona recently kicked off its entry into the Collaborative through two workshops – one held in Tucson, AZ on June 29, 2005 and the other held in Phoenix, AZ on June 30, 2005. One of the many projects ideas to come out of these workshops was an interest in a possible sister-city biodiesel project with border communities in Mexico. Summary materials from these workshops can be viewed at <http://www.westcoastcollaborative.org/files/meetings/2005-06-29/index.htm>.

Note – If anyone would like to see a similar, small (30-100 people) workshop held in their area, please contact Michelle Roos, whose contact information can be found below.

Conclusion

The next Marine sector workgroup call will be September 21, 2005, 9-10 a.m. PDT.

Attendees

| Contact Name | Contact Organization | Contact Phone | Contact e-mail |
|------------------|--|----------------------|---------------------------------|
| Andrew Green | Environment Canada | 604-666-6499 | Andrew.Green@ec.gc.ca |
| Annie Naismith | Northwest Air Pollution Authority | 360-428-1617 x225 | annie@nwair.org |
| Anthony Fournier | Santa Barbara Air Pollution Control District | 805 961-8874 | fourniera@sbcapcd.org |
| Athena Bertolino | Ross and Associates | 206-447-1805 | Athena.bertolino@ross-assoc.com |
| Bill Jones | U.S. EPA, Region 9 | 415-947-4276 | jones.bill@epamail.epa.gov |

| Contact Name | Contact Organization | Contact Phone | Contact e-mail |
|------------------|---|---------------------|-----------------------------------|
| Bill Zeller | Puget Gas and Electricity | 415-257-3353 | WHZ2@pge.com |
| Bob Boyer | U.S. Maritime Administration | | |
| Brewster Boyd | Ross and Associates | 206-447-1805 | brewster.boyd@ross-assoc.com |
| Christine Rigby | Vancouver Port Authority | 604-665-9237 | Christine.Rigby@portvancouver.com |
| Claire Schary | 206-553-8514 | U.S. EPA, Region 10 | Schary.Claire@epamail.epa.gov |
| Dan Kovacich | Rainier Petroleum Corporation | 206-613-1449 | dan@pecos-inc.com |
| Dave Kircher | Puget Sound Clean Air Agency | 206-689-4050 | DaveK@pscleanair.org |
| Dennis McLerran | Puget Sound Clean Air Agency | 206-689-4004 | dennism@pscleanair.org |
| Dipankar Sarkar | South Coast Air Quality Management District | (909)396-2273 | DSarkar@aqmd.gov |
| Don Newbury | MIRATECH Corporation | 918-794-9370 | dnewbury@miratechcorp.com |
| Elena Guilfoil | Washington State Department of Ecology | 360-407-6855 | egui461@ecy.wa.gov |
| Guiselle Aldrete | Starcrest Consulting Group, LLC | 610-643-4267 | guiselle@starcrestllc.com |
| Heather Tomley | Port of Long Beach | 562-5904160 | Tomley@polb.com |
| Janea Scott | Environmental Defense | 212-505-2100 | JScott@environmentaldefense.org |
| Jan Hastings | U.S. EPA, Region 10 | 206-553-1582 | hastings.janis@epamail.epa.gov |
| John Berge | PMSA | 415 352-0710 | jberge@pmsaship.com |
| John Costerno | ILWU | | |
| John Skowronski | Canadian Petroleum Products Institute | | johnskowronski@cppi.ca |
| Kathleen Bailey | U.S. EPA | | bailey.kathleen@epamail.epa.gov |
| Kirk Rosenkranz | California Air Resources Board | 916-327-7843 | krosenkr@arb.ca.gov |
| McKinley Addy | California Energy Commission | 916-657-0833 | maddy@energy.state.ca.us |
| Michael Benjamin | California Air Resources Board | | mbenjami@arb.ca.gov |
| Michelle Roos | U.S. EPA, Region 9 | 415-947-4187 | roos.michelle@epamail.epa.gov |
| Mike Moore | PMSA | 425-493-6150 | mmoore@pmsaship.com |
| Peter Greenwald | South Coast AQMD | 909-396-2111 | pgreenwald@aqmd.gov |
| Sarah Flagg | Port of Seattle | 206-728-3249 | flagg.s@portseattle.org |
| Steve Gilchrist | Canadian Hydrogen Energy Company, Ltd | 800 550-4066 | sgilchrist@chechfi.com |

| Contact Name | Contact Organization | Contact Phone | Contact e-mail |
|----------------|----------------------|---------------|------------------|
| Thomas Jelenic | Port of Long Beach | 562-590-4160 | Jelenic@polb.com |