



## An Expo On Improving Goods Movement In Northern California

Oakland Marriott City Center  
& Convention Center  
Oakland, California  
www.ffca2004.com

December 8-9, 2004

### CONFERENCE AGENDA WEDNESDAY, DECEMBER 8, 2004

	START	END
<b>REGISTRATION AND CONTINENTAL BREAKFAST (EAST HALL)</b>	7:30 AM	8:30 AM
<b>WELCOME AND OPENING REMARKS (EAST HALL)</b>	8:30 AM	8:50 AM
<ul style="list-style-type: none"> <li>• <i>Councilwoman Nancy Nadel, City of Oakland</i></li> </ul>		
<b>SETTING THE FRAMEWORK (EAST HALL)</b>	8:50 AM	9:20 AM
Increasing population growth, freight movement, congestion and air quality concerns: challenges faced by California and goals for this conference <ul style="list-style-type: none"> <li>• <i>Scott Haggerty, Supervisor; Alameda County District 1</i></li> <li>• <i>Wayne Nastri, Administrator; United States Environmental Protection Agency, Region 9</i></li> </ul>		
<b>CHALLENGES FACED BY INDUSTRY (EAST HALL)</b>	9:20 AM	10:30 AM
<ul style="list-style-type: none"> <li>• <i>Sabina Stroutman, Environmental Transport Manager; IKEA</i></li> <li>• <i>Alison Bird, Environmental Management Project Engineer; Federal Express</i></li> <li>• <i>Mark Stehly, Assistant Vice President for Environmental Affairs and Research and Development; Burlington Northern Santa Fe Railway Company</i></li> <li>• <i>Jim Ganduglia, President; Ganduglia Trucking &amp; Environmental Policy Committee Chair; California Trucking Association</i></li> </ul>		
<p><b>Sponsored by Union Pacific Railroad Company; Burlington Northern Santa Fe Railway Company and the Association of American Railroads</b></p>		
<b>Q&amp;A FOR MORNING PANELISTS (EAST HALL)</b>	10:30 AM	10:50 AM
<b>BREAK</b>	10:50 AM	11:00 AM
<b>PLANNING FOR 2030: MTC GOODS MOVEMENT STUDY (EAST HALL)</b>	11:00 AM	11:45 AM
Initiating Solutions for Tomorrow, Today <ul style="list-style-type: none"> <li>• <i>Steve Heminger, Executive Director; Bay Area Metropolitan Transportation Commission (MTC)</i></li> </ul>		
<b>WORKING LUNCH IN THE EXHIBIT HALL (WEST HALL)</b>	11:45 AM	12:45 PM

Special thanks to our emcee for the conference, Jann Taber from Pacific Gas & Electric Company



## **CONFERENCE AGENDA**

**WEDNESDAY, DECEMBER 8, 2004**

	<b>START</b>	<b>END</b>
<b>OVERVIEW OF DAY-TWO WORKING GROUPS (EAST HALL)</b> Bringing Today's Solutions to Tomorrow's Projects <ul style="list-style-type: none"><li>• <b>Dike Ahanotu</b>, Project Manager; Cambridge Systematics</li><li>• <b>Brent Green</b>, Business Development Director; City of Shafter</li></ul>	<b>12:45 PM</b>	<b>1:15 PM</b>
<b>Q&amp;A FOR PANELISTS (EAST HALL)</b>	<b>1:15 PM</b>	<b>1:25 PM</b>
<b>BREAK</b>	<b>1:25 PM</b>	<b>1:35 PM</b>
<b>CONCURRENT BREAKOUT SESSIONS (2<sup>ND</sup> FLOOR BREAKOUT ROOMS)</b> Choose three (3) of ten (10) different breakout sessions. In these breakout sessions, over 40 of the industry's leading experts will present success stories and the latest information on infrastructure, technology and programmatic solutions to increase the efficiency and reduce the environmental impact of goods movement operations in California and throughout the United States. These 55-minute breakout sessions will rotate three-times. Attendees therefore will have an opportunity to visit three (3) different sessions. [See the attached breakout session descriptions for more detailed information.]	<b>1:35 PM</b>	<b>4:35 PM</b>
<b>BREAK</b>	<b>4:35 PM</b>	<b>4:45 PM</b>
<b>DAY ONE RECAP / SNAPSHOT OF DAY TWO (EAST HALL)</b> <ul style="list-style-type: none"><li>• <b>Nate Miley</b>, Supervisor; Alameda County District 4</li></ul>	<b>4:45 PM</b>	<b>5:00 PM</b>
<b>RECEPTION IN THE EXHIBIT HALL (WEST HALL)</b> Continue the day's discussions with speakers, breakout presenters, exhibitors, and the event's sponsors and hosts while relaxing after an exciting day one program.	<b>5:00 PM</b>	<b>6:00 PM</b>



**CONFERENCE AGENDA**  
**THURSDAY, DECEMBER 9, 2004**

	<b>START</b>	<b>END</b>
<b>REGISTRATION AND CONTINENTAL BREAKFAST (EAST HALL)</b> <b>EXHIBIT FLOOR OPEN</b>	<b>7:30 AM</b>	<b>8:00 AM</b>
<b>Sponsored by Embarcadero Systems Corporation</b>		
<b>OPENING REMARKS (EAST HALL)</b> California's Ports: Can They Handle the Coming Deluge? <ul style="list-style-type: none"><li>• <b>Jon Haveman</b>, Program Director, Economy Program; Public Policy Institute of California</li></ul>	<b>8:00 AM</b>	<b>8:30AM</b>
<b>FUNDING SOURCES FOR TODAY (EAST HALL)</b> Learn Where to Find Funding for Your Project <ul style="list-style-type: none"><li>• <b>Jean Roggenkamp</b>, Deputy Air Pollution Control Officer; Bay Area Air Quality Management District</li><li>• <b>Lucina Negrete</b>, Manager of Alternative Strategies Section; California Air Resources Board</li><li>• <b>George Schoener</b>, Deputy Assistant Secretary; Office of the Assistant Secretary for Transportation Planning, United States Department of Transportation</li></ul>	<b>8:30 AM</b>	<b>9:50 AM</b>
<b>BREAK</b>	<b>9:50 AM</b>	<b>10:00 AM</b>
<b>FUNDING SOURCES FOR TOMORROW (EAST HALL)</b> Efforts to Secure Future Funding for the Projects of Tomorrow <ul style="list-style-type: none"><li>• <b>Michelle Roos</b>, West Coast Diesel Emissions Reduction Collaborative; United States Environmental Protection Agency, Region 9</li><li>• <b>Hal Bolen</b>, President; Operation Clean Air</li></ul>	<b>10:00 AM</b>	<b>10:45 AM</b>
<b>FUNDING PANELISTS Q&amp;A (WEST HALL)</b>	<b>10:45 AM</b>	<b>10:55 PM</b>
<b>NETWORKING IN THE EXHIBIT HALL (WEST HALL)</b>	<b>10:55 AM</b>	<b>12:00 PM</b>
<b>KEYNOTE LUNCHEON (EAST HALL)</b> California: The Nation's Leading Cargo Gateway - Investing in Goods Movement Infrastructure and the Environment <ul style="list-style-type: none"><li>• <b>Barbara Kaufman</b>, Director of Governor Schwarzenegger's San Francisco Office</li></ul>	<b>12:00 PM</b>	<b>1:05 PM</b>
<b>Sponsored by Diesel Technology Forum</b>		
<b>BREAK</b>	<b>1:05 PM</b>	<b>1:15 PM</b>



## **CONFERENCE AGENDA**

**THURSDAY, DECEMBER 9, 2004**

	<b>START</b>	<b>END</b>
<b>CONCURRENT WORKING GROUP SESSIONS (2<sup>ND</sup> FLOOR BREAKOUT ROOMS)</b>	<b>1:15 PM</b>	<b>4:15 PM</b>
Participate in one of two (choose one) interactive working groups focused on the Northern California I-880 Corridor Study or the California Integrated Logistics Center. Stakeholders from these projects will work together to maximize efforts to modernize these systems, alleviate congestion and to reduce emissions from California's increasing goods movement activities. These projects offer state-of-the-art solutions to bring efficiency and advanced technology solutions to today's freight movement industry. [See the attached working group descriptions for more detailed information.]		
<b>BREAK</b>	<b>4:15 PM</b>	<b>4:20 PM</b>
<b>CONCURRENT WORKING GROUP REPORTS AND SUMMARY (EAST HALL)</b>	<b>4:20 PM</b>	<b>4:45 PM</b>
<ul style="list-style-type: none"><li>• <i>Dike Ahanotu, Project Manager; Cambridge Systematics</i></li><li>• <i>Michelle Roos, West Coast Diesel Emissions Reduction Collaborative; United States Environmental Protection Agency, Region 9</i></li></ul>		
<b>CONFERENCE RE-CAP AND NEXT STEPS (EAST HALL)</b>	<b>4:45 PM</b>	<b>5:00 PM</b>
<ul style="list-style-type: none"><li>• <i>Scott Haggerty, Supervisor; Alameda County District 1</i></li></ul>		
<b>EXHIBIT HALL OPEN - NETWORKING OPPORTUNITIES (WEST HALL)</b>	<b>5:00 PM</b>	<b>6:00 PM</b>
<b>ADJOURN</b>	<b>6:00 PM</b>	



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## **BREAKOUT SESSION PANELS**

**WEDNESDAY, DECEMBER 8, 2004**

The concurrent breakout sessions will allow small groups of attendees to learn about infrastructure and technology solutions and success stories already being demonstrated in specific sectors of the goods movement industry. The breakout sessions will rotate three (3) times. Each session will last 55 minutes.

### **BREAKOUT 1**

#### **LOW-EMISSION OFF-ROAD EQUIPMENT FOR PORTS, AIR TERMINALS, RAIL YARDS AND INTERMODAL FACILITIES**

##### **Introduction, Overview and Moderator**

- Diane Bailey, Scientist, Environment and Health Program; Natural Resources Defense Council

##### **NOx and PM Retrofit Devices for Off-Road Equipment**

- Tom Swenson, Director of Strategic Market Planning; Cleaire Advanced Emission Controls, LLC

##### **On-Road Diesel Engines in Off-Road Applications**

- Wayne Pighin, Vice President; APM Terminals North America

##### **Electric Ground Equipment – Zero Emissions for Off-Road Applications**

- Dave Modisette, Executive Director; California Electric Transportation Coalition

##### **Liquefied Natural Gas and Liquid Propane Gas Yard Tractors**

- Don Lawrence, Western Regional Manager; Kalmar Industries Corp.

### **BREAKOUT 2**

#### **MOVING GOODS FASTER WITH INFORMATION TECHNOLOGY IMPROVEMENTS**

##### **Efficiency through Information Technology & Homeland Security (and Moderator)**

- Dan Smith, Principal; Tioga Group

##### **Virtual Container Yards - SynchroMet**

- Paul Larking, Vice President Business Development; SynchroNet Marine, Inc.

##### **Information Technology Systems for Marine Terminals and Gate Systems**

- Pilar Dieter, Senior Product Manager; Embarcadero Systems Corporation



## **BREAKOUT 3**

### **LOW-EMISSION TECHNOLOGIES AND SOLUTIONS FOR MARINE APPLICATIONS**

#### **Introduction, Overview and Moderator**

- Teri Shore, Campaign Director; Bluewater Network

#### **Shore Power Connection Success Stories in the Port of Los Angeles**

- Eric Caris, Assistant Director of Marketing; Port of Los Angeles

#### **Shore Power Connection: An Overview and Best Practices**

- Bob Maddison, Dock Watts

#### **Cleaner Fuels and Retrofit Devices for Marine Applications**

- Paul Milkey, Air Pollution Specialist; California Air Resources Board

## **BREAKOUT 4.A**

### **LOW-EMISSION ON-ROAD TRUCKING TECHNOLOGIES**

#### **U.S. DOE Next Generation Natural Gas Vehicle Program and Moderator**

- Richard Parish, Senior Project Leader; United States Department of Energy, National Renewable Energy Laboratory

#### **Fleet Modernization Programs for Trucks Serving the Port**

- Anne Whittington, Environmental Planning Assessment Supervisor; Port of Oakland

#### **LNG for Heavy-Duty Trucking – A California Success Story and Plans for the Future**

- Manny de la Ossa, Fleet Manager; Harris Ranch
- Kirk Hunter, Director; Southwest Transportation

#### **NOx and PM Retrofit Devices for On-Road Truck Applications**

- Tim Taylor, Director of Strategic Market Planning; Cleaire Advanced Emission Controls, LLC

#### **Clean Diesel Technology Pathways to 2007 and Beyond**

- Dave Puglia, California Representative; Diesel Technology Forum



## **BREAKOUT 4.B**

### **US EPA SMARTWAY PROGRAM**

#### **US EPA SmartWay Program and Moderator**

- Michael Zatz, Environmental Engineer; United States Environmental Protection Agency, SmartWay Transport Partnership

#### **Hybrid Electric Medium and Heavy-Duty Trucks**

- Alison Bird, Environmental Management Project Engineer; Federal Express

#### **Aerodynamic Fittings for Tractor Trailers: Fuel Savings and Efficiency**

- Sean Graham, President; Freight Wing

#### **Anti-Idling Devices for Heavy-Duty Trucks**

- Doug Lozier, Director of Industrial Relations; IdleAire Technologies Corporation

## **BREAKOUT 5**

### **WORKING TOGETHER FOR SUCCESS: PUBLIC-PRIVATE COALITIONS**

#### **Introduction, Overview and Moderator**

- Rico Mastrodonato, Associate Director; California League of Conservation Voters

#### **Innovative Funding through Public-Private Partnerships**

- Tom Messer, Chief, Freight Planning Branch; California Department of Transportation (Caltrans)

#### **Clean Trucks and Public-Private Partnerships That Work**

- John Boesel, President; WestStart - CALSTART

#### **Union Pacific Delivers Emission Reductions**

- Lanny Schmid, Director Environmental Operations; Union Pacific Railroad

#### **Alameda Corridor Project**

- Arthur B. Goodwin, Director of Planning; Alameda Corridor Transportation Authority



## **BREAKOUT 6**

### **LOW-EMISSION RAIL AND LOCOMOTIVE TECHNOLOGIES**

#### **Introduction, Overview and Moderator**

- Kirk Marckwald, Principal; California Environmental Associates

#### **Auxiliary Power Units and Anti-Idling Devices**

- Lawrence J. Biess, Director, Advanced Engineering; CSX Corporation

#### **LNG Switch Locomotives**

- R.W. "Bill" Edwards, General Manager; Los Angeles Junction Railway Company

#### **Success Stories Using Emulsified Fuels in Locomotives**

- Ron Dunfee, Business Development Manager; Lubrizol Corporation

#### **Locomotive Emissions Technology: Progress & Direction**

- Michael Iden, General Director Locomotive Engineering; Union Pacific Railroad Company

## **BREAKOUT 7**

### **BUILDING A BETTER GOODS MOVEMENT INFRASTRUCTURE**

#### **Global Gateways Program and Moderator**

- Jeff Brown, Consultant; California Senate Office of Research

#### **Terminals Infrastructure and Air Quality Impacts**

- Jay M. Willenberg, P.E., Senior Air Quality Engineer; CH2M HILL

#### **Marine Terminal Design to Minimize Diesel Emissions**

- Peter Vandermat, Vice President, Planning and Analysis; JWD Group

#### **Alternative Truck Transportation Models – Inland Barge and Rail**

- Stephen J. Polechronis, Senior Vice President; DMJM+Harris
- Daniel Johnson, P.E.; JWD Group





## **BREAKOUT 8**

### **LAND USE AND NEIGHBORHOOD ISSUES**

#### **Introduction, Overview and Moderator**

- Margaret Gordon; West Oakland Environmental Indicators Project

#### **Association of Bay Area Governments / Metropolitan Transportation Commission Regional Planning Program**

- Ted Droettboom, Director; Association of Bay Area Governments / Metropolitan Transportation Committee: Joint Policy Committee

#### **Zoning for Goods Movement in the Urban Area**

- Bill Lambert, Economic Development Manager; City of Oakland

#### **Delivery Hours of Service - Neighborhood Restrictions**

- Safeway Inc. (invited)

## **BREAKOUT 9**

### **LEGISLATIVE AND REGULATORY UPDATES**

#### **Introduction, Overview and Moderator**

- Ann Notthoff, California Advocacy Director; Natural Resources Defense Council

#### **California's Efforts to Address Air Quality Impact Related to Goods Movement Activities**

- Dan Donohue, Chief, Emissions Assessment Branch Stationary Source Division; California Air Resources Board

#### **EPA Mobile Sources Regulations Update**

- Gay MacGregor, Senior Policy Advisor; United States Environmental Protection Agency

#### **Regulatory Overview for Ports**

- Norman Fassler-Katz, Senior Consultant; Assembly Committee of California Ports



## **I-880 CORRIDOR PLAN WORKING GROUP**

**THURSDAY, DECEMBER 9, 2004**

### **Overview of the Issues and the Task at Hand (1:15 – 1:25)**

- **Dike Ahanotu**, Project Manager; Cambridge Systematics

The objective of this segment of the session will be to provide a review of the types of problems that need to be addressed in conducting a freight-oriented corridor plan. The issues to be reviewed include:

- Impediments to efficient freight movement that minimize negative community impacts.
- Infrastructure issues (inadequate capacity leading to congestion, design deficiencies that lead to truck versus auto conflicts, lack of access routes to key truck destinations, inadequate geometrics at intersections and interchanges, etc.).
- Operational issues (poor information about route alternatives, limited operating hours of ports and distribution facilities, and poor incident management leading to unreliable systems).
- Land use/local regulatory issues (lack of affordable industrial land, local fiscal incentives for upgrading uses, restrictions on truck operating hours, inadequate parking, etc.).

### **Overview of the Freight Needs in the I-880 Corridor (1:25 – 2:10)**

- Overview of I-880 Corridor Freight Activities: **Doug Kimsey**, Planning Manager; Bay Area Metropolitan Transportation Commission
- The I-880 Corridor, A Trucker's Perspective: **Dan Smith**, Principal; The Tioga Group
- Plans and Programs for the I-880 Corridor: **Dana Cowell**, Deputy District Director, Caltrans District 4
- I-880 Corridor Land Use Trends: **Linda Hausrath**, Principal; Hausrath Economics

### **Issue Area Working Groups (2:10 – 3:15)**

The purpose of this working group session is to identify feasible infrastructure, information technology, regulatory/land use planning, and business practices that would provide for more efficient freight operations in the corridor. We presume that many of the concepts developed in this session will be applicable to other priority freight corridors in the region.

The participants will first be asked to identify generic and, wherever possible, specific infrastructure, information technology, operating practices, land use policies, and other regulatory strategies could be used to address the problems described in the problem statement. Each group will have a facilitator with some knowledge of the solution areas that can help the group stay on target and focus the solution discussion on what outcomes can be achieved. Solution areas that the groups will break into will include:

1. Infrastructure
2. Information Technology and Intelligent Transportation Systems
3. Land Use/Regulation/Business Practices

### **Regroup to Share Strategies and Ideas (3:15 – 4:00)**

Following these working group discussions, the leaders from each group will have 10 to 15 minutes to present to the group the solutions that they believe are most feasible for the I-880 corridor. Feasibility and tradeoffs among solutions that all tackle the same problem but from different approaches will be discussed and resolved.

### **Next Steps for Continued Work as Part of EPA Collaborative (4:00 – 4:15)**

As a wrap up, the working group will discuss how the types of strategies agreed upon by the group can be pursued in the context of the regional transportation planning process. Suggestions for appropriate forums and organizational strategies will be discussed.

- **Doug Kimsey**, Planning Manager; Bay Area Metropolitan Transportation Commission



## **CALIFORNIA INTEGRATED LOGISTICS CENTER WORKING GROUP**

**THURSDAY, DECEMBER 9, 2004**

The City of Shafter, Port of Oakland, and Northwest Container Services are working together to develop the California Integrated Logistics Center (CILC), an inland rail intermodal and container transload facility just outside of Bakersfield. This facility will feature a dedicated rail service to and from the Port of Oakland. Once developed, CILC will help to alleviate California's goods movement congestion, reduce air pollution, and contribute to a more efficient freight transportation system. This facility will provide more reliable and efficient freight service to international shippers, retailers, agricultural companies and other importers and exporters now facing continued congestion and delays in California.

The primary benefit of this project will result from the rail versus truck strategy being employed through this public-private partnership. This project will effectively remove thousands of heavy-duty trucks from the already congested freeways and roads from the Bay Area through the Southern San Joaquin Valley, as well as in the Los Angeles Basin. Beyond the primary congestion relief and truck emission reduction benefits of this project, CILC stakeholders have committed to assessing how advanced low-emission and alternative fuel mobile source technologies can be further integrated into this effort. By "layering" available advanced technology solutions on to the infrastructure solution this project brings to the table, CILC will further improve the overall emissions profile of this project.

To assist in identifying advanced, low-emission and/or alternative fuel technologies for this project, this working group will help facilitate discussion among technology and funding providers and the CILC project stakeholders. Professional staff from US EPA will help to facilitate these discussions. Following the FFCA event, discussions from this working group will be continued under the US EPA's West Coast Diesel Emission Reduction Collaborative Working Group.

### **Overview of the California Integrated Logistics Center (1:15-1:45)**

- **Steve Gregory**, Senior Port Strategic Planner, Port of Oakland
- **Brent Green**, Business Development Director; **John Guinn**, City Manager; City of Shafter and **Art Scheunemann**, Senior Vice President Business Development; Northwest Container Services, Inc.

### **Overview of the Task at Hand (1:45-1:55)**

- **Matt Haber**, Deputy Director, United States Environmental Protection Agency, Region 9

### **Sector Specific Working Groups (2:00 to 3:15)**

Participants will divide into smaller, more specialized workgroups to focus on particular segments of the CILC project. Region 9 and 10 U.S. EPA staff (listed below) with experience in these areas and types of working groups will facilitate these discussions. The segments will include the following:

1. Marine and Shipping (Facilitator: **Gay MacGregor**; Note taker: **Margot Perez-Sullivan**)
2. On-Road Trucks (Facilitator: **Peter Murchie**; Note taker: **Michelle Roos**)
3. Locomotives (Facilitator: **Susan McDowell**; Note taker: **Joseph Lapka**)
4. Off-Road Equipment (Facilitator: **Daniel Reich**; Note taker: **John Brock**)

The purpose of this working group session is to identify the advanced technologies, programs and/or infrastructure options that can be integrated within each sector to further enhance the model and primary benefits of this project. The goal will be to identify the cleanest, most efficient, most advanced, and most feasible technologies, programs and/or infrastructure options for use within each segment of the CILC project.

### **Regroup to Share Strategies and Ideas (3:15 – 4:00)**

- Working Group Leaders

### **Next Steps for Continued Work as Part of EPA Collaborative (4:00 – 4:15)**

- **Michelle Roos** and **Peter Murchie**; United States Environmental Protection Agency