

31st Annual TRB Summer Ports, Waterways, Freight & International Trade Conference

Selected Presentations from Plenary Sessions

Alternative (Non-Highway) Ways to Move Freight; Now and in the Future

Tom Messer, California Department of Transportation, presiding

Topics/Speakers:

[*Moving Freight via Public Transit: FedEx and BART*](#), Michael Graham, FedEx
[*Electric Cargo Conveyor \(ECCO\) System*](#), Ken James, California State University
at Long Beach

[*The SAFE Freight Shuttle: A 21st Century Alternative for Container Transport*](#)
Stephen Roop, Texas Transportation Institute

[*Use of Pneumatic Capsule Pipeline \(PCP\) to Transport Freight in Containers:
Port Security and Other Implications*](#), [PAPER](#), Henry Liu, Freight Pipeline
Company

Developments in Goods Movement, Marine Transportation and Port Operations

Jeannie Beckett, Port of Tacoma, presiding

Topics/Speakers:

[*Protecting Ports, Ships & Ferries from Terrorist Attack*](#), CAPT Stephen Metruck,
Sector Puget Sound, U.S. Coast Guard

[*Expanding Port Capacity through Regional Port Alliances*](#), Wilson Lacy, Port
of Oakland

[*U.S. Virtual Sea Border*](#), Donald Bliss, National Infrastructure Institute – Center
for Infrastructure Expertise

[*Challenges of Intermodal Trucking Operations in Southern California: PierPass,
TWIC, the Environment, and Driver Shortages*](#), Patty Senecal, Transport
Express, Inc.

Solutions to Reduce Environmental Health and Community Impacts of Goods Movement and Port Operations

Thomas Wakeman, Port Authority of New York/.New Jersey, presiding

Topics/Speakers:

[*Identifying the Conflicting Issues and Community Concerns of Increasing Goods
Movement*](#), John Doherty, Alameda Corridor Transportation Authority

[*Rail Environmental Initiatives in Southern California*](#), Kirk Marckwald,
California Environmental Associates and Project Manager, California Air
Quality Improvement Program, Association of American Railroads

[*“Green” Initiatives at the Port of Los Angeles*](#), Ralph Appy, Port of Los Angeles
[*Air Quality Solutions at the Port of Long Beach*](#), Luke Mahier, Parsons
Brinckerhoff

Discussant: Andrea Hricko, University of Southern California

Access North America: Expanding Gateways to the U.S. Consumer Market

Mary Brooks, Dalhousie University, presiding

Topics/Speakers:

[Expanding Capacity to the North: Prince Rupert, British Columbia](#), Paul Butcher,
Canadian National Railway (CN)

[Expanding Capacity of the Panama Canal](#), Rodolfo Sabonge, Panama Canal
Authority

[Expanding Capacity with Asia through Mexico: Lazaro Cardenas and
Manzanillo](#), Mary Brooks, Dalhousie University.