

BPC Expert Briefing: LNG Fuels for the Movement of Goods – Safety & Risk Mitigation

January 21, 2015
11:00 AM - 1:00 PM
Port of Oakland, 2nd Floor Conference Room
530 Water Street, Oakland, CA 94607

AGENDA:

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| 11:00 – 11:05 | Welcome and Introductions
<i>John Coleman, CEO, BPC</i> |
| 11:05 – 11:20 | Considerations Related to LNG at the Port of Oakland
<i>Richard Sinkoff, Port of Oakland</i> |
| 11:20 – 11:35 | LNG Fuels for the Shipping Industry
<i>Robert Hawke, Matson</i> |
| 11:35 – 11:50 | I-5 Clean Fuels (ICF) - Northern California's LNG Production Facility
<i>Richard Zahner, I-5 Clean Fuels</i> |
| 11:50 – 12:05 | Break for lunch |
| 12:05 – 12:20 | Regulation of LNG Fueling Operations in the U.S. – Regulatory Compliance and USCG Outlook
<i>Lieutenant Commander Nicolette Vaughan, United States Coast Guard</i> |
| 12:20 – 1:00 | Audience Q&A and Discussion
<i>Moderated by John Coleman, CEO, BPC</i> |

Upcoming BPC Events:

- *February 27, 2015 – BPC Expert Briefing: 2014 Water Bond & Ground Water Legislation*, Santa Clara Valley Water District, San Jose, CA, 10:30 AM to 2:00 PM
- *April 9, 2015 – Decision Makers Conference*, Oakland Scottish Rite Center, Oakland, CA, 8:00 AM to 4:00 PM

SPEAKER BIOS

Richard Sinkoff, Port of Oakland Director of Environmental Programs and Planning

Richard Sinkoff is the Director of the Division of Environmental Programs and Planning at the Port of Oakland. In this role, Mr. Sinkoff leads the Port of Oakland's regulatory, environmental compliance and safety programs for the seaport, Oakland International Airport and the Port's commercial real estate division. In 2007-2009, Mr. Sinkoff directed the Port of Oakland's Maritime Air Quality Improvement Plan. In 2012, the Port's updated emissions inventory showed a 70% reduction in diesel particulate matter (DPM) from maritime-related mobile sources. In 2010, Mr. Sinkoff directed the Port of Oakland 5-year Strategic Plan.

Mr. Sinkoff is a graduate of Columbia University and UC Berkeley. In 2006, Mr. Sinkoff completed his Juris Doctorate (JD) from Golden Gate University School of Law after four years of night school! Mr. Sinkoff is an avid swimmer, cyclist, and outdoorsman and just returned from skiing in the Colorado Rockies!

About the Port of Oakland and Oakland International Airport:

The Port of Oakland includes the Oakland seaport, Oakland International Airport, and 20 miles of waterfront. The Oakland seaport is the fifth busiest container port in the U.S.; Oakland International Airport is the second largest San Francisco Bay Area airport offering approximately 290 daily passenger and cargo flights; and the Port's real estate includes commercial developments such as Jack London Square and hundreds of acres of public parks and conservation areas.

Together, through Port operations and those of its tenants and users, the Port generates more than 73,000 jobs in the region and is connected to nearly 827,000 jobs across the United States. The Port of Oakland was established in 1927 and is an independent department of the City of Oakland.

Connect with the [Port of Oakland](#) and [Oakland International Airport](#) through Facebook, or with the Port on [Twitter](#), [YouTube](#) and at www.portofoakland.com.

Robert Hawke, Matson Director, Technical & Marine Engineering

A dedicated marine engineering professional with over thirty five years of deep-sea shipping industry experience. As Director: Technical & Marine Engineering at MATSON Navigation Company, Bob heads-up the efforts for operating and maintaining a fleet of nine container vessels, three Hawaii inter-Island barges, and four reserve ships. His teams of engineers manage the voyage repairs during 462 US port-calls throughout each year, as well as the dry-docking projects carried out in five-year cycles. Keeping ahead of emerging regulations and applying evolving technologies for the advancement of safety, environmental, and operational performance are the tenants of his job. He has thirty two years of liquid-bulk transportation experience with crude oil, refined products, and cryogenic ammonia; including eleven years of sea-going experience and an unlimited Chief Engineer's license (inactive). Bob has been awarded the USCG Meritorious Team Commendation, is a Member of the American Bureau of Shipping, and holds an international patent for a cargo lashing gear product. As a 1979 alumni of the California Maritime Academy he's a proud supporter of the CMA Foundation. Bob grew up here in the San Francisco Bay Area and resides in the East Bay with his wife and two young sons.

SPEAKER BIOS

Richard Zahner, I-5 Clean Fuels Project Manager

Richard Zahner has over 35 years of experience related to planning, design, permitting, construction, operations, and development of electric power and industrial systems. His major interest and contribution has been in power generation of all sizes and the integration of new technology including Combined Heat and Power (CHP) into commercial buildings and industrial processes. He has served in senior positions at Bechtel and Calpine and continues a consulting practice. Richard's development experience includes gas-fired combined-cycle cogeneration systems, utility scale solar projects, biomass to energy and new technology evaluation and demonstration.

I-5 Clean Fuels is being developed by the Panoche Westside Group (PWG). PWG believes that natural gas will be the fuel of choice for a significant portion of the heavy haul transportation industry. Agricultural equipment, marine (ships, ferries and tugs) and locomotives will increasingly use LNG as a cheaper, cleaner fuel. The mission of PWG is to build own and operate a number of integrated natural gas liquefaction facilities terminals and fueling stations at strategic locations in California to supply LNG to distributors, fleet operators and retail outlets (liquefied and compressed natural gas - "L/CNG"). I-5 Clean Fuels in Fresno County will be the first PWG LNG production facility.

Lieutenant Commander Nicolette Vaughan, U.S. Coast Guard Chief of the Inspections Division, Sector San Francisco

LCDR Nicolette Vaughan joined the Coast Guard in 1997 and graduated Basic Training as the Honor Graduate. Upon graduation she was assigned to Marine Safety Office in San Juan, Puerto Rico where she was first introduced to the vast responsibilities of the Marine Safety field. While there, she finished her Bachelor in Science in Criminal Justice. In February 2000, LCDR Vaughan attended Officer Candidate School and graduated in May as a Commissioned Officer. Her first tour as an Ensign was at Marine Safety Office Miami, where she gained experience conducting Cruise Ship Inspections, Foreign Freight Vessel Inspections, and Marine Casualty Investigations. After 5 years in Miami, she was transferred to Houma Louisiana and arrived one month before the devastating Hurricane Katrina. The aftermath of the storm was spent managing Emergency Support Funds issued by FEMA for Wreck & Debris removal, to include numerous commercial vessels. LCDR Vaughan also inspected Small Passenger Vessels, Barges, and Offshore Supply Vessels. Upon completion of her tour in Louisiana, LCDR Vaughan returned to Miami to an Administrative position where she provided oversight for Vessel Inspections and Investigations. She participated in numerous Marine Casualty Investigations (mostly involving Parasail vessels) and Environmental Crimes cases throughout the CG's Seventh District, which included the US Virgin Islands, Puerto Rico, Florida and South Carolina. Having completed her tour in Miami, LCDR Vaughan was transferred to Alameda in 2012 as the Assistant Chief of the Inspections Division (Vessels and Facilities). She recently ascended to the Chief of the Inspections Division and will remain in that position until June, 2016.