



**JUNE  
12-14**

**2017**

**2017**

**CONFERENCE PROGRAM**

**37TH ANNUAL**

**INTERNATIONAL  
OPERATING CONFERENCE &  
TRADE SHOW**

**HOUSTON, TEXAS**

MARRIOTT MARQUIS HOUSTON

GEORGE R. BROWN  
CONVENTION CENTER

# 2017 CONFERENCE PROGRAM

## SUN

11:30 – 7:00

**21ST ANNUAL ILTA GOLF TOURNAMENT** • Wildcat Golf Club • 1:00 p.m. Shotgun Start



## MON

8:30 – 8:45

**OPENING REMARKS: MELINDA WHITNEY, ILTA PRESIDENT / JACK MCCROSSIN, ILTA BOARD CHAIRMAN**  
MARRIOTT MARQUIS HOUSTON / TEXAN BALLROOM

8:45 – 9:45

**FEATURED SPEAKER: THE MORAL CASE FOR FOSSIL FUELS** • ALEX EPSTEIN, CENTER FOR INDUSTRIAL PROGRESS  
MARRIOTT MARQUIS HOUSTON / TEXAN BALLROOM

9:45 – 10:00

### BREAK

### DESCANSO

#### OPERATIONS SALON A

#### BUSINESS SALON H

#### COMPLIANCE SALON F

#### SESIONES EN ESPAÑOL SALON C

##### Marine Terminals

##### Market Views

##### Environmental Issues

##### Equipo y Tecnología

10:00 – 10:45

**Applications of Passing Vessel and Mooring Analysis: Modernizing the Vessel to Shore Interface**  
• Michael Ajemian and Brent Cooper, COWI North America

**The Changing Landscape of Terminal Business Models**  
• Bob Broxson, BDO USA

**Examining EPA's Transparency Trend and Regulatory Enforcement**  
• John King, Breazeale, Sachse & Wilson

10:00 – 10:40

**Un Análisis de Costo-Beneficio de Sistemas de Gestión de Terminales**  
• Yadira Alpizar, ABB

10:55 – 11:35

**Considerations for Marine Terminal Operator Safety**  
• Craig Dawson, CITGO Petroleum Corporation; Rene Gurdian, IMTT; and Burt Russell, Sprague Operating Resources

**Midstream Supply Chain Responsibilities and Liabilities**  
• Chris Alviggi, Alliant Insurance Services

**Increasing Challenges in Obtaining Air Permits**  
• Brian Burdorf and Vineet Masuraha, Trinity Consultants

10:45 – 11:10

**Soluciones y Tecnología para Mejorar la Seguridad del Proceso de Llenado de Auto y Carro Tanques**  
• Alejandro Amelio, PROM/TEC

11:45 – 12:30

**Waterway Suitability Assessments: Risk Management Considerations for New Products**  
• Steve Arendt, ABS Consulting

**A Global Perspective on Liquid Storage**  
• Tony Quinn, TankBank International

**Optical Gas Imaging for Environmental Enforcement: What Terminals Need to Know**  
• Shanon DiSorbo, DiSorbo Consulting

11:55 – 12:30

**Integración del Sistema de Sellado Electrónico al SCADA de la Terminal de Almacenamiento**  
• Victor Córdova, SCADA Industrial

12:30 – 1:30

### NETWORKING LUNCHEON

MARRIOTT MARQUIS HOUSTON / TEXAN BALLROOM

#### OPERATIONS SALON A

#### BUSINESS SALON H

#### COMPLIANCE SALON F

#### SESIONES EN ESPAÑOL SALON C

##### Facility Management

##### Personnel Management

##### Standards & Best Practices

##### Aspectos de Negocio

1:30 – 2:10

**Tank Design Strategies for Optimum Emissions Control**  
• Jeff Eickhoff, HMT LLC

**Strategies for Boosting Operational Performance by Reducing Distraction and Complacency**  
• Vanessa Shawver, Convergent Performance

**Guidance for Regulatory Audits and Government Inspections**  
• Randolph Stuart, American Midstream Partners

1:30 – 2:10

**Estrategias para Aumentar el Desempeño Operativo Reduciendo la Distracción y Autocomplacencia**  
• Antonio Cortés, Ph.D., Convergent Performance

2:20 – 3:15

**Terminal Asset Management: Costs and Benefits of Automation Technologies**  
• Todd Eldridge and Mark Willey, Pond & Company; and David Martin, Buckeye Partners

**The Importance of Courage in Empowering Tomorrow's Leaders**  
• Walter Nusbaum, Nusbaum Inc.

**API 2350: What to Expect from the Updated Standard**  
• Earl Crochet, Kinder Morgan

2:20 – 3:15

**Consejos para la Eficaz Gestión de Proyectos**  
• Rafael Gonzalez, HMT; y Frank Hernandez, Phillips 66

3:15 – 3:45

### BREAK

### DESCANSO

3:45 – 5:00

**On Shaky Ground - Seismicity and Its Impact on Terminal Operations**  
• Rama Challa, Matrix PDM Engineering; Todd Tanory, NGL Energy Partners; and Warren Cole, Phillips 66

**Back to Basics: Key Components of Terminal Operator Training Programs**  
• Mary Jane Ryan, Houston Fuel Oil Terminal Co.; Kevin Canaday, American Midstream Partners; and Brandon McCarthy, Marathon Petroleum Co.

**Approaches to Employing Safety Management Systems to Mitigate Risk**  
• Moderator: Peter Lidiak, ILTA  
• Panelists: Gary Blevins, EN Engineering; Chris Butler, NuStar Energy; and Doug Swartz, Marathon Petroleum Co.

3:45 – 5:00

**Foro Abierto: Retos Comunes Afectando Operaciones en Latinoamérica**  
• Moderador: Liliana Cruz, Antea Group • Oradores: Gennaro Dessy, Demaco Terminals Corp.; Fausto Estrada, HMT; y Rafael Rengifo, Phillips 66

5:00 – 7:00

### CONFERENCE RECEPTION

MARRIOTT MARQUIS HOUSTON / TEXAN BALLROOM

# 2017 CONFERENCE PROGRAM

## TUES

8:00 - 9:00

### ELEVENTH ANNUAL ILTA SAFETY AWARDS PRESENTATION AND BREAKFAST MARRIOTT MARQUIS HOUSTON / TEXAN BALLROOM

OPERATIONS SALON A	BUSINESS SALON H	COMPLIANCE SALON F	SESIONES EN ESPAÑOL SALON C
Asset Maintenance	General Activities	Safety & Security Issues	Operación de Terminales
<b>Leak Detection in Terminal Facility Piping</b> • Sam Adams, Phillips 66; and Ian Harris, Praxair Services	<b>Considerations for Due Dilligence in Mergers and Acquisitions</b> • Karl Pearce, Hatch	<b>Developments in Workplace Safety and Health Regulations</b> • Tressi Cordaro, Jackson Lewis	<b>La Gestión del Cambio: Una Herramienta para la Eficiencia Operacional</b> • Gonzalo Comparini, UNO Guatemala y Rene Valle, SAFHECO
<b>Strategies for Mitigating Ethanol and Methanol Stress Corrosion Cracking</b> • Moderator: Daniel Leslie, Marathon Petroleum Co. • Panelists: Chuck Corr, Archer Daniels Midland Company; John Beavers, DNV; Russell Kane, iCorrosion; John Farrell, BP; and Chip Locke, Kinder Morgan	<b>The Emerging Use of Drones at Terminals</b> • Moderator: Peter Weaver, ILTA • Panelists: Eric Conard, Petro-Diamond Terminal Company; Brian Stroom, AeroBo; and Tresmon Smith, NuStar Energy	<b>Lessons from the Field: Emergency Responders Roundtable</b> • Moderator: Rob Leipheimer, Marathon Petroleum Co. • Panelists: Lanny Armstrong, Pasadena, TX Fire Department; Jordan Blasi, IMTT; John Gross, Marathon Petroleum Co.; Stephen Peterson, Bayonne, NJ Fire Department; and Todd Truesdale, Shawnee Township, OH Fire Department	<b>La Importancia de Implementar un Sistema de Gestión Ambiental</b> • Francisco Cordero, Antea Group
<b>Control de Inventario con Baja Inversión</b> • Gustavo Magram, Varec Inc.			

9:00 - 9:50

10:00 - 11:30

9:00 - 9:50

9:55 - 10:40

10:45 - 11:30

11:30 - 1:15

### KEYNOTE LUNCHEON: A RIDE INTO THE WILD • CHRIS MORGAN MARRIOTT MARQUIS HOUSTON / TEXAN BALLROOM

1:30

### TRADE SHOW OPENS • GEORGE R. BROWN CONVENTION CENTER / EXHIBIT HALLS A & B

2:00 - 5:00

### POST-CONFERENCE TRAINING: AIR EMISSIONS - LOADING OPERATIONS MARRIOTT MARQUIS HOUSTON / 3RD FLOOR

5:45

### PRIZE GIVEAWAY ★ MUST BE PRESENT TO WIN

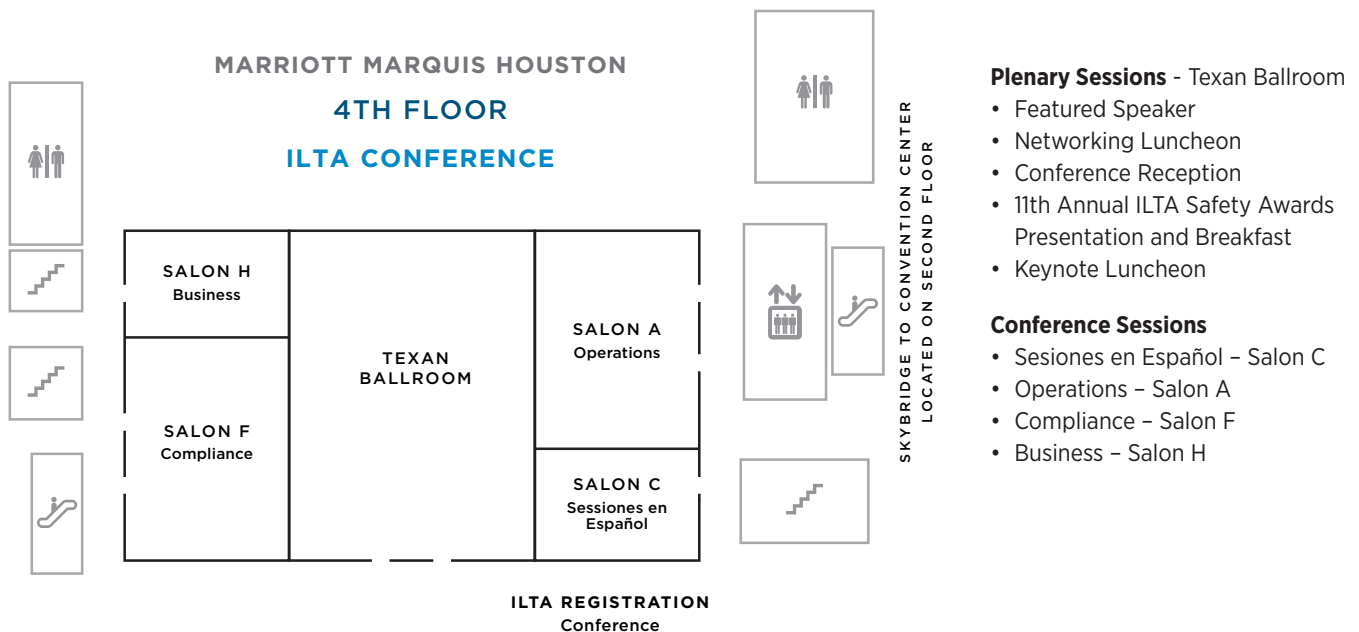
6:00

### TRADE SHOW CLOSES

6:00 - 7:30

### TRADE SHOW RECEPTION

MARRIOTT MARQUIS HOUSTON / PARKVIEW TERRACE



# 2017 CONFERENCE PROGRAM

## WED

8:00 - 5:30

**POST-CONFERENCE TRAINING: ADVANCED TANKS - AIR EMISSIONS**  
MARRIOTT MARQUIS HOUSTON / 3RD FLOOR

8:00 - 5:30

**POST-CONFERENCE TRAINING: INTRODUCTION TO TERMINALS**  
MARRIOTT MARQUIS HOUSTON / 3RD FLOOR

9:00

**TRADE SHOW OPENS • GEORGE R. BROWN CONVENTION CENTER / EXHIBIT HALLS A & B**

9:30 - 12:00

**TRADE SHOW SYMPOSIUM**  
EXHIBIT HALLS A & B / PRESENTATION THEATER ON SHOW FLOOR

9:30 - 10:05

**U.S. TERMINAL FACILITY SECURITY COMPLIANCE UPDATE**  
STEVE ROBERTS • ROBERTS LAW GROUP

10:10 - 10:45

**FIRE PROTECTION EQUIPMENT INSPECTION, TESTING AND MAINTENANCE: AN OVERVIEW OF NFPA 25**  
RENE SLOOF • ANTEA GROUP

10:50 - 11:15

**TECHNICAL AND REGULATORY CONSIDERATIONS FOR SELECTING AND PURCHASING VALVES**  
BILL LANNING • WORLDWIDE OILFIELD MACHINE, INC.

11:20 - 12:00

**UPGRADING INFRASTRUCTURE TO ACCOMMODATE TERMINAL AUTOMATION: A CASE STUDY**  
RICH CAQUETTE • LETICO, INC.

1:45

**PRIZE GIVEAWAY ★ MUST BE PRESENT TO WIN**

2:00

**TRADE SHOW CLOSSES**

## THURS

8:00 - 2:00

**POST-CONFERENCE TRAINING: ADVANCED TANKS - AIR EMISSIONS (CONTINUED)**  
MARRIOTT MARQUIS HOUSTON / 3RD FLOOR

8:00 - 2:00

**POST-CONFERENCE TRAINING: INTRODUCTION TO TERMINALS (CONTINUED)**  
MARRIOTT MARQUIS HOUSTON / 3RD FLOOR

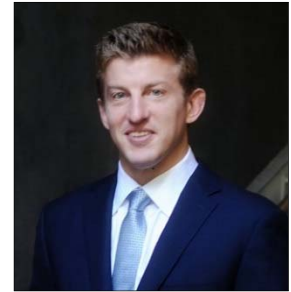
# 2017 Session Descriptions

## FEATURED SPEAKER

**ALEX EPSTEIN**  
**Center for Industrial Progress**

### The Moral Case for Fossil Fuels

**Monday, June 12 | 8:30 a.m. – 9:45 a.m.**



ILTA's 2017 conference will kick off with a presentation by Alex Epstein, founder of the Center for Industrial Progress. Drawing on original insights and cutting-edge research, Epstein will examine the significance of cheap, reliable energy and its ability to improve man's quality of life, from economic stability to environmental and public health. He will seek to debunk the myths about fossil fuels, exploring how not only are they better in terms of impact, but that there is a moral obligation to use more for the sake of our economy and our future.

## KEYNOTE LUNCHEON



**Chris Morgan**  
**Motorcycle Enthusiast and Wildlife Ecologist**

### A Ride Into the Wild

**Tuesday, June 13 | 11:30 a.m. – 1:15 p.m.**

Join world renowned wildlife ecologist, Chris Morgan, for a backroad adventure into the wild as he shares tales from his journeys into some of the most remote places on Earth to film animals. He has spent more than 20 years working as a researcher, guide and educator, hosting and narrating Emmy-award winning TV productions for The Discovery Channel, National Geographic Television and the BBC. Using stunning images and film clips from his work, Morgan will deliver an inspiring message that will leave attendees wanting to brave the unknown in pursuit of their dreams.

Admission to the keynote luncheon is included with all conference registrations. Reserved tables of eight and individual tickets for this event are also available for purchase.

## OPERATIONS TRACK

### MARINE TERMINALS

#### Applications of Passing Vessel and Mooring Analysis: Modernizing the Vessel to Shore Interface

**Monday, June 12 | 10:00 a.m. – 10:45 a.m.**

Michael Ajemian and Brent Cooper, COWI North America, will examine mooring and berthing structures at marine terminals and how passing vessel and mooring analyses can be applied to new construction and facility modification designs. They will review the impacts of increased passing vessel loads due to larger ships transiting deeper and wider channels as well as the effects of deterioration and reduction of capacity on existing structures that are approaching the end of their design service lives. The speakers will highlight the basic operations of vessel mooring and berthing, regulatory considerations, and share strategies for inspecting, maintaining, and modernizing waterfront structures at terminal facilities.



# 2017 Session Descriptions

## Considerations for Marine Terminal Operator Safety

**Monday, June 12** | 10:55 a.m. – 11:35 a.m.

This roundtable discussion will feature three ILTA terminal company representatives who will share best practices in addressing dock safety issues impacting marine terminal operators. Speakers are Craig Dawson, Integrated Management Systems Manager for CITGO Petroleum Corporation, Rene Gurdian, Regional Terminal Manager for IMTT, and Burt Russell, Vice President of Operations for Sprague Operating Resources. They will discuss lessons learned from near misses and safety incidents at their facilities and provide tips for improving worker safety.

## Waterway Suitability Assessments: Risk Management Consideration for New Products

**Monday, June 12** | 11:45 a.m. – 12:30 p.m.

The U.S. Coast Guard requires marine terminal operators to conduct a waterway suitability assessment to identify the risks associated with bringing a new product into a port. Steve Arendt, ABS Consulting, will examine the risk assessment elements of the waterway suitability assessment and review management strategies for facilities looking to expand their operations and store new products. He will provide an overview of the regulatory requirements and present examples to address common challenges that facilities face in conducting risk analyses as part of the waterway suitability assessment process.

### FACILITY MANAGEMENT

## Tank Design Strategies for Optimum Emissions Control

**Monday, June 12** | 1:30 p.m. – 2:10 p.m.

Jeff Eickhoff, HMT, will examine design considerations for floating roof tanks and discuss optimization strategies to aid terminal facility operators in minimizing emissions. He will focus on emission controls for floating roof tanks, related costs and the performance trade-offs of alternative solutions. Attendees will gain a better understanding of the design process and design elements that minimize the emissions from floating roof tanks.

## Terminal Asset Management: Costs and Benefits of Automation Technologies

**Monday, June 12** | 2:20 p.m. – 3:15 p.m.

This presentation will address the costs and benefits of implementing a data-driven terminal asset management system. Todd Eldridge and Mark Willey of Pond & Company will review GIS-based management systems, demonstrating how newer asset management applications can not only track multi-year costs for budgeting purposes but can also provide notification of upcoming inspections or recurring maintenance activities and be used as a repository of drawings, reports and repair data for quick viewing and download. David Martin of Buckeye Partners will share his perspectives on automated systems and lessons learned during the implementation of an automated asset management system at a terminal facility.

## On Shaky Ground – Seismicity and Its Impact on Terminal Operations

**Monday, June 12** | 3:45 p.m. – 5:00 p.m.

In October 2015, Cushing, OK, experienced its highest magnitude earthquake to date, raising concern about the impact on terminal facility infrastructure. In response, Matrix PDM Engineering performed a limited analysis of the response of representative tank sets to help identify the effects of these earthquakes. The study was performed to provide guidance to a consortium comprised of terminal owner/operators, regulatory authorities and others based in Cushing. This presentation will present results from the study and share protocols that terminal companies have in place to utilize during and after a seismic event. Speakers are Rama Challa, Matrix PDM Engineering; Warren Cole, Phillips 66; and Todd Tanory, NGL Energy Partners.

# 2017 Session Descriptions

## ASSET MAINTENANCE

### Leak Detection in Terminal Facility Piping

**Tuesday, June 13** | 9:00 a.m. – 9:50 a.m.

Ian Harris, Praxair Services, and Sam Adams, Phillips 66, will review strategies for detecting leaks in terminal facility piping, including drain lines, manifold lines, product lines, prover lines and rack lines. They will examine criteria for leak detection and inspection programs and share best practices. Harris will also provide an overview of the tracer gas methodology and share findings from facility tests to illustrate the capabilities and limitations of its application at terminals.

### Strategies for Mitigating Ethanol and Methanol Stress Corrosion Cracking

**Tuesday, June 13** | 10:00 a.m. – 11:30 a.m.

**Moderator:** Daniel Leslie, Marathon Petroleum Co.

**Panelists:** John Beavers, Det Norske Veritas (USA); Chuck Corr, Archer Daniels Midland Company; John Farrell, BP; Russell Kane, iCorrosion; and Chip Locke, Kinder Morgan

The mandate for the use of biofuels has resulted in increased risk of stress corrosion cracking-related incidents caused by inadequate practices in the transport, handling and storage of ethanol and methanol. A panel of industry experts and facility operators will discuss the causes and effects of stress corrosion cracking. Sharing case studies and lessons learned, the panel will reveal effective practices for addressing stress corrosion cracking from methanol and ethanol at terminal facilities.

## BUSINESS TRACK

### MARKET VIEWS

### The Changing Landscape of Terminal Business Models

**Monday, June 12** | 10:00 a.m. – 10:45 a.m.

Bob Broxson of BDO USA will provide an overview of different business models used by terminal companies and examine opportunities for growth within the midstream market. He will discuss advantages and disadvantages associated with the different corporate structures and share strategies for structuring for investment and growth. Broxson will also address infrastructure developments that have led to the increased use of the master limited partnership model.

### Midstream Supply Chain Responsibilities and Liabilities

**Monday, June 12** | 10:55 a.m. – 11:35 a.m.

Terminal operators assume legal liability for customers' goods and products while under their care, custody or control; however, incidents can happen where there are extenuating circumstances, and liability (legal or contractual) is not clearly defined. Active insurance policies may not respond as intended resulting in no attachable insurance coverage, protracted coverage litigation, damage to brand and loss of revenue. Chris Alviggi of Alliant Insurance Services will examine types of coverage offered in terminal liability and pollution legal liability policies, identify policy gaps, and discuss how to fill these gaps using insurance and alternative risk transfer techniques.

### A Global Perspective on Liquid Storage

**Monday, June 12** | 11:45 a.m. – 12:30 p.m.

Tony Quinn, TankBank International, will provide an overview of storage development outside of the U.S. and give a perspective on the drivers of storage internationally. He will present a continent-by-continent analysis of commercial

# 2017 Session Descriptions

activity in the midstream market, covering storage demand, terminal valuations, new developments and the impact of financial investment on the industry. Other topics to be discussed include development in Asia, the Fujairah Effect and how changes in product types are influencing the future of liquid storage.

## PERSONNEL MANAGEMENT

### Strategies for Boosting Operational Performance by Reducing Distraction and Complacency

**Monday, June 12 | 1:30 p.m. – 2:10 p.m.**

Using pop culture examples to portray how distractions and complacency lead to non-compliance, Vanessa Shawver will explore strategies for boosting operational performance. She will examine sources and causes of non-compliance and provide tips for how to identify them at the terminal. Additionally, she will present an overview of operational costs associated with non-compliance and share a technology for tracking activities and improving worker performance.

### The Importance of Courage in Empowering Tomorrow's Leaders

**Monday, June 12 | 2:20 p.m. – 3:15 p.m.**

In business, courage is often about charging toward something that is risky. It is also about having the willingness to endure something when it is difficult. Great leaders recognize that little things matter because each small act contributes to what defines them. This presentation will examine the importance of having courage and its role in the workforce. Walter Nusbaum, founder of The Nusbaum Group, a consulting firm that specializes in organization management and professional coaching, will share his insights on the role courage can have in succession planning, professional development and team morale.

### Back to Basics: Key Components of Terminal Operator Training Programs

**Monday, June 12 | 3:45 p.m. – 5:00 p.m.**

A group of ILTA terminal member representatives will examine common challenges and best practices for managing terminal operator training programs and meeting compliance obligations. The discussion will include a review of the worker education requirements and ideas for tracking worker education needs and identifying knowledge gaps. Speakers are Kevin Canaday, American Midstream Partners; Brandon McCarthy, Marathon Petroleum Co.; and Mary Jane Ryan, Houston Fuel Oil Terminal Company.

## GENERAL ACTIVITIES

### Considerations for Due Diligence in Mergers and Acquisitions

**Tuesday, June 13 | 9:00 a.m. – 9:50 a.m.**

Performing due diligence is a necessary step in merger and acquisition activities. Karl Pearce, Global Director of Investment and Business Planning with Hatch, will examine the various aspects of due diligence, including assessing and managing risk, performing an economic analysis, conducting market studies, examining insurance coverage and identifying regulatory issues when reviewing assets or projects in development.

### The Emerging Use of Drones at Terminals

**Tuesday, June 13 | 10:00 a.m. – 11:30 a.m.**

ILTA's Vice President of Project Administration, Peter Weaver, will lead a panel discussion on the applications of unmanned aircraft systems at liquid terminal facilities. Brian Stroom, Founder and CEO of Aerobo, an aerial filming and drone cinematography company, will review the technology's capabilities and limitations and identify applications for terminal facilities. Eric Conard, Manager, Environmental and Business Development for Petro-Diamond Terminal Company, and Tresmon Smith, Survey Manager for Nustar Energy, will discuss opportunities for



# 2017 Session Descriptions

the use of drones in surveying and inspecting terminal facilities as well as in oil response. Speakers will examine licensing and regulatory compliance issues and potential difficulties for drone operators.

## COMPLIANCE TRACK

### ENVIRONMENTAL ISSUES

#### Examining EPA's Transparency Trend and Regulatory Enforcement

**Monday, June 12** | 10:00 a.m. – 10:45 a.m.

In 2016, the Environmental Protection Agency (EPA) launched its Next Generation Initiative to promote transparency, improve online access to information, and increase monitoring activities. The agency also issued a new National Enforcement Initiative focused on storage tanks. Collectively, these initiatives have introduced new resources for the public to amass an ever increasing amount of facility and industry data. John King of Breazeale, Sachse & Wilson will review these initiatives, exploring the various mechanisms by which the public may utilize the information, such as citizen suits and/or class action damage claims and share ways in which companies can minimize these potential risks.

#### Increasing Challenges in Obtaining Air Permits

**Monday, June 12** | 10:55 a.m. – 11:35 a.m.

Brian Burdorf and Vineet Masuraha of Trinity Consultants will examine recent regulatory actions impacting terminal facility air permits in the United States. They will provide an update on the implementation of the Environmental Protection Agency's 2008 and 2015 National Ambient Air Quality Standards for ozone and amendments to existing start-up, shut-down and malfunctions provisions. They will also discuss the impact of recent product changes and reclassifications. In addition, the speakers will share their perspectives on potential changes to these requirements under the Trump Administration.

#### Optical Gas Imaging for Environmental Enforcement: What Terminals Need to Know

**Monday, June 12** | 11:45 a.m. 12:30 p.m.

Shanon DiSorbo of DiSorbo Consulting LLC, a Texas focused environmental consulting firm, will examine the use of Optical Gas Imaging (OGI) for environmental inspections at petroleum facilities. He will provide an overview of how the OIG technology works and discuss implications of its use by inspectors to enforce environmental requirements. He will present data from inspections where the technology was used, noting potential conflicts that could arise from the emerging use of OIG data by environmental permitting and enforcement authorities. DiSorbo will also share insights on protocols that are being developed and adopted by petrochemical manufacturers to proactively monitor their emission sources.

### STANDARDS & BEST PRACTICES

#### Guidance for Regulatory Audits and Government Inspections

**Monday, June 12** | 1:30 p.m – 2:10 p.m.

This presentation will examine various audits required by federal, state and local authorities and strategies for navigating agency enforcement jurisdictions. Randolph Stuart of American Midstream Partners will review different audit types and discuss how interagency Memorandums of Understanding can impact inspections. He will provide guidance and share tips for recordkeeping, audit preparation and completing reports.

# 2017 Session Descriptions

## API 2350: What to Expect from the Updated Standard

**Monday, June 12** | 2:20 p.m. – 3:15 p.m.

During 2017, the American Petroleum Institute (API) will release the fifth edition of API Recommended Practice 2350: Overfill Protection for Storage Tanks in Petroleum Facilities (API 2350) for review and comment by industry stakeholders. Earl Crochet, Kinder Morgan, current co-Chair of the API 2350 Tank Overfill Committee, will review proposed changes to API 2350 that could impact terminal operations, including updates to the scope, risk assessment and technology provisions in the existing standard. Crochet will also examine how industry standards are developed and approved and discuss opportunities for terminal companies to participate in the process.

## Approaches to Employing Safety Management Systems to Mitigate Risk

**Monday, June 12** | 3:45 p.m. – 5:00 p.m.

**Moderator:** Peter Lidiak, ILTA

**Panelists:** Gary Blevins, EN Engineering; Chris Butler, NuStar Energy; and Doug Swartz, Marathon Petroleum Co.

ILTA's Vice President of Government Affairs, Peter Lidiak, will lead a panel discussion on industry practices for developing and implementing safety management systems to reduce hazards at terminal facilities. Gary Blevins of EN Engineering will kick off the discussion with an overview of the Occupational Safety and Health Administration's Process Safety Management (PSM) standard, which includes specific guidelines for regulated facilities to manage highly hazardous chemicals to control risks. Chris Butler with NuStar Energy and Doug Swartz of Marathon Petroleum Co. will share strategies for implementing safety management systems at terminal facilities. Lidiak will provide an update on ILTA's Process Safety Working Group activities, including the development of guidance for utilizing a safety management system to minimize hazards in the workplace.

## SAFETY & SECURITY ISSUES

## Developments in Workplace Safety and Health Regulations

**Tuesday, June 13** | 9:00 a.m. – 9:50 a.m.

Tressi Cordaro of Jackson Lewis, a firm specializing in workplace law, will focus on the practical impacts of recent regulations and court rulings on the regulated community and explain how these actions may amend or affect compliance obligations for terminal companies. Cordaro will review federal regulations including revisions to the Process Safety Management standard, new injury and illness reporting requirements, and updates to the personal protective equipment and fall protection requirements.

## Lessons from the Field: Emergency Responders Roundtable

**Tuesday, June 13** | 10:00 a.m. – 11:30 a.m.

**Moderator:** Rob Leipheimer, Marathon Petroleum Co.

**Panelists:** Lanny Armstrong, Pasadena, TX Fire Department; Jordan Blasi, IMTT; John Gross, Marathon Petroleum Co.; Stephen Peterson, Bayonne, NJ Fire Department; and Todd Truesdale, Shawnee Township, OH Fire Chief

Rob Leipheimer, Marathon Petroleum Co., will facilitate a roundtable discussion on common emergency response issues facing the terminal industry. Panelists will share their experiences in responding to natural disasters, fires, spills and accidents. They will address common challenges identified by members of ILTA's Emergency Response Working Group and discuss strategies for effective emergency preparedness and response.

# SESIONES EN ESPAÑOL

## EQUIPO Y TECNOLOGÍA

# 2017 Session Descriptions

## Un Análisis de Costo-Beneficio de Sistemas de Gestión de Terminales

**Lunes, 12 de Junio** | 10:00 a.m. a 10:40 a.m.

Yadira Alpizar de ABB presentará las ventajas de implementar un sistema de gestión de terminales en la optimización de las operaciones llevadas a cabo en una terminal de almacenamiento de líquidos. Mostrará un análisis de costo-beneficio del impacto que representa alcanzar niveles de mayor automatización, reflejados en el nivel de inversión y beneficios a largo plazo en gestión de información y tareas de la terminal.

## Soluciones y Tecnología para Mejorar la Seguridad del Proceso de Llenado de Auto y Carro Tanques

**Lunes, 12 de Junio** | 10:45 a.m. a 11:10 a.m.

El mercado relacionado con plataformas de llenado se encuentra actualmente en un periodo de rápida expansión, considerando cada vez son más las terminales en rehabilitación o modernización para cumplir con la demanda de servicios con una alta calidad de almacenamiento. Alejandro Amelio de PROM/TEC expondrá sobre la tecnología de punta para mejorar la seguridad del trabajador en las plataformas de llenado y a la vez optimizar operaciones, identificando puntos de riesgo y compartiendo soluciones tecnológicas que sirven ambas metas.

## Diseño de Sistemas de Mezcla en Terminales

**Lunes, 12 de Junio** | 11:15 a.m. a 11:50 a.m.

Carlos Zambrano, Presidente de las empresas del GRUPO SYZ, examinará los criterios de diseño, los principales componentes y la función de los sistemas de mezcla de líquidos usados actualmente en terminales.

## Integración del Sistema de Sellado Electrónico al SCADA de la Terminal de Almacenamiento

**Lunes, 12 de Junio** | 11:55 a.m. a 12:30 p.m.

Victor Córdova de SCADA Industrial expondrá sobre los beneficios de usar un sistema de sellado electrónico de autotanque integrado con el SCADA de la terminal para obtener el mayor valor de los sistemas y controlar ambas funcionalidades desde la misma plataforma de monitoreo. El analizará como la integración de los sistemas funciona, incluyendo la comunicación inalámbrica utilizada entre los sistemas y las funcionalidades avanzadas que se permite con la integración.

## ASPECTOS DE NEGOCIO

## Estrategias para Aumentar el Desempeño Operativo Reduciendo la Distracción y Autocomplacencia

**Lunes, 12 de Junio** | 1:30 p.m. a 2:10 p.m.

Antonio Cortés, Convergent Performance, dará una presentación usando los iconos de la cultura pop para ilustrar como la distracción y autocomplacencia en el lugar de trabajo puede afectar cumplimiento con requisitos. El examinará la conexión entre estos malos hábitos y el alto costo que lleva su incumplimiento, usando ejemplos reales de la industria de terminales. Cortés compartirá soluciones para convertir estos empleados en los superhéroes necesitados para combatir estas tendencias y aumentar el desempeño operacional.

## Consejos para la Eficaz Gestión de Proyectos

**Lunes, 12 de Junio** | 2:20 p.m. a 3:15 p.m.

Los grandes proyectos de instalación de tanques de almacenamiento generalmente requieren varios contratistas y presentan numerosas complejidades técnicas y de planificación. Rafael Gonzalez, HMT, y Frank Hernandez, Phillips 66, hablarán sobre los aspectos fundamentales de la gestión de proyectos en el contexto de proyectos de tanques de

# 2017 Session Descriptions

almacenamiento y compartirán mejores prácticas con énfasis en la importancia de la seguridad, la calidad de las especificaciones del proyecto, el ámbito del trabajo, la planificación y la comunicación.

## Foro Abierto: Retos Comunes Afectando Operaciones en Latinoamérica

**Lunes, 12 de Junio** | 3:45 p.m. a 5:00 p.m.

**Moderador:** Liliana Cruz, Antea Group

**Oradores:** Gennaro Dessy, Demaco Terminal Operations Corp.; Fausto Estrada, HMT; y Rafael Rengifo, Phillips 66

ILTA será sede de un foro abierto dirigido por operadores de terminales y proveedores de la industria, quien examinarán los retos comunes que impactan a las operaciones en Latinoamérica. Presentarán varios ejemplos para demostrar las prácticas de la industria y compartir sus perspectivas en cómo asegurar la flexibilidad de mantenimiento, minimizar la pérdida de producto y mejorar la eficiencia operacional.

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## OPERACIÓN DE TERMINALES

### La Gestión del Cambio: Una Herramienta para la Eficiencia Operacional

**Martes, 13 de Junio** | 9:00 a.m. a 9:50 a.m.

Rene Valle de SAFHECO y Gonzalo Comparini de UNO Guatemala expondrán sobre la importancia de implementar un programa de gestión de cambio, enfocando en la seguridad proactiva (prevención), compartiendo mejores prácticas y examinando las metodologías para evaluar el impacto de varios tipos de cambio. Comparini también compartirá sus experiencias desde el punto de vista de un operador de terminal, considerando como este proceso puede ayudar a preservar la integridad de la operación.

### La Importancia de Implementar un Sistema de Gestión Ambiental

**Martes, 13 de Junio** | 9:55 a.m. a 10:40 a.m.

Francisco Cordero, Antea Group, examinará la implementación de un sistema de gestión ambiental desde la perspectiva financiera, analizando cómo se implementa un sistema de gestión, el costo de implementación y el ahorro en el largo plazo. Asistentes a esta sesión recibirán una copia traducida del documento de orientación desarrollado por ILTA, *TOS 18: Environmental Management System Guide*.

### Control de Inventario con Baja Inversión

**Martes, 13 de Junio** | 10:45 a.m. a 11:30 a.m.

Muchos operadores siguen realizando manualmente la medición de nivel en tanques para realizar el control de inventario en sus terminales. Gustavo Magram de Varec, Inc. expondrá la necesidad de un sistema que minimice la interacción entre los operadores y el producto, reduciendo los riesgos físicos y de salud, y los tiempos de operación. Magram presentará varias alternativas tecnológicas para demostrar que actualizar el método y sistema de medición y por ende mejorar la eficiencia de la operación, no requiere una gran inversión.

## TRADE SHOW SYMPOSIUM

### U.S. Terminal Facility Security Compliance Update

**Wednesday, June 14** | 9:30 a.m. – 10:05 a.m.

Steve Roberts of Roberts Law Group/Chemical Security Group will provide an update on the state of federal security regulations impacting the terminal industry. Topics that will be discussed include updates on the Maritime Transportation Security Act and the recently issued Transportation Worker Identification Credential Reader Rule. Roberts will also provide an update on the Chemical Facility Anti-Terrorism Standards and related personnel surety requirements.

### Fire Protection Equipment Inspection, Testing and Maintenance: An Overview of NFPA 25

**Wednesday, June 14** | 10:10 a.m. – 10:45 a.m.

This presentation will review industry standards for fire protection equipment and the NFPA 25 tool for tracking inspection, testing and maintenance activities. Rene Sloof, Antea Group, will share case studies and lessons learned in implementing NFPA 25 at various operations in Europe. Sloof will review criteria for determining if existing fire protection equipment is fit-for-purpose as well as the testing, inspection and maintenance lifecycle requirements.