

## API Offshore Safe Lifting Conference & Expo

September 24-25, 2019 | Westin Houston Memorial City | Houston, Texas, USA | [www.api.org/offshore](http://www.api.org/offshore)

\*As of September 10, 2019 | Agenda subject to change

### Tuesday, September 24, 2019

- 7:00 am – 8:00 am      **Registration and Continental Breakfast**
- 8:00 am – 8:15 am      **Welcome: Opening Remarks and Safety Moment**  
2019 Conference Co-Chair:  
Jake Reidenbach, BP
- 8:15 am – 9:00 am      **Opening Keynote K1– Paul Liberato, President Billy Pugh Inc.**  
  
**Moderator: Jake Reidenbach, BP**  
  
*Advances in personnel transfer safety technology*
- 9:00 am – 9:50 am      **SESSION 1: Opening Remarks from BSEE & USCG**  
  
**Moderator: Holly Hopkins, API**  
  
**Speaker: RADM John Nadeau Commander, Eighth Coast Guard District, USCG (confirmed)**  
  
**Speaker: Scott Angelle, Director, BSEE (invited)**
- 9:50 am – 10:10 am      **Morning Refreshment Break *Sponsored by NSL***
- 10:10 am – 11:00 am      **SESSION 2: 2017 & 2018 Lifting Incident Data Review**  
  
**Moderators: Jake Reidenbach, BP**  
  
**Panel:**  
**Travis Dupre, Thunder Oilfield Services**  
**Brandon Bollinger, Gulf Crane Services**  
**John Martines, Shell Pipeline**  
**JR Guidry, Sparrows**  
**Callum Wilkinson, Hess**
- 11:00 am – 12:00 pm      **SESSION 3: Review of API 2C 8<sup>th</sup> Edition & API 2CCU**  
  
**Moderators: Roger Burgoon, PACCAR and Marc Wallace, ExxonMobil**  
  
*Incident Review: Failure of Crane Hydraulic Boom Cylinders*  
  
*Update & Review of API 2C Offshore Pedestal-mounted Cranes 8<sup>th</sup> Edition*  
  
**3A Speaker: Joseph Angeron, Oil States**  
  
*API 2CCU - Why Below Hook Standards are Important in Marine Lifting*  
  
**3B Speaker: Sean Marshall, American Energy Cargo Container Association**
- 12:00 pm – 1:00 pm      **Lunch – *Sponsored by Shell Pipeline***
- 1:10 pm – 2:10 pm      **SESSION 4: Construction Vessel & Subsea Lifting**  
10, 20, 20,10  
  
**Moderators: John Martines, Shell and Brandon Verret, Sparrows**

*Incident Review: TBD*

#### **4A Embedded Object Liberation**

*An investigation into the dynamics of liberating embedded objects, such as piles, conductors and single caissons using self-elevating unit construction vessels. The analysis seeks to quantify the risk associated with crane use in deconstruction activities in the decommissioning industry with an emphasis on subsea pile removal.*

**Speaker: Bryan Bywalec, Falcon Global**

#### **4B Subsea Lifting**

*Description Available Soon*

**Speaker: Matt McLean, McDermott**

2:10 pm – 3:30 pm

### **SESSION 5: Corrosion Issues with Steel and Crane Components & How to Deal with It**

**Moderators: Brandon Bollinger, Gulf Crane and Jake Reidenbach, BP**

*Incident Review: Pendant Wire Failure*

#### **5A Strain Aging in High Tensile Wire Rope**

*An understanding of how to prevent and detect problems associated strain ageing in wire rope.*

**Speaker: Travis Dupre, Thunder Oilfield Services**

#### **5B Corrosion and Derating of Cranes – Contractor Perspective**

*The Not so simple issue of Corrosion and De Rates – A Service Contractors Veiwpoint*

**Speaker: Mike Terrell, Gulf Crane**

3:30 pm – 3:50 pm

#### **Afternoon Refreshment Break – Sponsorship Available**

3:50 pm – 4:45 pm

### **SESSION 6: IOGP JIP 33 Initiative (What Is It & Does It Affect My Cranes?)**

**Moderators: Jake Reidenbach, BP**

*Incident Review: TBD*

*What is IOGP JIP 33? Does it affect my operation & how does it tie to API 2C? This session will guide you through what the intent of IOGP JIP 33 is and how it ties into API 2C.*

**6A Speaker: Ken Arnold, BP America**

4:45 pm – 5:00 pm

#### **Wrap-up of Day One**

2019 Conference Co-Chair:  
Jake Reidenbach, BP

5:00 pm – 6:30 pm

#### **Welcome Reception and Networking – Sponsorship Available**

## **Wednesday, September 25, 2019**

8:00 am – 8:15 am

#### **Opening Remarks, Recap of Day 1 and Safety Moment**

2019 Conference Co-Chair:  
Brandon Bollinger, Gulf Crane Services

8:15 am – 9:00 am	<p><b>Session K2: Keynote Speaker: Dick Wolbers, Heerema Marine Contractors U.S. Inc. Sleipnir &amp; Quad Lift</b></p> <p><b>Moderator: Brandon Bollinger, Gulf Crane Services</b></p> <p><i>Description Available Soon</i></p>
9:00 am – 10:20 am	<p><b>SESSION 7: Crane Operator / Rigger Training &amp; Competency</b></p> <p><b>Moderators: CAPT Russell Holmes, USCG and Travis Dupre, Thunder Oilfield Services</b></p> <p><i>Incident Review: TBD (Travis to provide)</i></p> <p><b><u>7A</u> API 2D-2 Update</b></p> <p><i>Will be discussing training changes for crane inspector, operator, and rigger section of API 2D-2.</i></p> <p><b>Speaker: Brandon Bollinger, Gulf Crane and Brandon Verret, Sparrows</b></p> <p><b><u>7B</u> Using Virtual Reality Safety Simulators to Train like a Navy SEAL</b></p> <p><i>Using Virtual Reality Safety Simulators to train for the situation not just the lift</i></p> <p><b>Speaker: Elliot Green, TANTRUM Lab</b></p> <p><b><u>7C</u> Hybrid Training</b></p> <p><i>Hybrid courses integrate face-to-face and online activities so that they reinforce, complement, and elaborate one another, instead of treating the online component as an add-on or duplicate of what is taught in the classroom. To remain current, educators must learn techniques and pedagogical approaches that complement the online hybrid environment and encourage the creation of vibrant communities of learning.</i></p> <p><b>Speaker: Ed Zeringue, Gulf Crane</b></p>
10:20 am – 10:40 am	<p><b>Morning Refreshment Break -- <i>Sponsored by Techcrane International</i></b></p>
10:40 am – 11:15 am	<p><b>SESSION 8: Use of High-Performance Fiber Ropes on Cranes Versus Traditional Wire Rope</b></p> <p><b>Moderators: JR Guidry, Sparrows and John Martines, Shell</b></p> <p><i>Incident Review: Stored Energy Twist (Boom Cable)</i></p> <p><b><u>8A</u> High Performance fiber ropes &amp; slings</b></p> <p><b>Speaker: Mark Pieter Frolich, Lankhorst Ropes (a WireCo WorldGroup Company)</b></p> <p><i>High performance fiber ropes and pendants: Replacing steel crane ropes and slings + an update on certification</i></p>
11:15 am – 12:15 pm	<p><b>SESSION 9: New Technologies in The Design of Sheaves, Hoists, Monorails etc.</b></p> <p><b>Moderators: John Martines, Shell and Bryan Bywalec, Falcon Global</b></p> <p><i>Incident Review: TBD</i></p> <p><b><u>9A</u> Adding efficiency and safety to manual handling</b></p> <p><i>Increase safety with flexible lifting. Difficult lifting operations have suddenly become much easier and safer.</i></p>

**Speaker: Soren Andersen, Sub C Partners Jib Flex**

**9B Inspection, Maintenance, and Replacement of Offshore Planetary Hoists**

*Review of the design and weaknesses of aging hoists used in offshore applications. Overview of inspection and maintenance, timeline for obsolescence, and recommendations for replacement.*

**Speaker: Roger Burgoon, PACCAR**

12:15 pm – 1:15 pm

**Lunch – *Sponsored by ExxonMobil and Gulf Crane Services, Inc.***

1:15 pm – 1:55 pm

**SESSION 10: Predictive-based Monitoring, Inspection & Maintenance of Cranes**

**Moderator: Brandon Verret, Sparrows**

*Incident Review: Sparrows Safety Share on Dropped Object*

**10A Critical Bolting in API 2C**

*This presentation will detail the evolution of API 2C bolting with best manufacturing and testing practices.*

**Speaker: Jason Price, Fastenal**

1:55 pm – 3:20 pm

**SESSION 11: Technology Advances in Crane Safety & How they Can Benefit Me**

**Moderators: Jake Reidenbach, BP and Robert Pufal, Gulf Crane**

*Incident Review: When a crane boom comes into contact with the flare boom.*

**11A Technological Advances in Load Monitoring Systems**

*From the early days of analog pressure load indicating systems to cutting edge technology, lets explore the advance in monitoring loads and how it can benefit your operation.*

**Speaker: Aaron Orsak, Crosby Group**

**11B Continuous Rope Monitoring Systems (CRMS) for High-Value Offshore Ropes: Retirement-for-Cause and Predictive Maintenance**

*High value wire ropes come with a high value price as well, but does it need to be discarded at a routine interval or is it safe to use for longer periods of time. Let's explore new technologies in wire rope inspection technology.*

**Speakers: Herbert Weischedel and Steve Fredette, NDT Technologies**

**11C Absolute Crane Position and Data Acquisition Innovations for Offshore Cranes**

*Let's explore what value automatic load chart selection and collision avoidance can do for your operations and what safety & efficiency benefits data acquisition can do for your operation.*

**Speaker: Justin Evans, Cranesmart Systems**

**11D Ship-to-Ship Motion Measurement System (Relative Motion Radar Technology for Boom Tip Cameras)**

*Description Available Soon*

**Speaker: David Guymon, McDermott**



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# Preliminary Program

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3:20 pm – 3:40 pm

**Afternoon Refreshment Break – Sponsorship Available**

3:40 pm – 4:45 pm

**SESSION 12: Regulator Session**

**Moderators: Jake Reidenbach, BP**

*Incident Review: Pacific Drilling*

**Speaker: CAPT Russell Holmes, USCG Eighth District, OCS OCMI (invited)**

**Speaker: Jason Matthews, Petroleum Engineer, Field Operations, BSEE (invited)**

4:45 pm – 5:00 pm

**Wrap-up of Day Two**

2019 Conference Co-Chair:

Brandon Bollinger, Gulf Crane Services