The following 3 themes will be the primary points of discussion throughout the day:
1. Data Needs – Failure Reporting/Near Misses
   o How are failures and near misses traced?
2. Quality Management and Subcontractor Oversight
   o How is subcontractor oversight managed at all levels/tiers?
3. Lifecycle Management for Safety Critical Equipment
   o How is a product’s traceability maintained throughout its lifecycle?

The morning sessions will be focused on identifying issues and the afternoon sessions will be focusing on discussing solutions.

Check in time: 7:00 a.m. to 10:00 a.m.
3. Linda Daugherty – *Deputy Associate Administrator for Pipeline Safety – Field Operations, PHMSA-DOT*
   a. How Incident Causes are Highlighting Material and Equipment Challenges and the Need for a Robust Quality Management System
4. Dr. Brian Craig – *Professor and Chair of Industrial Engineering Department – Lamar University*
   a. Maritime Near Miss Reporting

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<td>10:30 a.m. – 10:45 a.m.</td>
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| 10:45 a.m. – 12:15 p.m. | International Discussion on Identified Issues – *Panel Discussion*
   o What are the needs of international communities regarding QM/ER issues they have come across?
   o How do international communities use standards to accomplish their regulatory objectives and address QM/ER issues?
   o How are international issues related to U.S. issues? Similarities/Differences?
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| 1. Simon Brown – *Operations Manager, Energy Division, UK Health & Safety Executive*
   a. Quality Management & Equipment Reliability in the Context of the GB Regulatory Framework |
| 2. Ola Heia – *Principal Engineer, Petroleum Safety Authority*
   a. Petroleum Safety Authority of Norway |
| 3. Paul Hopmans – *Shell Global Principal Technical Expert, Netherlands*
   a. Petroleum and Natural Gas Industries – Well Integrity Standard |
| 12:15 p.m. – 1:15 p.m. | Lunch                                                                 |
| 1:15 p.m. – 3:05 p.m. | Industry Discussion on Solutions – *Panel Discussion*
   o What are the upcoming gaps in data needs, quality management, and lifecycle management that the industry sees for the future?
   o What current industry initiatives are addressing these gaps?
   o What are the needs for new and emerging technologies regarding QM/ER?
   ▪ High Pressure/ High Temperature needs?
   ▪ Service vs. manufacturing quality?
   ▪ Maintaining traceability through a product’s lifecycle?
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| 1. Jim Raney – *Director of Engineering, Anadarko Petroleum Engineering & Technology Group*
   a. Equipment Design and Reliability from Design to Decommissioning |
| 2. Jason Strouse – *Integrity Management Engineer, Wood Group Kenny*
   a. Industry discussion on solutions – The third party perspective |
| 3. Mike Briggs – *Director of Quality, Cameron Corporation*
   a. Product Lifecycle Management |
| 4. Jim Hood – *Quality Manager, Freeport-McMoRan Oil & Gas*
   a. Freeport-McMoRan perspectives on the development of processes to address lifecycle management, equipment reliability and subcontractor management issues |
| 5. Peter Ireland – *Quality and Reliability Design Manager, Schlumberger*
   a. Life Cycle Management and Reliability at Schlumberger |
| 6. Rick Faircloth – *Principal Engineer, Cameron Valves and Measurement*
   a. API 20 Series Supply Chain Management Standards |
| 3:05 p.m. – 3:15 p.m. | Break                                                                 |
| 3:15 p.m. – 5:00 p.m. | • Standards Organizations Discussion on Solutions – *Panel Discussion*
  
  o What are the long-term plans to develop standards that address the identified domestic and international concerns regarding data needs, quality management and lifecycle management?
  o How have standards organizations addressed technical gaps in the past and how can current gaps be addressed?
  o What are the data needs for standards organizations?

  Panelists
  1. Bob Badrak – *Vice Chairman of NACE Policy Committee and Vice Chairman of ISO 15156 Maintenance Panel*
     a. ANSI NACE MR0175/ISO 15156: Materials for use in H2S-containing environments in oil and gas production
  2. John Koehr – *Managing Director, Technology & Personnel Certification, ASME*
     a. The American Society for Mechanical Engineers
  3. Joe Greenslade – *Director of Engineering Technology, Industrial Fasteners Institute*
     a. ASTM F16 Fastener Committee Information
  4. Kim Wiita – *Chairman of API Subcommittee on Quality and Vice Chair of API Monogram Program Board*
     a. API Subcommittee 18 – Quality Standards and Activities

• Closing – *Doug Morris, BSEE*
  o Wrap up and path forward