

Tuesday, January 31, 2017

Industry Wide Session Industry Panel

Industry-Wide		*May appeal to more than one industry sector Meeting Room Subject to Change													
TRACK		8:30 AM	10:00 AM	CoMo	10:30 AM	11:15 AM	12:00 PM	CoMo	1:30 PM	2:15 PM	3:00 PM	CoMo	3:30 PM	4:15 PM	
Inspection / NDE Galleon I		<p>Welcome: Charlie Williams, Executive Director, Center for Offshore Safety Keynote Address: Ryan Sitton, Commissioner The Railroad Commission of Texas Equipment Integrity, Reliability, and the Future of Energy Grand Ballroom, Convention Center</p>	Break in Exhibit Hall	Travis Harrington	#243 Chevron NDE Performance Demonstration Qualification Program, Michael Sens, Chevron	#199 Utilizing Drones for Downstream Inspections, Aaron Cooke, AETOS	Lunch in Exhibit Hall	Travis Harrington	#164 Effective use of Remote Digital Visual Inspection and Foreign Object Retrieval Technologies, Ron Kessler, Quest Integrity	#61 Remotely Operated Aerial Vehicle ROAV/UAV Inspections for Oil and Gas Industry Jamie Davidson, Lloyd's Register Americas, Inc.	Break in Exhibit Hall	DT Holder	#268 Creep Wave in Lieu of WFMPI for Propane Bullets Nick Marx, Integrity Risk Management	#298 Towards Automated Guided Wave Monitoring Thomas Vogt, Guided Ultrasonics, Ltd.	
AIM/Engineering Schooner Room	Bobby Harrington			#87 Evolution of Mechanical Integrity Programs Randy Montgomery, ABS Group, Inc.	#146 Screening Practices for the Assessment of Piping Vibrations, Michael F.P. Bifano, The Equity Engineering Group, Inc. and L'vje Breaux, Stress	Bobby Harrington		#130 Tracking and Trending Anomalies to Prevent Reoccurrence Elizabeth Reilly, Exponent	#244 Improving Infrastructure Inspection Using Robotic Systems Matt Bellis, Seikowave	Bobby Harrington		#16 Mechanical Integrity Program for Relocation of an Entire Process Unit Nicholas Obando, ABSG Consulting	#158 Tank Foundation Pads - Your First Line of Defense against Soil Corrosion Louis Koszewski, US Tank Protectors, Inc.		
RBI Galleon II	Brent Ray			#25 RBI - Real-Time Turnaround Management Bogar, Holly Frontier	#29 Maximizing the Value of Turnaround Inspections Using RBI Vickie Camburn, Tesoro and Leon Johnson, ACC	Mark Harmody		#36 The Turnaround Inspection Planner - Roles and Responsibilities to execute a Risk Based Inspection Turnaround Program John Conway, Becht Engineering	#22 Use of LOPA for Risk-Based Maintenance Decision Making Ricardo Gonzalez, Total SA	Mark Harmody		#230 Managing Refinery Operational Risk and Optimizing Inspection Resources through Risk-Based Assessment at Crude Unit Al Sulaim, Saudi Aramco	#214 Risk-Based Technical Integrity Management Approach for CCR Platformer in Crude Oil Refineries Mohammad Saeed, Saudi Aramco		
Industry Panel - 1 and Panel 1A Grand Ballroom A				Panel: Solving Difficult Bolted Joint Problems Moderator: Keith Guenther, Shell Panelists: Ben Hantz, Valero, Warren Brown, Integrity Engineering Solutions, Joel Baulch, Teadit, Vivek Mittal, Hydratight, Jamal Jamalyaria, Flexitallic				Panel: NDE Qualification Moderator: John Nyholt, API QUTE Program Administrator Panelists: Mike Sens, Chevron, Dave Bajula, ACUREN/ASNT President				Panel: Unmanned Aircraft System Moderator: John O'Brien, Chevron Panelists: Dyan Gibbens, Trumbull Unmanned, David Yoel, American Aerospace Technologies, Inc., Al Brunner, FAA, Suzanne Lemieux, API			Panel: Corrosion Challenges Resulting from Processing New and Opportunity Crudes (Oil Sands, Shale Oil, Bakken) Moderator: Mike Urzendowski, Valero Panelists: Mike Sober, Phillips 66, George Duggan, Baker Hughes, Jim Johnson, Marathon Petroleum, Sam Lordo, NALCO, Art Jensen, PBF Energy

Downstream														
TRACK		8:30 AM	10:00 AM	CoMo	10:30 AM	11:15 AM	12:00 PM	CoMo	1:30 PM	2:15 PM	3:00 PM	CoMo	3:30 PM	4:15 PM
Inspection / NDE Yacht Room		Keynote Address	Break in Exhibit Hall	Clay White	#30 Tank Floor Inspection with Robotic Systems, Mauricio Calva, Chevron	#79 Codes, Standards, and Exams - The API Process, DT Holder, TUV Rheinland	Lunch in Exhibit Hall	Chad Patschke	#33 Measuring Silicon in Carbon Steel at Ambient Temperature Using X-ray Fluorescence to Address Sulfidation Corrosion Chapman, Chevron	#204 Cooling Tower Inspection and Repairs Jon Verron, Lyondell Chemical Company	Break in Exhibit Hall	Chad Patschke	#53 Near Field Eddy Current vs Remote Field Eddy Current: A Look at the Interaction Zones Williams, Magnetic Inspection, Inc.	#194 Near Field Array (FA) Technology Discussion and Field Trials Tim Rush, MISTRAS Group
Corrosion / Metallurgy Harbor Room	Marc McConnell			#187 The History and Purpose of API 934's Growing Suite of Documents on CR-MO Equipment, Barry Millet, Fluor Enterprises, Inc.	#279 An Approach for a Detailed Naphthenic Acid Corrosion Review Jeremy Staats, Becht Engineering	Mike Urzendowski		#116 Improve Asset Reliability While Processing of Naphthenic Acid Crudes using Chemical Additives and Monitoring Sam Lordo, NALCO Champion	#296 Corrosion Challenges when Processing Shale/Tight Oils Randy Rechten, Baker Hughes	Josh Yoakam		#309 Sulfur Unit Equipment Problems and Low Silicon Carbon Steel Corrosion, G. Wilks	#96 Sulfide Stress Corrosion Cracking in Lean Amine Service - How Likely is it? Huang Lin, Lloyd's Register	
AIM / Engineering Galleon III	Greg Alvarado			#280 Fixed Equipment MI Learnings from the API Process Safety Site Assessments John Reynolds, Intertek and Chad Patschke, Ethos MI	#15 The High Value of Doing a Deep Dive Assessment of your AIM and Corrosion Management Program, James McVay, Tesoro Refining and Marketing Company	Amamda Cherry		#85 Weld Overlay Pipe Inspection Jeremy Nelson, Flint Hills Resources	#307 Achieving the Highest Quality CCD/IOW's: Need Both Senior Materials Corrosion Experts and Process Technology Experts and Experienced Operators, Gerrit Buchheim, Becht Engineering	Amanda Cherry		#183 Are you Ready to Perform an ASME PCC-1 Leakage Incident Investigation? Keith Lapeyrouse, Process Reliability Solutions, LLC	#249 Risk-Based Selection of Bolted Joint Assembly Categories, Warren Brown, Integrity Engineering Solutions	

Midstream														
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AIM / Engineering/Inspection Crystal Ballroom A - Hilton Hotel		Keynote Address		Peter Mudge	#239 The Implications of API RP 1176 as it relates to Future In-line Crack Inspections, Henry Green, NDT Global	#267 Development of an In-Ditch Non-Destructive Material Characterization Technique, Sanjay Tiku, BMT Fleet Technology, Ltd.		David Yoel	#229 Next-Gen Aerial Patrol: Advanced Remote Sensing and Geospatial Big Data Automation for Pipeline Integrity, San Gunawardana, Enview	#240 Study of Gas Pipeline Leak Detection from Aerial Platforms, Niloy Choudhury, GE		Richard McNealy	#23 Improvements to ECDA Methodology, Marcus McDonnell, PureHM	#207 An Engineered Approach for Inspection of Pipelines to Assess Mechanical Integrity due to Internal Corrosion, Carlos Palacios, CIMA-TQ, LLC
AIM / Engineering/Inspection Crystal Ballroom C - Hilton Hotel				Keynote Address	Mark Piazza	#269 ERW Weld Seam Fatigue Life Estimation Improvement, Aaron Dinovitzer, BMT Fleet Technology, Ltd.		#255 Accurate and Reliable Measurement of Corrosion Features in Pipelines for Optimized Integrity Management Decisions, Roland Palmer-Jones, ROSEN Group	John O'Brien	#39 Developments in Remote Magnetic Monitoring of Carbon Steel Pipelines to Locate and Measure Abnormal Stress, Paul Jarram, Speir Hunter, Limited		#266 From Mechanical Damage Testing to Assessment Techniques Sanjay Tiku, BMT Fleet Technology Limited	Angel Frias	#196 Utilizing the Latest in Inspection and Testing Methodologies for a Comprehensive MI Program, Russ Davis, MISTRAS Group

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AIM / Engineering Clipper Room		Keynote Address	Break	David Bryan	#265 Integrity Management Process of Upstream Oil and Gas Facilities (Pressure Equipment, Storage and Pipelines) Roy Schubert, Shell Canada Services, Ltd.	#81 Asset Integrity Management in Upstream oil and Gas with Fixed Equipment Insights Robert House, Chevron	Lunch	Raj Bose	#84 Integrity Management of Upstream Gathering and Collection Systems Justin Monroe, Chevron	#221 Failure Analysis of Software Line Corrosion Justin Monroe, Chevron	Break	Raj Bose	#151 Flare Gas Piping Vibration Gyorgy Szasz, Stress Engineering Services	#285 Acoustic Emissions Testing of High Pressure Piping (Irons) Used in the Fracking Industry, Stan Botten, Amerapec NDT LLC

rs: Larry Siqueiros, Gary Snow

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Inspection / NDE Galleon I	Don Brou	#103 What is the Cost of Quality? Travis Harrington, Chevron	#186 A Simple Method for Prioritizing Quality Assurance Brad Gearhart, Chevron	Break in Exhibit Hall	Don Brou	#197 Corrosion Patch Growth Monitoring Using Low Frequency Guided Waves Mike Wechsler, MISTRAS Group	#41 Cellular-based Ultrasonic Corrosion Measurement, James Barshinger, Sensor Networks, Inc. and Mike Nugent, Equity Engineering	Lunch in Exhibit Hall	Don Brou	#32 Non-intrusive Ultrasonic Corrosion-rate Measurement in Lieu of Manual and Intrusive Methods Bruce Pellegrino, Sensor Networks, Inc. and Mike Nugent, Equity Engineering	#77 Pipeline and Piping Integrity Monitoring Using Multi-Method Monitoring Technologies Alessandro Demma, A3 Monitoring	Break in Exhibit Hall	Don Brou	#212 Auditing Manufacturers - The Key Role of Technical Audits in Quality Assurance of Critical Equipment Ysolda Rujano, PREGO Energy Quality Consulting, LLC	Moderator: John Nyholt, John Nyholt Consulting, LLC Panelists: Brian Fitzgerald, Stress Engineering Services, Mike Sens, Chevron, Mike Nichols, Marathon Petroleum, Ray Konet, Valero
CUI Ballroom A	Joe Krynicki	#70 Corrosion Under Insulation (CUI) Inspection Challenges in Upstream, Rajesh Bose, BP America Production Company	#163 Enhancements in Pulsed Eddy Current Examination, Marc Grenier, Eddyfi		Joe Krynicki	#89 CUI in a Refinery, Art MacKinnon, PPG Industries	#193 Reinventing Pulse Eddy Current (PEC): New and Innovative Tools for Detecting Corrosion Under Insulation, Ricky Seaver, MISTRAS Group		#304 Multifrequency Eddy Current Tool for Corrosion Under Insulation Detection Paul Lott, Exxam Systems LLC	N/A					
AIM/Engineering/ Inspection Crystal Ballroom - Hilton Hotel might move this to Spinnaker	Terry Blue	#52 Microbiologically Induced Corrosion - Detection, Preventing and Treating, Krista Heidersbach, Stress Engineering Services	#250 Development of Inspector Training and Qualification for Pressure Boundary Bolted Joints Warren Brown, Integrity Engineering Solutions		Terry Blue	#254 Assess and Prioritize: The Key to Managing Aging Concrete Infrastructure Kurt Tyler, Wiss, Janney, Elstner Associates, Inc.	#71 Online Storage Tank Robotic Inspection Services, Jonny Minder, Diakont		#178 Updating and Creation of API Standards. What is required and who is involved! Marc McConnell, VERSA Integrity Group, Inc.	#24 Compliance for Plant Equipment with Minimal Documentation Morteza Jafari, ABS Consulting, Inc.	Grady Hatton		#27 Correlating NDE Results with Metallographic Examinations Ana Benz, IRISNDT	#226 Dissimilar Weld Basics, Pinakin Mistry, Chevron	
RBI Schooner Room	Tony Poulasichidis	#20 Selection and Integration of RBI (Risk Based Inspection) Tool in Hydrocarbon Facilities Dheeraj Narang, Becht Engineering	#78 Growing Up and Getting Better: The Evolution of an RBI Program Edward Havacs, The Equity Engineering Group, Inc.		Tony Poulasichidis	#253 API RP 581 Risk Based Inspection Methodology Document Revisions Lynne Kaley, Trinity Bridge, LLC	#66 A Comparison of the Thinning Damage Factor Between API RP 581 2nd and 3rd Editions Amit Singh, Meridium Services and Labs		Panel: What is the Future of RBI? Moderator: Brent Ray, Marathon Petroleum Corporation Panelists: Lynne Kaley, Trinity Bridge, LLC, Tony Poulasichidis, Anadarko, Mark Geisenhoff, Flint Hills Resources, Vinay Nihilani, ConocoPhillips, Keith Lapeyrouse, Consultant, Daniel Peters, Structural Integrity Associates, Inc.	John Britton	#149 3rd Edition of API RP 581 and RBI Application in a Process Plant in Europe Panos Topalis, DNV GL		#190 Risk Management: Beyond a 5x5 Matrix William Martin, The Dow Chemical Company		
Industry Panel - 1 Panel 1A and Panel 1B Ballroom C						Panel: Inspection of Buried Piping Moderator: Rafael Rengifo, Phillips 66 Panelists: Richard McNealy, Chevron Energy & Technology Company, Mark Piazza, Colonial Pipeline Company, Mark Stone, Sonomatic			John Britton	Panel: Integrity Operating Windows (IOWs) Moderator: Clay White, Phillips 66 Panelists: Mike Urzendowski, Valero, John Reynolds, Intertek, Steve Bolinger, BP, Chuck Koske, Chevron				Panel: High Temperature Hydrogen Attack (HTHA) Moderator: Don Chronister, Valero Panelists: Jim McVey, Tesoro Refining and Marketing Company, Jorge Hau, Shell, Thomas Guillot, CF Industries, Dana Williams, Marathon Petroleum Corporation, Art Jensen, PBF Energy	

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Inspection / NDE Galleon II	David Thigpen	#273 A Work Process for Refining Piping CML Placement and Testing James McVay, Tesoro Refining & Marketing Corporation	#140 Detriment of Peaking on Longitudinal Welds in CCR Heater Transfer Lines and Methods for Inspection Michael Cayard and Mark Geisenhoff, Flint Hill Resources, LLC	Break in Exhibit Hall	David Thigpen	#142 Guided Wave Inspection Strategies within Tank Farms Paul Jackson, Plant Integrity, Ltd.	#157 Smart Pigging Heater Convection Tubes for Localized Corrosion - Lessons Learned Tim Haugen, Quest Integrity	Lunch in Exhibit Hall	Mike Nichols	#306 Phased Array Ultrasonic Techniques for Detection, Characterization and Sizing of High Temperature Hydrogen Attack. Mark Lozev, BP Products North America, Inc.	#43 State-of-the Art Prediction and NDE Techniques for High Temperature Hydrogen Attack in Piping and Equipment Mike Nugent, The Equity Engineering Group	Break in Exhibit Hall	Mike Nichols	#171 Rope Access vs Traditional Scaffolding for Inspection and NDE Alexa Smith, Canadian Engineering & Inspection, Ltd.	#198 Advanced Inspection Taken to New Heights Carolyn Swan, Ropeworks
Corrosion / Metallurgy Galleon III	Jeremy Staats	#203 Localized Metal Dusting in Catalytic Reforming Heater Tubes (2 Case Studies), Mike Urzendowski, Valero Energy	#301 Naphtha Hydrotreater Effluent Piping Failure Eddy Sanchez, Marathon Petroleum Company		Jeremy Staats	#46 Duplex Weld Failure in Hydrocracker REAC Arthur Jensen, PBF Energy	#202 Duplex Stainless Steel REACs in Refinery Hydroprocessing Units, David Moore, Becht Engineering		Jon Dobis	#128 Unexpected Cracking of Vacuum Furnace Tube (4"- A 335 P9) During the Last Unit Shutdown Murat Demircan, Tupras Izmit Refinery	#134 Crude Oil Furnace Tube Failure, Inspection Activities and Good Repair Practice Mustafa Gulap, Tupras Izmit Refinery		Jon Dobis	#95 Incorporating Process Data Analysis For Pre-Emptive Management Of Asset IOWs Gus Georgetown, Stress Engineering Services	#115 Overhead Wash Water - Overview of Critical Parameters Sam Lordo, NALCO Champion
AIM / Engineering Yacht Room	James Cesarini	#143 KPIs and Dashboards...A Risk Improvement Mechanism or Are We Fooling Ourselves? Harry Moss, BP	#93 IOWs - Lessons Learned and FAQ, Vishal Lagad, Lloyd's Register Energy Americas, Inc.		James Cesarini	#131 Smart Limits: Establishing Integrity Operating Windows for Complex Processing Equipment Fred Addington, PinnacleART	#168 Challenges and Successes with Integrity Operating Windows (IOWs) Monica Plowman, HollyFrontier		Michael Odigle	#8 Local Metal Loss Mapping for Fitness in ASME or as Equipment Stephen Baillie, Noble Engineering	#192 Inspection Data Management Systems (IDMS) Linked to Computerized Maintenance Management Systems - Things to Consider, John Harville, Phillips 66		Michael Odigle	#210 Advancements in Thickness Data Analysis Using Degradation Modeling Mike Sparago, CorrSolutions, LLC	#138 Case Study: Statistical Analysis of Common Pressure Relief Device Field Deficiencies Justin Weiman, Canadian Engineering & Inspection, Ltd.

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AIM / Engineering / Inspection Clipper Room	Leslie Fanguie	#208 Findings from Initial Assessments of In-Line Inspection Systems Applications for Challenging to Inspect Facility Pipelines, Mark Piazza, Colonial Pipeline	#209 Alternative Integrity Assessment of Difficult to Inspect Pipelines, Richard McNealy, Chevron	Break in Exhibit Hall	Aaron Dinovitzer	#289 Improvements in Image Quality and Productivity of Digital Radiography on Pipeline Girth Welds, Kumar Nidathavolu, SharpNDE, LLC	#206 Total Focusing Method for Automated Girth Weld Inspection, Dominique Braconnier, The Phased Array Group	Lunch in Exhibit Hall	Mark Piazza	#154 Better Data: Methodologies and Best Practices for Achieving Higher Quality Inspection Results, Ron Maurier, Quest Integrity	#303 Linking Pipeline Inspection with Risk Assessment, W. Kent Muhlbauer, WKM Consulting Group, LLC	Break in Exhibit Hall	Steven Trevino	#242 MFL Results Like a Laser Scan, Michael Rapp, ROSEN Group	#233 Integrity Assessment of Pipelines Affected by Channeling Corrosion Using In-Line Inspection Results, Bernardo Cuervo, NDT Global

Upstream															
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Inspection / NDE Harbor Room	Gary Snow	#297 Life Extension Assessment of Offshore Facilities Mateer, Shell Projects & Technology	#282 A Strategic Long-Term Approach to AIM for Offshore Assets Brian Gibbs, Deepwater Corrosion Services, Inc.	Break in Exhibit Hall	Gary Snow	#277 Subsea Cathodic Protection Survey: Proximity Measurements Matthew Taylor, Deepwater Corrosion Services, Inc.	#188 Subsea Risk Based Inspection - State of the Art Review Allen, DNV GL	Lunch in Exhibit Hall	John Iman	#40 Robotic Inspection of Offshore Platforms John Nyholt, John Nyholt Consulting, LLC	#305 RBA and Nil of Pressure Vessels with Internal Electrostatic Grids or Similar Systems George Williamson, BP	Break in Exhibit Hall	John Iman	#281 Utilizing Measured Data for Upstream Asset Integrity Management Scot McNeill, Stress Engineering Services	#284 Effective Mechanical Integrity Data & Document Management John Bailey, Innovative Inspection Solutions, LLC

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Inspection / NDE - 1 Galleon I	Terry McLane	#156 CML Optimization - Effective and Efficient Coverage & Placement Mauricio Olivares, PinnacleART	#75 Avoiding Auto-Ignition of UT Couplants when Inspecting at High Surface Temperatures Gene Larson, Echo Ultrasonics	Andrew Moray	Terry McLane	#111 Advances in High-Resolution Corrosion Monitoring with PAUT, Andre Lamarre, Olympus Scientific Solutions Americas	#114 Corrosion and Erosion Monitoring of Piping and Pipelines Using Free Form Ultrasonic Sensor Matrix System, Harald Sleire, Sensorlink AS	Brownbag Lunch, Convention Center Foyer	Mike Sens	#195 Advanced Ultrasonic Alternatives for Inspecting Coarse Grained Stainless Steel Components Mike Wechsler, MISTRAS Group	#112 Improved Inspection of CRA-Clad Pipe Welds with Accessible Advanced Ultrasonic Phased Array Technology Andre Lamarre, Olympic Scientific Solutions of Americas	Break, Convention Center Foyer	Mike Sens	#45 Unreliable UT Examination of Nozzle Welds, Dave Holthhaus, CHS Refinery	#271 Remote Field Examination of Tubulars Using Eddy Current Array Sensors Brian Beresford, VIR-Inspection, LLC		
Inspection / NDE - 2 Galleon II	Chris Perez	#185 Corrosion Assessment and Integrity Management - Using Risk Based Assessment Techniques Carlos Palacios, CIMA-TQ, LLC	#288 New Guided Wave Focusing Method for Inspecting Pipeline, Pressure Vessel, and Storage Tank Sang Kim, Guided Wave Analysis, LLC		Chris Perez	#291 The Quantitative Measurement of Wall Loss David Alleyne, Guided Wave Ultrasonics, Ltd.	#251 Guidelines for Acceptance of Corroded Bolts and Nuts on Pressure Boundary Bolted Joints Warren Brown, Integrity Engineering Solutions		DT Holder	#191 Cryogenic Storage Tank Inspection (Ammonia, Ethylene, LNG) Pinakin Mistry, Chevron Energy Technology Company	#159 Understanding Precision in Remote Videoscope Inspection, Charles Janecka, Olympus		DT Holder	#181 There's an Inspection App for That! Nathan Arant, Envoc			
Inspection/NDE - 3 Schooner Room	Nolan Miller	#57 CUI Management for Asset Integrity, Brian Fitzgerald, Stress Engineering Services	#62 A New Approach to EMAT Guided Wave, Zeki Gokce, Team Industrial Services		Nolan Miller	#136 Inspection of Storage Tanks with the Advanced MEC Technique, Andreas Boenisch, Innopection, Ltd.	#38 Inspection & Mitigation of CUI Risk at an LNG Facility, Donald Ramdass, Atlantic LNG Company of Trinidad and Tobago		Terry Blue	#86 NDT in the Oil and Gas Industry - the HOIS Joint Industry Project Perspective, Steve Burch, ESR Technology	#82 Understanding Insulation Chemistry Proven to Inhibit Corrosion Under Insulation (CUI), David Shong, Johns Manville Industrial Solutions		Terry Blue				
RBI Clipper Room	Andrew Moray	#98 Recognizing the Value of Good Quality Inspection Data in an RBI Process Richard Elsdon, MACAW Engineering	#211 Integrating Risk-Based Inspection Recommendations with Inspection Programs Lynne Kaley, Trinity Bridge, LLC		Andrew Moray	#215 Managing Risk Through Corrosion Loop Inspection Gerald Hunt, SASOL, Ltd.	#68 Vibration Induced Fatigue - A Risk Based Approach Michael Cyca, Wood Group		Rob Sladek	#182 PRDs...When to Inspect? A Simplified and Smarter Approach to API 581 James Mekker, The Equity Engineering Group	#184 Improve your Relief Valve Data for RBI with Mobility Software Keith Lapeyrouse, Process Reliability Solutions and Marc McConnell, VERSA Integrity		Ron Sladek	#97 Pressure Relief Valve Reliability: Using Past Data to Estimate Failure Rates for PRDs Phillip Henry and Phillip Smith, The Equity Engineering Group	#74 Risk Based Inspection on Above Ground Storage Tanks, John Britton, DNV GL		
Industry Panel - 1 Ballroom A		Panel: API Subcommittee on Inspection Documents Moderator: Clay White, Phillips 66 Panelists: John Reynolds, Intertek, Brent Ray, Marathon Petroleum, Ray Knoet, Valero, Roy Schubert, Shell, Josh Yoakam, Holly Frontier				Panel: API Subcommittee on Corrosion and Materials Documents Panelists: Vance McCray, ExxonMobil, Don Chronister, Valero, Greg Balonis, ExxonMobil, Gerrit Buchhelm, Becht Engineering, Jeremy Staats, Becht Engineering, Marc McConnell, Versa Integrity											
Industry Panel - 2 Ballroom C					Panel: RP 1176 Moderator: Pablo Cazenave, Blade Energy Partners Panelists: Henry Green, NDT Global, Thomas Beuker, ROSEN Group, Mike Stackhouse, Phillips 66, David Katz, Williams												
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Inspection / NDE Galleon III	Joe Don Sanders	#222 Automated Ultrasonic Thickness Data Analysis Larry Gochbauer, MISTRAS Group	#166 Acoustic Emission Testing Applications of Surveillance Glenn Aucoin, Stress Engineering Services, Inc.	Break	Joe Don Sanders	#10 An ASME Section IX Welding Discussion - "Process, Procedure and Performance James Harris, Marathon Petroleum Corporation	#302 Identification and Inspection of Critical Thermowells Ryan Corn, Marathon Petroleum Company	Lunch	Mark Geisenhoff	#55 Pipe Supports, The Forgotten Component of Mechanical Integrity Andy Kates, Versa Integrity Group	#132 Optimizing Phased Array Parameters for Pipeline Weld Inspection through Procedures Vikram Thyagarajan, MISTRAS Group	Break	Mark Geisenhoff	#83 PRV Inlet Line Failure Due to Deadleg Corrosion, Steve Bolinger, BP	#167 Mobile Reporting for the Power and Process Industry Rana Ghosh, Intertek		
Corrosion / Metallurgy Yacht Room	Dana Baham	#308 Extending the Life of a High Temperature FCC Reactor, Jerry Wilks	#47 Case History of Unexpected Sulfidation Corrosion in Hydroprocessing Unit Distillation Section (API-939-C) Arthur Jensen, PBF Energy		Dana Baham	#117 Practical Experience for Creating Corrosion Control Documents for an Onshore Facility Terry Blue, Chevron	#67 Damage Mechanism Reviews, An Inspection Optimization Tool Nolan Miller, SASOL North American Operations		Steve Bolinger	#54 Unique Aspects of Hydrofluoric Acid Corrosion Nolan Miller, SASOL North American Operations	#59 Corrosion Identification XRD Jose Brum, Olympus		Marc McConnell	#264 Welding Technology for Inspectors Christopher Perez, Shell Exploration & Production	Charles Patrick, Maverick Testing Laboratories, Inc.	#37 Field Metallographic Replication (FMR) to Analyze Microstructure In-Situ of P91 Weldments and Associated Piping	
AIM / Engineering Harbor Room	Julian Bedoya	#127 Local Post Weld Heat Treatment: Fundamentals, Case Studies, and General Recommendations Phillip Prueter, The Equity Engineering Group	#118 A Combined Approach to Corrosion and Vibration Risk Management Steve Matthews, Petrofac		Julian Bedoya	#35 Cyclic Service Analysis - Crack Growth vs Crack Initiation (Fracture Mechanics vs Fatigue) Trevor Seipp, Becht Engineering	#14 New Tools for Addressing Coke Drum Failures Mahmod Samman, Houston Engineering Solutions		Ben Brambila	#56 Designing Engineered Composite Repair (ECR) Systems Using the ASME PCC-2 Standard Matthew Green, NRI	Ben Brambila		#153 Advanced Buckling Analysis of a Reactor Tank Supported by Four Legs Michael Turnquist, Quest Integrity	#213 Quantifying the Risk of Refinery Upgrade/Expansion Project on Production via Reliability Methodology Houssein Kheireddine, DNV GL			
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AIM / Engineering/ Inspection Spinnaker Room	Richard McNealy	#216 A Framework to Develop Effective Crack Management Strategies, Thomas Beuker, ROSEN Group	#239 The Implications of API RP 1176 as it Relates to Future Inline Crack Inspections, Henry Greene, NDT Global		Matt Crist	#120 Implications of the Proposed Rule Changes for Corrosion Control: What it Means to your Program, Yash Bhargava and Alex Hudgins, Exponent	#106 The Gas Mega Rule and Your Gas Gathering System, Christian Calvi and #107 Non-Destructive Examination to Meet Material Verification Requirements, Hamood Rehman, G2 Integrated Solutions		Mark Piazza	#246 A New Way of Meeting the Timing Requirements of the HCA IMP with In-Line Inspection, Luis Espinosa, ROSEN Group	#258 Development of an Industry Test Facility and Qualification Process for ILI Technology Evaluation and Enhancement, Pablo Cazenave, Blade Energy Partners	Break	Mark Piazza	#223 Enhancing Inspection with Active Overhead Remote Sensing of Fugitive Emissions to Identify Leaks, Phillip Lyman, Ball Aerospace	#90 Remote Integrity Monitoring Alternative Solutions for Pipeline Operators, Terrie Spicer, NVI Nondestructive & Visual Inspection, LLC		
Upstream																	
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Inspection / NDE Yacht Room	Don Hurst	#299 Recent Advances in the area of Subsea Inspection Raj Venkatachalam, Oceaneering, Inc.	#292 Subsea UT Inspection Case Studies Mark Stone, Sonomatic Limited		Don Hurst	#125 Non Intrusive Inspection (NII) for Oil and Gas Pressure Equipment Robert Harrington, Chevron	#60 Innovative Inspection Solutions for the Integrity Assessment Support of Challenging Splash Zone and Subsea Assets Andreas Boenisch, Innopection, Ltd	Lunch	Steve Roland	#283 Subsea CT Scanning for Subsea Flowline and Pipeline Integrity Assurance and Life Extension Bramlett, Eric Caldwell, Lindsey Goodman, Tracero & Gate, Inc.	#110 Phased Array Inspection of Top Drive Shafts for Drilling Operations Onshore and Offshore, Stephan Ballard, Alatas Americas, Inc.	Break	Steve Roland	#124 QA/QC of Completion Service/Rental Equipment Jiang, Chevron	#109 Phased Array Ultrasonic Testing of Large Bolts or Studs Common in Oil and Gas Industry Stephan Ballard, Alatas Americas, Inc.		