

Tuesday, January 29, 2019													
Multi-Sector													
TRACK	8:00 AM - 9:40 AM	9:40 AM - 10:15 AM	10:15 AM - 10:45 AM	10:50 AM - 11:20 AM	11:25 AM - 11:55 AM	11:55 AM - 1:00 PM	1:00 PM - 1:30 PM	1:35 PM - 2:05 PM	2:10 PM - 2:40 PM	2:40 PM - 3:15 PM	3:15 PM - 3:45 PM	3:50 PM - 4:20 PM	4:25 PM - 4:55 PM
Inspection / NDE - 1 Ballroom A	OPENING SESSION / KEYNOTE SPEAKER: Mountains We Have Climbed – Mountains We Still Need to Climb - John Reynolds, Principal Consultant, Intertek	Break in Exhibit Hall	Chevron NDE Performance Demonstration Qualification Testing - Michael Sens, Chevron (0377)	The Potential Role of Permanently Installed NDT Sensors - John Nyholt, John Nyholt Consulting, LLC (0002)	Ultrasonic Applications Engineering Using Phased Array - Bruce Pellegrino, Sensor Networks, Inc. (0015)	Lunch in Exhibit Hall	Application of X-ray Backscatter Devices for Moisture Detection in Insulation - George Williamson, BP (0028)	Pulsed Eddy Current - Inspection Basics and Uses - Ethan Williams, Magnetec Inspection, Inc. (0134)	Introduction to Advanced Nondestructive Testing - Avinash Rippl, Lloyd's Register Central and South America, Ltd. (0194)	Break in Exhibit Hall	Onstream Corrosion Monitoring for Industrial Process Piping - Sam Ternowchek, Mistras Group, Inc. (0229)	Automated Radiography of In-service Piping - John Musgrave, Mistras Group, Inc. (0232)	Non-intrusive Inspection (NII) of Pressure Vessels - Jonathan Burns, Mistras Group, Inc. (0233)
Inspection / NDE - 2 Ballroom C			Review of Applications Using Updated FMC/TFM Methods - Dominique Braconnier, The Phased Array Company (0325)	UAV Sourced Integrity Information Becomes Part of the O&G Digital Revolution - Patrick Saracco, Cyberhawk Innovations (0136)	Robotic Inspection for Industrial Assets - Brandon Tigges, Gecko Robotics, Inc. (0326)		Preview of API RP 588 Source Inspection - Peter Hunt, Peter Hunt Consulting (0287)	Panel Discussion: Quality - Source Inspection			Inspection Coordination Standardization for Improvement of Source Inspection Performance - Ysolida Rujano, PREGO Energy Quality Consulting (0212)	Value vs Cost MI Quality Assurance/Quality Control Process - Holley Baker, Mistras Group, Inc. (0231)	Construction Quality Management and Functional Checkout - Luke Miller, Marathon Petroleum Company (0182)
AIM/Engineering Schooner Room			Proposed Updates to ASME B31.3 Post Weld Heat Treat and Minimum Temperature Requirements - Phillip Prueter, The Equity Engineering Group, Inc. (0263)	ASME Post Construction Standards - Past Present and Future - Clay Rodery, C&S Technology, LLC (0309)	ASME Sec IX Reviewing Welding Documents 101 - Grady Hatton, Pro-Surve Technical Service, LLC (0070)		The Inspection of Thermal Insulation and CUI - Ron King, National Insulation Association (0020)	Corrosion Under Insulation - A Proactive vs. Reactive Approach - Kara Boyer, PinnacleART (0243)	Advances in Real Time Imaging for CUI Inspection - Eric Neff, QSA Global, Inc. (0314)		Water Repellancy of Industrial Insulation - Jack Blundell, Rockwool Technical Insulations (0218)	Predicting Dissimilar Weld Metal Weld Failures Using Machine Learning Techniques - Martin Gascon, Intertek (0127)	Existing Concrete Ringwall Foundation Assessments - Kurt Tyler, Wiss Jenney Elstner Associates (0159) ****
Downstream													
TRACK	8:00 AM - 9:40 AM	9:40 AM - 10:15 AM	10:15 AM - 10:45 AM	10:50 AM - 11:20 AM	11:25 AM - 11:55 AM	11:55 AM - 1:00 PM	1:00 PM - 1:30 PM	1:35 PM - 2:05 PM	2:10 PM - 2:40 PM	2:40 PM - 3:15 PM	3:15 PM - 3:45 PM	3:50 PM - 4:20 PM	4:25 PM - 4:55 PM
Inspection / NDE - Galleon I Room	OPENING SESSION / KEYNOTE SPEAKER: Mountains We Have Climbed – Mountains We Still Need to Climb - John Reynolds, Principal Consultant, Intertek	Break in Exhibit Hall	Tubular Management Decision Tree - Zachary Burnett, Pro-Surve Technical Services, LLC (0113)	Inspector/Technician Experience and the Need for Detailed Inspection Plans - Dana Baham, Becht Engineering Company, Inc. (0306)	Solving the Mysteries of Critical Check Valves - Chad Patschke, Ethos Mechanical Integrity Solutions (0042)	Lunch in Exhibit Hall	Corrosion Under Insulation of Chemical Plant Pressure Vessels - Andres Salazar, Worleyparsons (0061)	Opportunities to Better Capture the Value of Today's Advanced NDT Technologies - John Burke, INVISTA (0318)	Guided Wave Ultrasonics GWUT for Touch Point Corrosion - David Alleyne, Guided-Ultrasonics (0432)	Break in Exhibit Hall	Operating Small Pipe - Josh Yoakam, HollyFrontier Companies (0075)	Potential MI Concerns with Clad and Weld Overlay Piping due to Fabrication Issues - Mark Gelsenhoff, Flint Hills Resources (0425)	In-Service Flange Raised Face Inspection Utilizing TFM Phased Array - Mark Schramm, Pro-Surve Technical Services (0114)
Corrosion / Metallurgy - Ballroom B			Case Studies: Soda Ash Related Wash Piping Failures in Hydrotreaters - James McVay, Andeavor (0163)	Case Study: Sigma-Phase Embrittlement of a Fired Heater's Convection Coils - Benjamin Bryant, Celanese Corporation (0017)	Establishing Integrity Operating Windows (IOWs) for Refinery Fired Heaters - Tim Hill, Quest Integrity (0344)		Failure of Methanol Reformer Outlet Pigtail - Muhammad Bilal, Saudi International Petrochemical Company (0289)	Lessons Learned from New Stainless Steel Fabrication - Krista Heidersbach, Stress Engineering Services, Inc. (0429)	Caustic SCC of Gr. T22 (2-1/4Cr) Superheater Tube Welds - Sri Chimboli, Stress Engineering Services, Inc. (0328)		Experience with 800HT Coker Furnace Tubes - Nathaniel Griffen, Phillips 66 (0288)	API RP 932-B Hydroprocessing Unit REAC Systems, 3rd Edition Update - Jim Edmondson, Becht Engineering Company, Inc. (0078)	Managing Ammonium Bisulfide Corrosion and IOW Implementation - Michael Cayard, Flint Hills Resources, LLC (0068)
AIM / Engineering Clipper Room			FFS Case Study: Evaluation of Crack-like Flaws at Ring Joint Grooves - Melanie Sarzynski, Wiss Janney Elstner Associates, Inc. (0162)	Using 3-D Laser Scanning for FFS Finite Element Models - Michael Cifuentes, TXF Ingenieria (0193)	FFS: Discussion of the Cracking Assessment Input Parameters and Related Estimation Methods - Daniel Ayewah, Stress Engineering Services, Inc. (0340)		Fitness-for-Service: The Fire Damage Assessment Process and Lessons Learned - Gorygy Szasz, Stress Engineering Services, Inc. (0302)	Remaining Life Assessment of Heater Tubes Using MPC Omega Method - Sudharsanan Soundararajan, Abudhabi National Oil Company-Refining (0264)	Case Study: FFS Program P91 Operating in the Creep Range - Lange Kimball, Stress Engineering Services, Inc. (0208)		Vibration Integrity Management – New Tools to Avoid Fatigue Failure - Michael Cyca, Wood (0337)	Process Piping Vibration Assessment and Mitigation - Scot McNeill, Stress Engineering Services, Inc. (0203)	Making Sense of Piping Vibration Measurements - Rob Swindell, Wood (0338)
RBI / HTHA (AIM / Engineering Subtrack) Yacht Room			HTHA Advanced Vulnerability Assessments, Inspections, and FFS Approach - Arthur Jensen, PBF Energy (0363)	Advanced Complementary HTHA Inspection and New API 941 NDE Guidance - Joseph Krynicki, ExxonMobil Research and Engineering Company (0031)	Incipient Hydrogen Damage in a 1Cr Reformer Reactor - Clay White, (0400)		HTHA PANEL including 0228 ("On-Stream Acoustic Emission Monitoring for Instantaneous Detection of HTHA Cracking") 0022 ("Recent NDE Developments and FFS status from E2G HTHA JIP")				How Risk-Based Inspection Challenged My Life - Brent Ray, Marathon Petroleum Company (0003)	How People, Processes and Technology provide RBI Program Success - Monica Hernandez, Lloyd's Register Energy Canada, Ltd. (0144)	Interaction of RBI, IOWs and CCDs in Mechanical Integrity Programs - Juergen Deininger, TUEV SUEID Industry Services, GmbH (0171)
Midstream													
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Inspection / NDE/Eng. & Analysis Galleon II Room	OPENING SESSION / KEYNOTE SPEAKER: Mountains We Have Climbed – Mountains We Still Need to Climb - John Reynolds, Principal Consultant, Intertek	Break in Exhibit Hall	Mobile Reporting and Tracking for Improved Pipeline Integrity Management, Rana Ghosh, Intertek (0080)	The Digital Integrity Dig". What? Why? And How? - Paul Muir, Mobideo (0155)	Success Through Data Implementation Challenges - Larry Green, Williams Company (0332)	Lunch in Exhibit Hall	A Practicum on Pressure Testing - Compilation of Best Practices - Sheri Baucom, RCP, Inc. (0158)	Real-Time Distributed Monitoring & Measurement for Pipeline Asset Integrity - Dean Rheasme, Baker Hughes, a GE Company (0331)	Full-Scale Testing to Develop a Pipeline Leak Rate Estimation Tool - Sanjay Tikku, BMT Canada, Ltd. (0348)	Break in Exhibit Hall	Using Satellite-Based Hyperspectral Imagery for Pipeline Integrity, Leak Detection and Compliance - Peter Weaver, Orbital Sidekick (0133)	Panel: Midstream is Becoming Mainstream: Technology and Innovation in the Midstream Sector	
Corrosion / Metallurgy Harbor Room			Rectifier Selection: "What's Right for your Application" - Don Olson, IRT Integrated Rectifier Technologies, Inc. (0043)	Alternating Current Interference on Pipelines - Anthony Ashiofu, Jr., RK&K (0405)	Methods for Mitigating Corrosion - Lance Witt, Integrity Measurement & Control (0412)		Lessons Learned Hard Spots Failures Nigel Strike, Boardwalk Pipeline Partners, LP (0404)	Benefits of Coating Inspection - Brandon Neuberger - Capital Inspectors (435) / Moderator: Don Olson	Successful UT Examination of a Modified Storage Tank Shell-to-Bottom Weld - Juan Carlos Ruiz-Rico (0058)		Interpreting Internal Corrosion Coupon Data – What does it Mean? - Jane Brown, Brown Corrosion Services, Inc. (0410)	Internal Corrosion Monitoring Methods - Lance Witt, Integrity Measurement and Control (0411)	The Mechanical Aspects of Internal Corrosion Monitoring - Jerry Brown, Brown Corrosion Services, Inc. (0413)
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Inspection / NDE Spinnaker Room	OPENING SESSION / KEYNOTE SPEAKER: Mountains We Have Climbed – Mountains We Still Need to Climb - John Reynolds, Principal Consultant, Intertek	Break in Exhibit Hall	Popular O&G Inspections Using PAUT and TFM - Dillon Smith and Guillaume Neau, M2M NDT, Inc. (0047)	Subsea Inspection with Game Changing MEC Technology - Andreas Boenisch, Innospection, Ltd. (0054)	CLASS and CAIP Oil Tanker Survey Using Drones and Software - Patrick Saracco, Cyberhawk Innovations (0137)	Lunch in Exhibit Hall		Deployment of Robotic Tool to Verify Integrity of Spar Platform Ballast Tank - Esteban Cesan, SONOMATIC (#TBD)	Advances in Phased Array Inspection of API 620 LNG Tanks - Chris Magruder, Olympus NDT (0246)	Break in Exhibit Hall	Identification of Base Metal Cracking in Stainless Steel Lined High Temperature Reactors - Stanley Botton, Stanley F. Botton NDT Consultants (0431)	Planar Array Tool for Volumetric Surface Defect Detection and Measurement - Dan Keck, Excam Systems, LLC (0286)	Advances in Nondestructive Assessment of Used Oilfield Coiled Tubing - Roderic Stanley, NDE Information Consultants (0293)
Corrosion/Metallurgy Galleon III Room			Wear Resistance PVD Coatings - David Bell, Phygen (0418)	Erosion and Sand Management in the Unconventional Business - Juan Gonzalez, Shell Upstream Americas Unconventionals (0417)	Erosion in Bypass of Level Control Valve in Gas Plants - Hatam Mehrzad, Saudi Aramco (0032)		Mitigation & Control Strategy for Organic Acid Corrosion - Afizza Izzama Mustapa, PETRONAS Carigali Sdn Bhd (0038)	Gathering System Integrity Evaluation - Christopher Perez, ShellSEPCO (0428)	CRA Metal Cladding with High Velocity Thermal Spray in Upstream Static Equipment - Iain Hall, Integrated Global Solutions (0427)		Unexpected SCC Failures on High pressure 316SS Offshore Block Valves, Riza Khan, In-Corr-Tech, Ltd. (0350)	Implementing Electrochemical Impedance Spectroscopy as a Tool to Determine Biofilm Formation on the Carbon Steel Surfaces - Raicelina Ramos Nalco Champion, An Ecolab Company (0422)	Evaluation of Compatibility Between S8430, S8304, and S8318L Alloys and Peracetic Acid in Presence of Chlorides - Yolanda De-Abreu (0424)

Wednesday, January 30, 2019

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Inspection / NDE - 1 Ballroom A	Installed Sensors and Cloud Software for Continuous Monitoring and Analytics - Ken Holditch, Baker Hughes, a GE Company (0330)	Panel Discussion: Permanently Mounted Sensors		Break in Exhibit Hall	Nondestructive - Base Asset Management Techniques for High Pressure LDPE Equipment - Myles Parr, Structural Integrity Associates (0238)	Corrosion Blisters and Blooms Evaluation - Pulse Eddy Current Testing - Timothy Rush, Mistras Group, Inc. (0235)	Eddy Current Array vs Penetrant Testing for Inspecting Stainless Steel - James Bittner, Olympus Corporation of the Americas (0237)	Lunch in Exhibit Hall	Handheld Analyzer for Carbon, CE Determination in Pipeline, Refinery Materials - Don Sackett, SciApps, Inc. (0385)	Effects of Weld Type Variation on TFM Image Techniques - Emilie Pelouquin, Olympus Scientific Solutions Americas (0273)	Phased Array Assisted Analysis Software for Weld Inspections - Nicholas Bublitz, VaryPhase, Inc. (0274)	Break in Exhibit Hall	Omnidirectional Magnostriuctive Transducer for Guided Wave Testing of Large Shells - Sergey Vinogradov, Southwest Research Institute (0282)	Inspection of Heat Recovery Steam Generators Using Nondestructive Testing - Shawn Gowatski, TesTex, Inc. (0301)	Automated Guided Wave Monitoring - Thomas Vogt, Guided Ultrasonics, Ltd. (0312)	
Inspection / NDE - 2 Ballroom C	The Three Key Pieces of an Integrity Management System - Jeremy Staats and Steve Bolinger, Becht Engineering Company, Inc. (0393)		Field Practice of Magnetic Flux Leakage Methodology- Some Pitfalls- Roderic Stanley, NDE Information Consultants (0093)		API and ICP - A Guide to Involvement Terry McLane, HollyFrontier (0126)	Continuing Education for Inspectors - Randall Stremmel, RPS Welding Consultants (0062)	Inspector Training Post Certification: Cultivate & Grow Inspection Leaders, Tony Medina, PinnacleART (0215)		Inspection Careers - Where to Begin and Where to go to Next - Kimberly Meszaros, Codes and Standards Training Institute (0343)	Development of a Pipeline Construction Inspector Career Roadmap - Ritch Rappel, Rappel Inspections, Ltd. (0165)	Baseline Heat Exchanger Inspections to Reduce Costs and Unscheduled Downtime - Timothy Rush, Mistras Group, Inc. (0224)		Performance Evaluation of Anti-Condensation Coatings Kareem Khali Yansab (SABIC) (0304)	Benefits of DDA X-ray for Corrosion Damage Mechanisms - Brian Anderson, Acuren (0389)	Aligning Fitness for Service for Fiber Reinforced Polymers - Geoff Clarkson, UTComp, Inc. (0168)	Proactive Systematic Approach to Identify and Prioritize Structural Infrastructure - Tom Kline, Structural Technologies (0023)
AIM/Engineering Schooner Room	Asset Integrity Management - Training and Experience or Techniques? - Peter Millar, MMD Equipment and Service (0024)		Next Generation Asset Performance Management - David Drerup, Operational Sustainability, LLC (0087)		The Role of Emerging Technology in Driving Shutdown/Turnaround/Outage (STO) Success - Paul Muir, Mobilco (0152)	Turnaround Management - Maximizing MI Program Value During Shutdowns - John Bailey, Innovate Inspection Solutions (0185)	Reliability of Nondestructive Testing Data for Fitness for Service Assessments - Morteza Jafari, ABSG Consulting, Inc. (0249)		Increasing Uptime in Plant Reliability by Deploying Asset Monitoring Solutions - Arturo Nunez, Mistras Group, Inc. (0230)	Realizing the Full Potential of an Integrity Data Management System - Stephen Flory, PinnacleART (0179)	Benefits of Implementing an Appropriate Data Management System - Natalie Mc Intosh, Lloyd's Register (0196)		Continuous Monitoring of Assets - Mike Wechsler, Mistras Group, Inc. (0225)	Remote Acoustic Emission Monitoring of Critical Fixed Equipment - Steven Garcia, American, LLC (0206)	Fitness for Service (FFS) Developments in Fatigue Screening Criteria for Piping Vibration Assessments - Michael Bifano, The Equity Engineering Group, Inc. (0214)	
Downstream																
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Inspection / NDE Galleon I Room	Continuous Thickness Monitoring in High-Temperature Service - Tim Stevenson, Ionix Advanced Technologies (0201)	High Temperature (400 degF) Phase Array Ultrasonic Examinations in Lieu of Radiography - David Bujala, Acuren (0388)	Identification and Inspection of Critical Thermowells - Jay Hawkins, Marathon Petroleum Corporation (0437)	Break in Exhibit Hall	The Value of a Baseline Inspection: Fired Heater Coils - Tim Haugen, Quest Integrity (0099)	Process Heater Tube Temperature Monitoring: Best Practices - Frank Liu, Code Inspection RI Techniques (0025)	Carburization Inspections for Radiant Tubes within Ethylene Cracking Furnaces - Wicht Yokoyongraser, SCG Chemicals, Ltd. (0187)	Lunch in Exhibit Hall	CML Optimization / Allocation - Grady Hutton, Pro-Surve Technical Services, LLC (0071)	Piping CMLs: Optimizing Numbers, Placement, and Data Analysis			Break in Exhibit Hall	Phased Array Detection and Metallurgical Analysis of Creep Fatigue Cracking - Terry Haigler, Intertek (0145)	Long Range Wireless UT Sensor Adoption: Corrosion Monitoring & Inspection - Steve Strachan, Sensor Networks, Inc. (0101)	Contact Point Corrosion detection using Guided Current Testing (GCT) - Paul Mash, Caron Steel Inspection subsidiary of Versa Integrity (0317)
Corrosion / Metallurgy - Ballroom B	Compressor Inter-cooler tube Failures by Micro-Biologically Induced Corrosion - Muhammad Bilal, Saudi International Petrochemical Company (0294)	Microbial Corrosion: Post-Construction Damage and Mitigation-William (Bill) Schaal, Gilbane (0290)	RCA of Tube Failure in Waste Heat Boiler - Hassan AlHamad, Kemya (a SABIC & ExxonMobil JV) (0255)		Plant and Circuit Wide CCD/IOW Implementation Process - Brian Jack, E2G (0122)	Union Oil Wet H2S Cracking Incident 35 years Later - Gerrit Buchheim, Becht Engineering Company, Inc. (0391)			Heat Treating - A Journey through Time and Temperature - Andrew Bohm, Fulcrum Reliability (0097)	Elimination of Backing Gas in Austenitic Stainless Steel Welds - Charles Patrick, ALS Maverick Testing Laboratories, Inc. (0019)	Using Advanced Analysis to Reduce Hydrogen Bakeout Times - Scott Bouse, WJE Associates (0151)	ASME Section IX Welding - Process, Procedure and Performance - James Harris, Marathon Petroleum Corporation (0021)		Review of Recent HF Alkylolation Piping Failures at HollyFrontier - Terry McLane, HollyFrontier (0374)	Localized Corrosion Inspection Locations for HF Alkylolation Unit in Refinery - Huang Lin, Lloyd's Register Energy Associates (0396)	
AIM / Engineering Clipper Room	Eight Pillars of Mechanical Integrity - Steven Bolinger, Becht Engineering Company, Inc. (0359)	Pressure Vessels 101 ASME Design by Rule for Pressure Vessels - Marvin Coats, Heller/Codewest (0279)	MI Fundamentals: Roadmap to Q1 Performance - William Minter, PinnacleART (0174)		Automating Time/Condition-based Inspection Strategy Development - Vipin Nair, GE Digital and Scott White, Flint Hills Resources (0428)	Panel Discussion: Big Data and You			Mechanical Integrity Program Development for New Construction - Matthew Caserta, Becht Engineering Company, Inc. (0204)	When Life Gets in the Way: Discontinuous Vacuum Rings - Melanie Sarzynski, Wiss Janney Elstner Associates, Inc., (0160)	Using Mechanical Integrity Improvements in Planning a Successful Turnaround - Wilfredo Rivera, GE Digital (0313)	MPT - Where Are We Heading With API 934F and API 579 - Gerrit Buchheim and Jim McLaughlin, Becht Engineering Company, Inc. (0392)		Evaluating the Damage Tolerance of Coke Drum Support Skirt Designs - Seetha Kummari, The Equity Engineering Group, Inc. (0149)	Fitness for Service (FFS) Reevaluating Distance to a Structural Discontinuity - Scott Bouse, WJE Associates (0152)	
RBI / HTHA (AIM / Engineering Subtrack) Yacht Room	Owner User Modification of API-581 Levels of Inspection Effectiveness Procedures - Mark Vining, Mistras Group, Inc. (0072)	RBI Model for Creep Based on Larson Miller Parameters - Panos Topalis, DNV/GL and Lynne Kaley, Trinity Bridge, LLC (0283)	RBI Model for Creep Based on Larson Miller Parameters - Panos Topalis, DNV/GL and Lynne Kaley, Trinity Bridge, LLC (0283)		Case Study: Steam System Risk Mitigation using RBI - Robert Sladek, Asset Optimization Consultants (0241)	Optimizing Pressure Relief Valve Inspection Intervals - Nancy Faulk, Siemens (0180)	Qualitative RBI Approach For Heat Exchanger Damages Mitigation - Ahmad Raza Khan Rana, Dalhouse University (0161)		Benefits & Limitations of using RBI on ASTs - John Britton, DNV GL (0091)	Risk-Based Inspection Methodology for Bundles, Tanks and Furnace Tubes - Lynne Kaley, Trinity Bridge, LLC (0285)	Enhanced RBI for Exchanger Bundles - Ricardo Gonzalez, TOTAL SA (0069)	Evergreening an RBI-Based Inspection Program - Ben Charlton, Valero Three Rivers (0315)		Fired Heater Risk-Based Inspection Methodology - Phil Henry, The Equity Engineering Group, Inc. (0299)	Using Actual Pop Test Results to Determine PRD Risk - Hassan (Shervin) Sadeghi, Lloyd's Register (0153)	
Midstream																
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Inspection / NDE /Eng, & Analysis - Harbor Room	NDE Performance Verification for Pipeline Operators, Sarah Johnson, Marathon Pipe Line and Andri Orphanides, API (0139)	Understanding Crack IJI Performance Using In-the-Ditch NDE - Karman Doucette, Enbridge Liquids Pipelines (0362)	Deformation Program Performance Evaluation - Michael Snow, Enbridge Liquids Pipeline (0384)	Break in Exhibit Hall	Pipeline Dent Integrity Management Guide Development - API RP1183, Mark Piazza, Colonial Pipeline Company (0345)	Remote Detection of Stress Magnetization to Inspect and Map Pipelines - Paul Jarram, Speir Hunter Limited (0039)	In-line Screening of Small Diameter Pipelines Using Free-floating Smart Sensors - John van Pol, Ingu Solutions, Inc. (0265)	Lunch in Exhibit Hall	Improvements in Crack Depth Sizing and Benefits for Integrity Management - Ryan Sikes, NDT Global, LLC (0319)	Effect of Pipeline Deposits on MFL Sizing Accuracy of Pinholes - Joel Falk, Desjardins Integrity, Ltd. (0324)	Guided Waves for Structural Health Monitoring of Pipeline - Sang Kin, Guides Wave Analysis, LLC (0205)	Break in Exhibit Hall	A Proven Methodology for Integrity Assessment of Facilities Piping - Juan Carlos Ruiz-Rico, DNV GL (0074)	Use of Drones to Inspect Aerial Pipeline Crossings - David Hunter, Pond & Company (0352)	Improving Safety Through Technology and Innovation - Jason Forte, Insitu (0079)	
Storage Tanks Spinnaker Room	Pipeline and Tank Floor Inspection with Game Changing MEC Technology - Andreas Boenisch, Innopection, Ltd. (0053)	The Unique Inspection Requirements of Bolted CHIME Tanks - John Cornell, H.I.R. Technical Services (0128)	The Next Generation CP for Double Bottom Tanks has Arrived- Louis Koszewski, US Tank Protectors, Inc. (0177)		Tank Tales: Storage Tank Failure and Damage Investigations - Ana Benz, IRISNDT (0029)	Current Corrosion Protection not working? VCI can help! - Kelly Baker, Zerust Oil & Gas (0046)	The Inspection of Vented, Fiberglass Storage Tanks - John Cornell, H.I.R. Technical Services (0129)		Approaching API 653 Tank Internal Inspections as Business Opportunities - Lennar Perez, CITGO Petroleum Corporation (0399)	Lining for Fuel Grade Ethanol: Why Has It Been So Challenging? - David Cushman, West Virginia Paint (0433)	Seismic Loading of Aboveground Storage Tanks: Design and Fitness-For-Service Considerations - Phillip Prueter, The Equity Engineering Group (0148)		Use of Corrosion Coupons and ER Probes for AST's - Louis Koszewski, US Tank Protectors (0178)	Panel Discussion: Robotics in Tank Inspection		
Upstream																
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Inspection / NDE Galleon II Room	New Advances in Contact Point Corrosion Technology - Brian Beresford, VIR Inspection, LLC (0368)	Advances in Pipeline Leak Detection - Ronnie Little, SPL Leak Detection (0370)	Field Evaluation of Eddy Current Probe - David Brown, VM Products (0415)	Break in Exhibit Hall	A Wireless, Battery Free Permanently Installed Ultrasonic Sensor - Tom Knowles Jackson, Inductosense (0256)			Lunch in Exhibit Hall				Break in Exhibit Hall				
AIM / Engineering Galleon III Room	Maintaining Aging Infrastructures in Upstream Operations - A Continuum of Approaches - Travis Harrington, Anadarko (0005)	Pipeline Metal Loss Evaluations per API 579-1/ASME FFS-1 Fitness-For-Service Rules - Kraig Shipley, The Equity Engineering Group, Inc. (0278)	Monitoring of Structural Integrity of Offshore Structures in Cold Regions - Arpit Dev, OMC Rig Technical and Support Services (0311)		Dead Leg Inspection Management Systems - Eric Onya, SNEPCo (0320)	Carbon Fiber Pipe - The End of Upstream Corrosion - Matthew Massey #439	SURF RBI - Cost Effective Solutions to Mitigate Identified Risks - Eric Allen, DNV GL (0057)		Asset Integrity Management Best Practices - Tony Poulasichidis, Anadarko (0063)	Inspection Process: The "What", "When", "Who" and "How" - Tony Poulasichidis, Anadarko (0064)	Proactive Design Criterion to Maximize Integrity of Facility Assets - Meshary Al-Bahili (0073)		Assessing Performance of a Corrosion Control Program & Data Analytics - Jamie Davidson, Lloyd's Register Energy Americas, Inc. (0077)	Moving from Conformance to Improvement: A Case for Quality Management - Joey Poret, Chevron Corporation (0085)	Improving Quality in Offshore Projects: Adding Value Through Inspection - Joey Poret, Chevron Corporation (0086)	

Thursday, January 31, 2019												
Multi-Sector												
TRACK	8:00 AM - 8:30 AM	8:35 AM - 9:05 AM	9:10 AM - 9:40 AM	9:40 AM - 10:15 AM	10:15 AM - 10:45 AM	10:50 AM - 11:20 AM	11:25 AM - 11:55 AM	11:55 AM - 1:00 PM	1:00 PM - 1:30 PM	1:35 PM - 2:05 PM	2:10 PM - 2:40 PM	
Inspection / NDE - 1 Ballroom A	Instrumented Indentation Tests to Measure Tensile Properties in Field - Dongseong Ro, Frontics America (0222)	Using Autonomous Drones for Ultrasonic Inspection of Flare Stacks - Jamie Branch, Apellix (0117)	Review of Several New Improvements to Full Matrix Capture of Total Focusing Method - Alan Caulder, Advanced OEM Solutions (0323)	Break in Exhibit Hall	Improving Inspection Reliability With Advanced Nondestructive Testing Techniques - Shannon Matthewson, Wood (0336)	The Ultimate Safety Moment - David Bajula, Acuren (0387)		Boxed Lunch Foyer				
Inspection / NDE - 2 Ballroom C	Moving Ultrasonic Data Without Cabling - Mike Wechsler, Mistras Group, Inc. (0226)	Mobile/Digital Inspection and Testing for Mechanical Integrity Programs - Russ Davis, Mistras Group, Inc. (0227)***	Pressure Safety Valve Integrity Management Using Risk and Reliability Method - Steve Matthews, Petrofac (0295)		The Value of Using Dimensional Technologies for Digitalization of the Physical Asset - Matthew Craig, Becht Engineering Company, Inc. (0394) ***							
AIM/Engineering Schooner Room	Developing and Sustaining Future Mechanical Integrity Specialists/Leaders - Clay Rodery, C&S Technology, LLC (0308)	Success Through Data Implementation Challenges - Larry Green, Williams Company (0332)	When Life Gets in the Way: Discontinuous Vacuum Rings - Melanie Sarzynski, Wiss Jenney Elstner Associates, Inc. (0160)		Quantifying Infrared Temperature Corrections From Art to Science - Nagy Wassef, Quest Integrity (0357)	Introduction to a Proposed Rewrite of API-579 Part 3 Procedures - Seetha Kummari, The Equity Engineering Group, Inc. (0166)	Detection and Sizing of Stress Corrosion Cracking - Timothy Rush, Mistras Group, Inc. (0234)					
Downstream												
TRACK	8:00 AM - 8:30 AM	8:35 AM - 9:05 AM	9:10 AM - 9:40 AM	9:40 AM - 10:15 AM	10:15 AM - 10:45 AM	10:50 AM - 11:20 AM	11:25 AM - 11:55 AM	11:55 AM - 1:00 PM	1:00 PM - 1:30 PM	1:35 PM - 2:05 PM	2:10 PM - 2:40 PM	
Inspection / NDE Galleon I Room	Discussing Structural Tmin for Piping: Update to API 574, Table 6 - Kraig Shipley, The Equity Engineering Group, Inc. (0280)	Latest Advancements in PMI by XRF & LIBS Handheld Analyzers - Mark Lessard, ThermoFisher Scientific (0346)	Components of a Modern PMI Program - Michael Hull, Olympos (0358)	Break in Exhibit Hall	Digitalization and Standardization of Visual Inspection Data for Business Intelligence - Ross Boyd, TruQC, LLC (0353)	Unmanned Data Management – Inspections and Beyond - Danny Landry, Premium Inspection & Testing Group (0367)	Common Errors when Conducting Cracking and Bulging Inspections of Coke Drums - Mahmud Samman, Houston Engineering Solutions, LLC (0200)	Boxed Lunch Foyer	Development of a Wall-Sticking Drone for Non-Destructive Ultrasonic Testing - Rami Mattar, Amerapex (0055)	Case Study: Wall Loss Due to Flow Accelerated Corrosion - Lange Kimball, Stress Engineering Services, Inc. (0209)	A105/A106 QA QC and Metallurgical Considerations - Puneet Saggur, Lloyd's Register (0176)	
Corrosion / Metallurgy Hilton Crystal Ballroom	Corrosion Resistance Performance of Nickel-cobalt Electroplating on High-Strength Steel Fasteners for Upstream/Downstream Applications - Omar Rosas, Doxsteel Fasteners (0334)	Duplex Stainless Steel REACs in Refinery Hydroprocessing Units - David Moore, Becht Engineering Services, Inc. (0436)	A105/A106 Metallurgical and Brittle Fracture Considerations - Puneet Saggur, Lloyd's Register (0156)		Damage Mechanisms in old Mn-Mo Vessels - David Moore, Becht Engineering Company, Inc. (0143)	Alkaline Carbonate Stress Corrosion Cracking - A Case Study - Mike Schmidt, CHS, Inc. (0183)	Case Study of Premature Cracking on Stainless steel Gas Cooler - Roxanna Alvarez Guerra, Lloyd's Register Energy Americas, Inc. (0157)		Classification Of Corrosion Failures - Gerald Hunt, Scientific Testing (0198)	Case Studies Demonstrating Corrosion concerns (Design and Material Selection) - Vishal Lagad, Lloyd's Register (0124)	TBD	
AIM / Engineering Galleon III Room	ASME B&PV Code VIII-2: Background, Initiatives and Cost Savings - James Sowinski, The Equity Engineering Group, Inc. (0298)	Performance-Based Assessment of an Incinerator Stack Using Field Measurements - Kenny Farrow, Stress Engineering Services, Canada (0354)	Investigating the Root Cause of a Heater Convection Tube Leak - Arthur Jensen, PBF Energy (0375)		Simplified Fracture Mechanics for ASME B31.3 Piping Using a Minimum Allowable Temperature Method - Kraig Shipley, The Equity Engineering Group, Inc. (0281)	Spring Hanger Pipe Support Inspection and Maintenance - Chuck Thornton, Versa Integrity Group108 (0300)	Lessons Learned in Piping Troubleshooting and Design - Charles (Chuck) Becht, Becht Engineering Company, Inc. (0421)		Integrity Maps for a Refinery - Steven Bolinger, Becht Engineering Company, Inc. (0360)	Common Pitfalls of a PRV Reliability Program - Chad Patschke, Ethos Mechanical Integrity Solutions, LLC (0366)	Achieving Mechanical Integrity: A Holistic Approach - Gregory Weber, Fidelis Associates (0327)	
RBI / HTHA (AIM / Engineering Subtrack) Clipper Room	Can you Manage RBI Records real-time during a Turnaround? Absolutely! - Guy Bogar, TGR Industrial Services (0108)	Risk-based Inspection Applied to Russian Refineries - Karina Allogulova, ZAO "GIAP-DIST Center" (0103)	Non-Intrusive NDT and Customized RBI Solutions - Siddarth Sanhavi, PinnacleART (0329)		IOW's: Why You Need Them & How to Justify Within Your Organization - Phil Garcia, PinnacleART (0130)	IOWs - Implementation Experience and Lessons Learned - Vishal Lagad, Lloyd's Register (0172)	RBI Best Practices Jimmie George, The Equity Engineering Group (0118)		Utilizing RBI to Evaluate Feed and Other Operational Changes - Clay White (0398)	Case Study: Qualitative Risk Assessment of a Refrigeration System - Robert Sladek, AOC (0083)	TBD	
Midstream												
TRACK	8:00 AM - 8:30 AM	8:35 AM - 9:05 AM	9:10 AM - 9:40 AM	9:40 AM - 10:15 AM	10:15 AM - 10:45 AM	10:50 AM - 11:20 AM	11:25 AM - 11:55 AM	11:55 AM - 1:00 PM	1:00 PM - 1:30 PM	1:35 PM - 2:05 PM	2:10 AM - 2:40 PM	
Inspection / NDE/Eng & Analysis Harbor Room	Corrosion Under Insulation in Pipelines. A Case Study - Bernardo Cuervo, G2 Integrated Solutions (0210)	Engineering Analysis of Backfilling Practices for Pipeline Maintenance Activities - Aaron Dinovitzer, BMT Fleet Technology, Ltd. (0347)	Improved Methods for Estimating Fatigue Life of ERW Pipelines - Sanjay Tiku, BMT Fleet Technology, Ltd. (0349)	Break in Exhibit Hall	Reverse Engineering for OSHA Compliance when Design Documentation is Missing, Ryan Jones, The Equity Engineering Group, Inc. (0271)	Suitability for Service: Undocumented Pressure Vessels and State Specials - Daniel Schardine, Applied Technical Services, Inc. (0310)	Managing Corrosion in Slug Catchers - Mandar Kulkarni, Stress Engineering Services, Inc. (0333)	Boxed Lunch Foyer	Advances in Leak Detection - Ronnie Little, SPL Leak Detection (0370)	Capturing Best Practices for Third Party Inspections of Facilities Construction - Andy Duncan, Enbridge (0173)	TBD	
Corrosion / Metallurgy Spinnaker Room	Troubleshooting Rectifiers, C.M. Nelson Witt, JA Electronics	DNA Testing, What is it and How Can it Help? - Tom Pickthall, EnhanceCo, Inc. (0207)	Codes & Standards Review of Electrically Resistive Pipeline Coatings - Bob Buchanan, Seal for Life Industries (0408) see previous cell		Dead Legs - Prioritization, Remedies and Failures - Jerry Brown, Brown Corrosion Services, Inc. (0409)	Process Safety Approach to Assess Pipeline Integrity Barriers - Adriana Paiva, Shell (0423)	Lessons Learned on Implementing a Successful NDE Facility Integrity Program Kendall McKinzey, PAALP #438		Panel: 2019 Midstream Recap	TBD		
Upstream												
TRACK	8:00 AM - 8:30 AM	8:35 AM - 9:05 AM	9:10 AM - 9:40 AM	9:40 AM - 10:15 AM	10:15 AM - 10:45 AM	10:50 AM - 11:20 AM	11:25 AM - 11:55 AM	11:55 AM - 1:00 PM	1:00 PM - 1:30 PM	1:35 PM - 2:05 PM	2:10 AM - 2:40 PM	
AIM / Engineering Yacht Room	Verification and Validation of Standard Hammer Union Designs for API Subcommittee 8, Task Group 5, Daniel Ayewah, Stress Engineering (0341)	An Inspired Approach to Inspection Methodology for Upstream Production Tanks - Elizabeth Brueckner, G.K. Hills Consulting, Ltd. (0120)	Offshore Well Casing Repair & Remediation Alternatives - Chanat Sirtsoonthorn, Chevron Thailand Exploration and Production, Ltd. (0121)		Ensuring Piping Integrity for Oil & Gas Asset Performance Management - Haitham AlKanderi, Kuwait Oil Company (0123)	Update of API 12 Series Tank Specification and Inspection Documents - George Morovich, Tank and Environmental Technologies, Inc. (0181)	QA/QC – Cost versus Value - Holley Baker, Mistras Group, Inc. (0221)	Boxed Lunch Foyer	Aging Asset Optimisation - Hossam Aboegla, Lloyd's Register Energy (0296)			