

Pipeline pigging and integrity management conference, 11-12 February, 2015

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| Tuesday 10 Feb | |
| 5:00 – 7:00 | Welcome reception: exhibition open Sponsored by Rosen Group |
| Wednesday 11 Feb | |
| 8:30 | Introduction |
| | <i>Utility tools and applications – chairman: Roland Palmer-Jones, Penspen Ltd, UK</i> |
| | Session sponsored by N-SPEC |
| 8:45 | [1] Economic benefits of automated pigging systems, by David Wint, WeldFit Energy Group, USA |
| 9:15 | [2] Lessons learned from encapsulation of pipeline hydrostatic testing vents and drains, by Alan Beckett and Kevin Wigren, Alyeska Pipeline Service Company, USA |
| 9:45 | [3] Comparison of the speed-control cleaning tool vs a standard hard-bodied cleaning pig, by Rick Meade, Inline Services, USA |
| 10:15 | Coffee |
| | <i>ILI interpretation – chairman: Terry Shamblin, EQT Energy, USA</i> |
| 11:00 | [4] Corrosion growth analyses and fitness for purpose assessments using low/standard resolution ILI and ultra-high resolution ILI tools, by Hans Gruitroij, A Hak Industrial Services, Netherlands, and Mike Rose, DMC-1, Germany |
| 11:30 | [5] Internal inspection uncertainties and pipeline integrity management, by Susannah Turner and Michael Uloko, Penspen Ltd, UK |
| 12:00 | [6] Identifying locations of active corrosion growth from successive in-line inspections, by Dr Tom Bubenik, DNVGL, USA, William Harper, Otterbein University, USA, and Pam Moreno and Steve Polaski, DNVGL, USA |
| 12:30 | Lunch |
| | <i>Cracks and their identification – chairman: Everett Johnson, Marathon Oil Co, USA</i> |
| 1:30 | [7] Combined ultrasonic tethered inspection tool for detection and accurate sizing of circumferential weld cracks in offshore pipelines: qualification and first results, by Thor-Ståle Kristiansen ¹ , Hans Petter Bjørgen ² , Herbert Willems ³ , and Guus Wieme ¹ 1 KTN, Bergen, Norway 2 Statoil, Stjørdal, Norway 3 NDT Global, Stutensee, Germany |
| 2:00 | [8] The latest in pressure-cycle-induced fatigue-crack growth modeling, by Chad Haegelin and Derek Johnson, Integrity Solutions, Ltd, USA |
| 2:30 | [9] Assessing the probability of detecting crack features using ultrasonic ILI tool run results and excavation data, by Dr Dongliang Lu and Jason Skow, C-FER Technologies, Edmonton, Canada, and Sean Keane, Enbridge Pipelines Inc., Edmonton, Canada |
| 3:00 | Coffee |
| 3:45 | Advances in ILI crack and seam-weld assessments: discussion panel Featuring contributions from Ron Thompson, Baker Hughes, Geoff Foreman GE-PII, Dr Thomas Hennig, NDT Global, Thomas Beuker, Rosen Group, and Jed Ludlow, TD Williamson Session sponsored by: NDT Global |
| 5:15 | End of day |
| 5:15 – 7:00 | Reception in exhibition hall |

| Sponsored by Precision Pigging | | |
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| Thursday 12 Feb | | |
| | <i>Welds and materials – chairman: Dr Tom Bubenik, DNV GL, USA</i> | <i>Offshore issues – chairman: George Williamson, BP, USA</i> |
| 8:00 | [10] Innovations in the integrity management of seam welds in cyclic service, by Dr Ted Anderson and Ian Smith, Quest Integrity Group, LLC, USA | [18] Integrity management of flexible risers within I-tubes – a case study, by Dr Damir Tadjiev and Mark Murray, Wood Group Kenny, UK |
| 8:30 | [11] Innovative solution of integrity verification process (IVP), TDW's positive material identification program, by Greg Donikowski and Adrian Belanger, TDW Services, Inc., USA | [19] Key considerations in the assessment of pipeline spans, by Rhett Dotson and Larry Matta, Stress Engineering Services, Inc., USA |
| 9:00 | [12] MAOP validation and pipe grade determination using ILI technologies, by Daniel Molenda, Werner Thale, and Thomas Eiken, Rosen Technology and Research Centre GmbH, Germany | [20] Integrity management of loading line systems, by Frank J. Mueller, Guenter Sundag, Stefan Vages, and Jaime Lopez, H Rosen de Mexico, S de RL de CV, Mexico |
| 9:30 | Coffee | |
| | <i>Case studies – chairman: Fred Williams, Shell, Netherlands</i> | [21] Combining speed control function and wye passage in a long subsea gas line – a case study, by Dr Hubert Lindner, Rosen Technology and Research Centre GmbH, Germany, Hans van Remmerden, Rosen, USA, and Amit Shamgar, Williams Transco, USA |
| 10:15 | [13] Evaluation of the reliability and accuracy of MFL and UT ILI tools for pinhole detection, by Gustavo Gonzalez-Franchi, Nancy Leek, and Roland Palmer-Jones, Penspen Ltd, UK, and Tony Lewis, ExxonMobil, UK | <i>Risk assessment – chairman: Matt Hastings, Williams, USA</i> |
| 10:45 | [14] Case study: corrosion on a 24-in main oil line from intelligent pigging to rehabilitation, by Mohamed Zouhair Trojette and Khalid Al Hosani, Zakum Development Co (ZADCO), UAE | [22] Pipeline risk assessment as part of a pipeline integrity-management system (PIMS), by Steve Dresie, PII Pipeline Solutions, USA, and Jane Dawson, PII Pipeline Solutions, UK |
| 11:15 | [15] Partnership overcomes low-flow/pressure-gathering inspection challenges, by Mark Graves, Williams, USA, and Chuck Harris, TD Williamson, USA | [23] Selection of a risk mitigation tool for confirmation of containment, by Joe Villemarette, Sunoco Pipeline, LP, USA, and Anis Somani, Pure Technologies, USA |
| 11:45 | [16] Systematic approach to measuring ILI tool performance, by Sean Keane, Karmun Cheng, and Kaitlyn Korol, Enbridge Pipelines Inc., Edmonton, Canada | [24] Gains in advanced data assessment in ILI – leveraging pipeline data with expertise to eliminate risk, prioritize and schedule necessary repairs, by Ian Smith and Michael McGee, Quest Integrity Group, USA |
| 12:15 | [17] The added value of ILI to hydrostatic testing programs, by Brett Covey, Quest Integrity Group, USA, and Josh Kirtley, PG&E, USA | |
| 12:45 | Lunch | |

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| | <i>ILI data – chairman: Jerry Rau, Panhandle Eastern Pipeline Co, USA</i> |
| 1:45 | [25] Assessment of ILI data for the effective integrity management of pipeline threats, by David Adler, Columbia Pipeline Group, USA, Jane Dawson, PII Pipeline Solutions, UK, and Steve Dresie, PII Pipeline Solutions, USA |
| 2:15 | [26] Validating ILI accuracy using spatial in-ditch scanning measurements, by Harvey Haines, Lucinda Smart, and Ben Wright, Kiefner & Associates, Inc., USA |
| 2:45 | Coffee |
| 3:00 | [27] Validation of integrity decisions made under uncertainty, by Sherif Hassanien and Mona Abdolrazaghi, Enbridge Pipelines Inc., Canada |
| 3:30 | [28] Managing uncertainty in an ILI program, Karmun Cheng and Steven Bott, and Wade Keller, Enbridge Pipelines Inc., Canada |
| 4:00 | [29] A data collection solution to support pipeline integrity, by Phil Tisovec, Vantis Solutions, USA, and Jake Murray, Access Midstream, USA |
| 4:30 | End |