



Pigging Industry News

the newsletter of the Pigging Products & Services Association

THE PRESIDENT'S LETTER

By Michael Rapp, ROSEN Group, Germany

As this is the first newsletter since our Annual General Meeting (AGM) in February, I'm honored to introduce myself as new President of the PPSA and Jessica Nichols from Inline Services as Vice President; also we welcome our new directors: Felix Schmidt of 3P Services and Graham Jack of Halliburton. Furthermore, I'd like to thank our past President Chuck Harris and the two directors who are leaving the Board – Iain Shepherd after 4 years' service and Simon Bell after 2 years' service - for their dedicated work and contribution to PPSA, while expressing my sincere gratitude to Diane Cordell for her passion and commitment to support our association in making a positive difference in the industry.

Now let's have a look at our most recent activities: our PPSA golf tournament took place on January 29th, 2018. Many thanks to all players and especially the sponsors for supporting this fun and informal event. Its profits will be put towards events for young people in our industry. The PPSA AGM took place on January 30th, 2018. Thanks to all who attended and brought forward their ideas on how PPSA should develop in the future. Especially the opportunities that Big Data and Artificial Intelligence (AI) will bring to our industry were highlighted. Following the AGM, PPSA exhibited at the PPIM exhibition in Houston, USA. Another great PPIM event to meet many PPSA members and spread the word about the work that our Association and its members do to strive towards the industry goal

of 'zero incidents'. In March PPSA exhibited for the third time at the PTC Conference and exhibition in Berlin, Germany. This gave another opportunity to tell operators about the members' work and the free technical enquiry service that our Association provides. In April PPSA and the Pipeline Research Council International (PRCI) hosted a pull through ILI demonstration for Young Pipeline Professionals at the PRCI's Technology Development Center in Houston, USA. This was well attended by enthusiastic young people from both pipeline operators and universities. Special thanks go to Chuck Harris and Hans Deeb from PRCI for initiating this event. As for the coming months, PPSA will again be exhibiting at the IPCE exposition in September in Calgary, Canada. This has become a regular event for PPSA to attend which we are all looking forward to. Also, PPSA will be holding its annual pigging seminar on November 7th, 2018 in Aberdeen, U.K. The Call for Papers has already been announced, to submit a paper please go to www.ppsa-online.com/semnar.

As well as these events, our association has developed online Pig launcher/receiver simulators which are available at www.ppsa-online.com/pig-launcher-simulators. These shall support both pipeline operators and PPSA members in their efforts to inform staff, especially those without prior exposure to our industry. However, these do not replace hands-on training though, as

they follow a much simpler process than would take place in the field.

Finally, let's review the recent increase in oil price and the opportunities it will create for us as PPSA members: Over the past few years, the increased focus on more efficient operations and asset lifetime extension, combined with the growing public and regulatory trend towards 'zero incidents', have significantly changed our industry. To reach these goals, the industry will have to make better use of the 'big data' that we generate through our pigging products and services. This will require a closer cooperation between all parties involved, including regulatory bodies, to drive acceptance and utilization of new technologies such as Artificial Intelligence (AI) in our industry to the benefit of us all: pipeline operators, PPSA members and the public. ●

NEW Members

Full

Dtaic Inspection Equipment Co., Ltd P. R. China

EnviroCal, Inc, USA

Morken SA, Argentina

Pipeline Equipment, Inc, USA

Sofield Analytic Pipe Asia SDN BHD, Malaysia

Associate

Galaxy Brushes, USA

Individual

Anssi Lehtikainen, Finland

3X Engineering's client carries out emergency repair in Indonesia

The objective of the Emergency Pipe Repair Solution (EPRS), performed in early 2017 by 3X ENGINEERING'S (3X) client, was to stop an on-line gas leakage located at one of the bends of a 6" subsea line at a depth of 30m in Indonesia. As per the technical training received by the client a few months earlier from 3X Specialist and thanks to their safety stock located on-board, they were able to successfully install the STOPKiT® Offshore by themselves. This emergency repair was conducted in-house within the hour, without any subcontractors and heavy subsea logistics.

After inspection, it was decided to stop the leakage of the 6" subsea gas line. As per their EPRS procedures, the client picked one of their several STOPKiT® Offshore available on the platform (no procurement delay - immediate solution available).

The repair was performed as follows:

- Position the STOPKiT® Offshore next to the leak using the STOPKiT® Positioner device and tighten softly to let a free sliding capacity.
- Slide the STOPKiT® Offshore over the leak. Rubber patch will be perfectly centred on the leak thanks to the STOPKiT® Positioner device.
- Tighten alternatively the right screw and the left screw to keep the two bars parallel. Repeat until torque reaches 40 Nm for both screws.

The leak was rapidly stopped despite the challenging bend location. This proves the capabilities of 3X's STOPKiT® to efficiently control on-line leakage. This solution is only temporary. It allows you to fix the emergency and schedule peacefully for permanent repairs in the upcoming weeks or months.



STOPKiT® successfully installed on the bend

PPSA/PRCI host pull through demonstration for young pipeliners

The Piggings Products and Services Association (PPSA) and the Pipeline Research Council International (PRCI) hosted a pull through ILI demonstration for Young Pipeline Professionals at the PRCI's Technology Development Center (TDC) in Houston, USA.

Over 65 Young Pipeline Professionals, many of whom are members of the YPP (USA) were given a tour of the test loop facility, followed by a demonstration of a T.D. Williamson (TDW) Multiple Dataset (MDS) ILI tool being pulled through a 12 inch diameter pipeline. Prior to the live pull test, Jason Matocha of TDW provided an overview of the MDS platform. Data was recorded showing where anomalies, such as metal loss, dents and others, are located within the test string.

The young pipeliners were then treated to an informal BBQ (cooked by TDW staff) and networking with PPSA members, who offered their expertise and general advice about the pigging industry. The exhibitors included Enduro Pipeline Services, Entegra, Halfwave AS, Halliburton, Inline Services, ROSEN Group, and T.D. Williamson. Following the BBQ, Adrian Belanger of TDW showed the group how to analyse and interpret MFL data. The young pipeliners showed great enthusiasm asking lots of questions about the inspection data analysis.

Thank you to Chuck Harris of TDW for organizing the event and to the PPSA member companies that supported this great investment in the next generation of leaders. Also a very special thank you to Hans Deeb and PRCI for their partnership and hosting at the TDC. The event is part of PPSA's ongoing commitment to encouraging more young people to get involved in the pigging industry. This year PPSA also sponsored the YPP USA's Symposium and the Oklahoma State University Institute of Technology's Pipeline Integrity Program's graduation luncheon.

More information is available about PPSA at www.ppsa-online.com and PRCI at <https://www.prci.org/>. For more information about YPP (USA) see their website at <http://yppusa.org/>.

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