



THE IPLOCA NEWSLETTER

SEPTEMBER 2017

2016 HSE STATISTICS
REPORT INCLUDED



Annual Convention - Mexico City

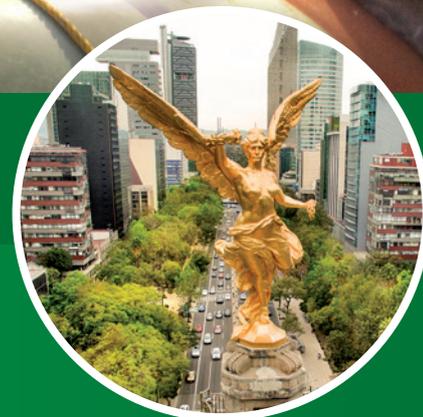
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BENDING HISTORY



This is what experience looks like

POWER: The Maats bending machine program ranges from 16 to 60 inch. The robust and reliable Maats bending machines have the capacity to bend pipes up to 1 inch wall thickness x100 of the maximum loadable pipe-size. The Maats bending machines are the strongest available in the market.

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IPLOCA Mission

To provide value to members through a forum for sharing ideas, engaging the industry and its stakeholders, facilitating business opportunities and promoting the highest standards in the pipeline industry.

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IPLOCA Yearbook

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Letter from the President

We are fast approaching our annual convention in Mexico City and I look forward to interacting with many of you during the week. We have an exciting cultural and business programme ahead of us and we are particularly pleased with the line-up of speakers for the Open General Meetings.

An update on the presentations to be made during our business sessions and the list of our convention sponsors can be found on pages 16 and 17.

On Thursday 28 September we will be holding election meetings for 11 vacant seats on the Board of Directors. We encourage all our members to attend these election meetings and show your support to the nominated candidates. All eligible applications received are posted on our website.

Information on the awards to be presented in Mexico City is provided on page 18. High quality submissions were received for the IPLOCA Health and Safety Award sponsored by Chevron, the IPLOCA Corporate Social Responsibility Award sponsored by Total and the IPLOCA New Technologies Award sponsored by BP.

We are also proud to announce the recipients of the 2017 IPLOCA Scholarships who have been selected from 194 applications received.

After the convention, IPLOCA's calendar continues to be busy. The HSE Committee is organising a Safety Workshop on 24 October in Geneva, focusing on "Humans and Machines: the Hidden Hazards", which will be immediately followed by the Novel Construction Initiative sessions on 25 and 26 October. All pipeliners are encouraged to attend both these important events.

Since the submission of both H&S and environmental statistics is now a requirement for all Regular Members, this year the two reports have been combined into a single one, which you will find as an attachment to this newsletter.

I would like to thank my fellow board members, the membership and friends of IPLOCA for their ongoing support and commitment to our association that I have witnessed during my presidential year.

Rubén Kuri

IPLOCA President 2016-2017

News from Geneva

New IPLOCA Treasurer



The Board has appointed Adam Wynne Hughes of Pipeline Induction Heat, as IPLOCA Treasurer following the resignation of Bohlen & Doyen, represented on the IPLOCA Board by Jan Koop.

The Secretariat welcomes Adam to his new role and gives special thanks to Jan for his contribution to the association.

Adam will be presenting the Treasurer's Report at the Annual General Meeting this year in Mexico City.



IPLOCA and LinkedIn

Don't forget to "Follow" IPLOCA on LinkedIn, or "Like" our posts and/or "Share" them on www.linkedin.com. We already have more than 200 followers...help us reach 500 or more by the end of the year!

IPLOCA Scholarship Programme



For the second year of its Scholarship Programme, IPLOCA gave 20 scholarships valuing a total of USD 90,000 to help the next generation pursue their chosen field of

study. Scholarships are offered each year for full-time tertiary education at an accredited institution of the student's choice.

The recipients of the 2017 scholarships are featured on page 22 of this newsletter.

The Scholarship Committee would like to continue to build the scholarship programme, for the benefit of all members, to assist children and grandchildren of employees of member companies who plan to continue

their education in college, university, or vocational school programmes. The Committee is therefore exploring future sources of funding and welcomes any ideas from member companies. Member representatives attending the convention in Mexico City will have the opportunity to exchange directly with members of the Scholarship Committee at a special scholarship desk situated in the convention registration area.

Please note the application submission deadline for 2018 is 28 February.

For more information on the eligibility requirements and electronic versions of the flyer in different languages, please visit www.iploca.com/scholarship. Applications must be made online at www.scholarsapply.org/iploca and registration is available as of October 2017.

World Federation of Pipe Line Industry Associations



The World Federation of Pipe Line Industry Associations (WFPIA) is pleased to announce that IMCA (the International Marine Contractors Association) has newly joined the Federation (effective as of August 2017).

IMCA aims to improve performance in the marine contracting industry worldwide. Its members are offshore, marine and underwater engineering contractors and their partners in the offshore oil, gas and renewable energy industries. To find out more about IMCA, visit www.imca-int.com.

The Federation groups together all associations related in one way or another with the onshore and offshore construction of international and regional oil, gas, water and slurry pipelines.

Members of the Federation work together to promote safety, protection of the environment and foster and develop the science and practice of the construction of pipelines.

They also share and exchange information for the benefit of the industry as a whole.



Board Meeting Update

Hamburg, June 2017

The June Board of Directors meeting was held in Hamburg, a major port and the second largest city of Germany.

The main points of discussion follow:

HSE Committee

As at the date of the board meeting, 94% of statistics returns had been received. Once again the committee voiced their concern at the number of fatalities (11 had been reported in 2016), which is still too high considering one of the 2020 KPI objectives is zero fatalities. There is still a lot of room for improvement with regards to the TRIR, which is at 2.3 and the target for 2020 is less than one.

The H&S training rate is currently half of what is being targeted. It was agreed that the training objective should include internal and external training objectives, since a lot of companies seem to only record external training.

In total, 13 entries were received for the H&S Award and 8 entries for the Corporate Social Responsibility Award; both awards will be presented at the convention in Mexico City.

It was reported that about 130 documents had been uploaded onto the H&S Shared Experiences platform. Targets have been set by the committee as follows: to reach a total of 250 documents in 2017 and 500 by 2018. All members are encouraged to subscribe to the notification service which is free of charge.

The next H&S Workshop will take place on 24 October and will focus on "Humans and Machines – the Hidden Hazards". A webcast will be organised for the first time for those unable to be present at the event in Geneva. The Novel Construction sessions will be held from 25 to 26 October, immediately following the workshop.

Client Engagement Committee

The Committee was pleased to confirm that a total of 14 oil & gas owners and/or operators had joined the association as Corresponding Members (including three that were to be confirmed at the board meeting). These include: BP, Chevron Pipe Line Company, ExxonMobil, Eni Gas Transport Services Srl, Gasunie, GRTgaz, Origin Energy, Petronas, Shell, Saudi Aramco, Snam Rete Gas S.p.A., Total E&P Italia, Trans Adriatic Pipeline (TAP) and TransCanada Mexico.

New Technologies Committee

The Novel Construction Initiative Spring session was well attended, with over 70 participants and a particularly good representation from Associate Members. The Chairman of the New Technologies Committee once again encouraged more representatives from Regular and Corresponding Members to attend.

"The Road to Success" working groups continue their work on formatting the chapters of the mobile app version. The idea of including offshore content in "The Road to Success" was discussed and it was agreed to start slowly introducing offshore sections to the book, as and when the resources and material are available.

Seven submissions were received for the New Technologies Award to be presented in Mexico City.

Scholarship Committee

A total of 194 applications were received by Scholarship Management Services, who administer the scholarship programme on behalf of IPLOCA. The final number of eligible, completed applications was 139, from which 20 scholarship recipients were selected, after they were ranked and allocated to specific categories. The Committee said the goal would be to receive a greater number of completed applications in the future and that they would work on trying to attract more candidates from outside the U.S.A.

It was highlighted that this programme is open to all eligible students planning to enroll in full-time undergraduate level study, which does not necessarily need to be at a university, but can also be at a vocational, technical or trade school.

Future funding ideas were discussed and it was decided to collect ideas from the membership during the convention in Mexico City, via a dedicated Scholarship Programme information desk.

Treasurer's Report

The final audited report for 2016 was presented to the Board and the financial statements were confirmed to be in compliance with Swiss law and the IPLOCA By-laws. The Treasurer commented that compared to 2015 there had been a significant accounting loss due to currency exchange rate fluctuations. The annual budget for 2017 was approved and included a forecasted loss of income due to resignations and non-payment of membership dues.

Membership

At the time of the board meeting, the total number of members stood at 253 (of which 102 were Regular Members, 134 Associate Members, 11 Corresponding Members, 4 Academic Members and 2 Honorary Members).

The following applications were approved for membership:

- **Chevron Pipe Line Company**, U.S.A. (Corresponding Member)
- **Origin Energy**, Australia (Corresponding Member)
- **Petronas**, Malaysia (Corresponding Member)

The following name change requests were received and accepted:

- China Petroleum Pipeline Bureau to **China Petroleum Pipeline Engineering Co., Ltd.**
- SapuraKencana TL Offshore Sdn. Bhd. to **Sapura Offshore Sdn. Bhd.**
- Stroytransgaz CJSC to **Joint-Stock Company StroyTransNefteGaz (STNG JSC)**
- TESI S.r.l. to **TESI S.p.A.**

It was noted that a clear message needs to be sent to the industry that IPLOCA is an association with an international reach, and encompasses companies from different countries that work domestically and/or internationally; companies who work only in their own country can become members of IPLOCA.

Elections

The list of Board of Directors seats that will become vacant in September were reviewed. Candidates were requested to send in their applications by 24 July, and all eligible

candidatures to be posted on the IPLOCA website. More information concerning the elections to the Board can be found on page 24.

Mexico City Convention

The final, confirmed list of eight speakers was presented to the Board. It was decided to incorporate an additional speaker into the Open General Meetings programme specifically for Mexico City, since the CEO of Pemex had agreed to give his perspective on the implications of the Mexican Energy Reform. A certain number of sponsorship slots were still available and directors were asked to see if they were aware of any members who may be interested in sponsoring.

Regional Meetings

Mesut Sahin of MMEC Mannesmann gave a very positive report on the Regional Meeting that took place in Berlin, Germany on 2 May, in conjunction with the 12th Pipeline Technology Conference. An article was published in the June IPLOCA Newsletter. He recommended continuing to organise regional meetings every two years in each region, and if possible in conjunction with another industry event. A Regional Meeting is planned to take place in Australia, probably in May 2018 and possibly to coincide with an APGA event.

Changes to the By-laws

In addition to the By-laws changes agreed by the Board at their meeting in Toronto in March 2017, two further changes were presented and approved by the Board: clarification that a joining fee is added to the membership fee for the year that a company's application is confirmed by the Board, and a clause has also been added stating that annual dues are payable on 1 January, unless a notification of resignation is received in writing 15 days prior to the previous year's end. The membership will be asked to approve all the proposed By-laws changes at the AGM in Mexico City, on 29 September.

Honorary Members Nominated

Two nominations were received for honorary membership: Guus (Gus) Meijer, previously with CRC-Evans and E.R. (Butch) Graham, Ritchie Bros Auctioneers; both of which were supported, as per the By-laws, by five Regular Members, and both received a majority vote of the Board Directors by secret ballot.

Media Partner

An extension of two years was granted to the Media Partner agreement with Great Southern Press (for Pipelines International), to bring their contract in line with the agreements of the other IPLOCA Media Partners.

Membership Centre

New Honorary Members

One of the highest honours that IPLOCA is able to bestow on any individual is that of Honorary Member. In order to receive this honour a person must have performed distinguished services to the onshore or offshore oil & gas industry and/or to the association.

In recognition of their significant involvement in and contribution to IPLOCA over many years, E.R. Butch Graham, Sr Auctioneer/Pipeline & Energy Consultant with Ritchie Bros Auctioneers and Gus Meijer, retired VP of International Sales at CRC-Evans, were granted honorary membership by the 2016/2017 Board of Directors at their June meeting, under the presidency of Rubén Kuri (Arendal).

Representing their respective companies, both Butch and Gus have travelled the globe in support of the values of being an IPLOCA member and have served on a number of boards. They have both left their own personal mark on the Annual Convention.



Butch received several keys early on in life to unlock his 40 year career: being born in the heart of the oil country in an auction marketing family and attending auctioneering school. After selling the first pipelayer of his life in 1979, he became hooked on selling construction equipment.

Butch started with Ritchie Bros Auctioneers in 1985 and has never looked back! Encouraged by Mike Thiele of Bechtel and Keith Phillips of Willbros, he attended his first IPLOCA Convention in Munich, Germany in 1990. He then acted as Final Banquet Master of Ceremonies, from 2004 through to the 50th Anniversary Convention in Paris in 2016, bringing a blend of class and warmth that made each of these events special. He also helped raise thousands of dollars for worthy charities as host of these events.

One Board Director summarised, "Butch has been consistent in his promotion of IPLOCA and the benefits IPLOCA provides to our industry. As a regular and visible attendee of conventions and volunteering time on the IPLOCA Board of Directors, he has made our industry and our association stronger."

Butch has been married to Bonnie for 47 years and they have three daughters and eight grandchildren. In Butch's own words: "This wonderful and humbling honour that you have bestowed on me belongs as much to Bonnie as to me."



Gus is well known within the association as he has been involved in IPLOCA for so many years. He has so many stories to tell....and is proud to have met every one of IPLOCA's 11 other honorary members!

Gus joined CRC Pipeline Equipment in 1971 as Sales Director Eastern Europe and continued to work with CRC-Evans Pipeline Equipment until 2010. He attended his first IPLOCA Convention in Montreux, Switzerland in 1977, and together with his wife, Lies, he has attended a total of 43 conventions.

From 1978 to 2010, Gus organised the CRC-Evans luncheons at the Convention, and many of the traditions he put in place, such as offering a personalised drawing to each out-going IPLOCA president, continue to be followed by his successors. Gus was instrumental in creating the 50th Anniversary book, which shows the evolution of the association and honours the work of IPLOCA's presidents, boards and executive secretaries. From 1978 to 1990 Gus was four times Sponsor Representative and served for 10 years as Associate Director on the IPLOCA Board. As such he attended a substantial number of Board meetings around the globe.

Gus has been married to Lies for 49 years; they have two sons, one daughter and three grand-daughters.

New Associate Member



Brown Rudnick represents clients from around the world in complex business transactions, high-stakes litigation and arbitration proceedings.

The firm is a global boutique with offices in the U.S.A. and Europe; its multi-lingual lawyers are talented and dynamic problem-solvers.

Brown Rudnick has worked with engineering and construction companies and the pipeline industry for a number of years in relation to projects in Europe, Asia, Africa, the Middle East & the Americas.

Their experienced advocates are recognised for their excellence in conducting proceedings in English, French and Spanish. Several of them are English qualified barristers, French qualified 'Avocats à la Cour' or dual-qualified in the U.S and other jurisdictions.

The firm excels in conducting complex & multi-jurisdictional proceedings, including insolvency and restructuring and white collar criminal investigations.

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New Corresponding Members



Transportation is an essential part of Chevron's operations. **Chevron Pipe Line Company** and **Chevron Shipping Company** manage safe, reliable, flexible and efficient systems that deliver energy to customers around the globe.

Chevron operates and invests in an interconnected system to deliver all of its products to their final destinations.

In North America, Chevron Pipe Line Company serves the petroleum and petrochemical industries with facilities and pipelines that transport crude oil, natural gas, refined petroleum products, liquefied petroleum gas, natural gas and chemicals.

Chevron has pipeline interests around the world that are operated by its international partners.

In April 2017, the American Petroleum Institute (API) honoured Chevron Pipe Line Company with its 2016 Distinguished Safety and Environmental Award for large operators, the organisation's highest safety and environmental performance award for pipeline operators.

Chevron Pipe Line Company

4800 Fournace Place, 722C
Bellaire, TX 77401
U.S.A.
www.chevron.com



PETRONAS

Petroliaam Nasional Berhad (PETRONAS)

is Malaysia's fully integrated oil and gas multinational, wholly-owned by the Malaysian Government.

Established in 1974, PETRONAS is now ranked amongst the largest companies in the world with a proven track record in integrated oil and gas operations spanning the entire hydrocarbon value chain.

PETRONAS' business activities include:

- the exploration, development and production of crude oil and natural gas in Malaysia and overseas
- the liquefaction, sale and transportation of Liquefied Natural Gas (LNG)
- the processing and transmission of natural gas and the sale of natural gas products
- the refining and marketing of petroleum products
- the manufacture and sale of petrochemical products
- the trading of crude oil, petroleum, gas and LNG and petrochemical products
- the shipping and logistics related to LNG, crude oil and petroleum products.

Committed to ensuring business sustainability, PETRONAS also strives to responsibly manage natural resources in a way that contributes holistically to the well-being of society wherever it operates.

PETRONAS

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Member News

Goriziane Group Equipping Pipelaying Vessel in China

Goriziane Group S.p.A. is pleased to announce that the first pipe laying vessel of Yantai Salvage Bureau, built at the ZPMC shipyards in China, will be entirely equipped by machines and systems manufactured by Goriziane Group. Goriziane Group is the first company in the world to manufacture a stinger vessel of 105 metres, specifically at the shipyard in Yantai, in the northeastern Shandong Province. The vessel will be equipped with a pipe handling system – firing line and rollers; the stinger and the stinger handling system; the variable length linkage; the firing line umbilical management system “ASPO”, and on completion, Goriziane Group will also supply the vessel with the welding equipment for double joints including the pipe induction heating coils.



The sea trials of the vessel have already been initiated. Goriziane will start with the commissioning of its equipment from the pipe handling system in September, whereas the stinger will be the last part to be commissioned. The vessel is expected to be delivered to the end user, fully equipped and functioning, by the beginning of 2018. This will be a very special gift for the 70th anniversary of Goriziane Group, a family company founded in 1948 by Antonio and Maria Zanin, who are parents and grandparents of the family team running the company today, together with a closely-knit, specialised team of experts and skilled workers.

Tesmec Trenchers Fleet at Work for the Val de Saône Gas Pipeline

The EUR 744M worth gas pipeline project of GRTgaz – VAL de Saône consists of a 1.20m diameter pipeline, 188 km long connecting Etrez (Ain) and Voisines (Haute Marne) in France. This two-year project started at the beginning of this year and is divided into different lots: 44 km involve



Spiecapag and A.Hak, 66 km concern Streicher and PPS, and 75 km involve SPAC and Denys. After the right-of-way (ROW) cleaning and the land recovery, the company Bertet Sarl is in charge of opening the 1.8m wide and 2.7m to 3m deep trench in the Spiecapag section with a fleet of 3 Tesmec trenchers and 1 Tesmec surface miner.

The Tesmec equipment will be used for ROW leveling over a width of 2.50m by an 1150 Rock Hawg; a pilot trench pre-cut at full depth by two 1475 chainsaws, 0.82m and 1.05m wide, and a full width and depth trench excavation by a 1675 EVO chainsaw, 1.80m wide. With its new flywheel gearbox which makes lower cutting speed and increased chain pull possible, the 1675 EVO chainsaw trencher is unveiling an unprecedented performance: 40-60 m/h average with pilot trench in marly limestone (UCS approx. 30-50 MPa), and very low teeth consumption (0,6 teeth/h).

Denso Protal Used on Field Joint Coatings in Australia

Denso Australia was contracted by Spiecapag Lucas JV (SCL) for the use of their Protal™ 7200 high build epoxy for field joint coatings and mainline repairs on the now completed APA Group's Victorian Northern Interconnect Expansion (VNIE) Pipeline Project. The pipeline, made up of 16 and 18 2LFBE coated mainline steel pipe, spans the states of Victoria and New South Wales (NSW) and was constructed over a period of three and a half years in three stages. Stages one and two of the pipeline loopings were constructed by other contractors. The final stage, loops six to nine, was awarded to SCL in late 2015 and saw more than 162km of pipework laid in place. More than 8,000 mainline field joints were coated with Denso Protal 7200.

The high performance, high build epoxy coating system was spray applied using three purpose-built coating rigs with manual kits supplied for tie-ins and repair cartridges for any repairs that were needed. In total, more than 25,000 litres of



Protal 7200 was administered during the final stage of the VNIE project. The work by SCL was carried out over a 15-month period during some particularly adverse weather conditions that saw record-breaking levels of rainfall across Northern Victoria and Southern NSW; all of which failed to prevent the successful completion of the project. With the VNIE pipeline added to the list of previously completed pipeline projects by SCL and Denso Australia, nearly 60,000 litres of Protal 7200 has been applied within a 36-month period.

Euro Pipeline Performer Pipelayers: New Developments Regarding Safety

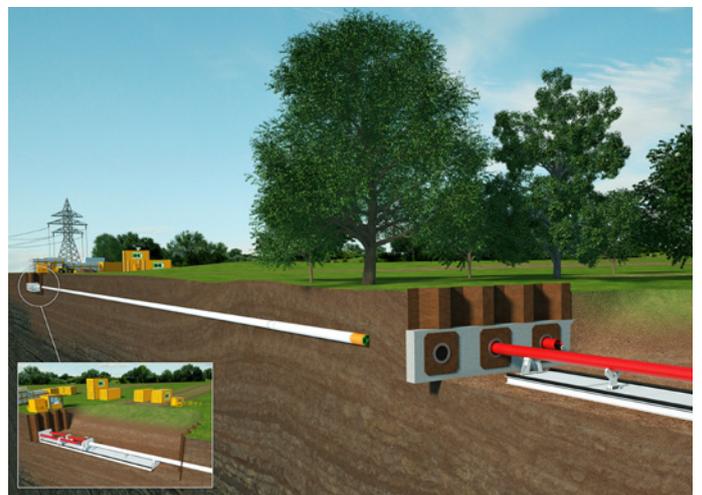
For the Performer GPL 980, Euro Pipeline Equipment has installed the new Backsense Barrier Observation Radar System, which warns of the presence of obstacles in a variable area between 3 and 30 m in length and between 2 and 10 m in width and acts as an anti-collision system. Two radars have been installed: one at the front and one at the rear, both in the top version of the programmable range, which also allows fixed objects or bodywork parts to be excluded. The Backsense Barrier Observation Radar System sensor is solid, resistant to vibration and high/low temperatures as well as waterproof and resistant to smoke, sand, dust and mud; it connects to a display situated in the



cabin, which is easy to read, with five LEDs corresponding to the five zones around the vehicle. The system also provides acoustic warning, with an adjustable buzzer of 65 to 90 dB, to be heard in noisy environments.

The Performer 700, the lighter 70-ton version, will soon be ready and, to further enhance the safety and visibility aspect, tests of the 360-degree vision system (Backeye 360 Select) are taking place on the prototype. It consists of four cameras that, due to an intelligent software, reproduce each of the footage in the monitor, bringing them together in a single image with a view from the top of the machine, resetting the blind angles.

Herrenknecht Wins Environmental Technology Award for Innovative E-Power Pipe® Method



Together with grid operator Amprion and RWTH Aachen, tunnel specialist Herrenknecht has developed the innovative E-Power Pipe® microtunnelling technology. The project receives funding from the German Federal Ministry of Economics and Energy. The new method combines proven drilling technologies and systematically develops them further so that in future underground cables can be laid trenchlessly over long distances of up to 1,500 metres at shallow depths of two to four metres and with minimal intervention in the landscape.

For this almost fully automated drilling technology Herrenknecht has been awarded the Baden-Württemberg Environmental Technology Award in July 2017. The new method has numerous advantages over open-cut construction: since E-Power Pipe® significantly reduces surface interventions, in future longer sections will also be able to be laid in this small diameter range without open trenches. Earthworks are only necessary in the vicinity of cable connection points. Impacts on people and the environment are thus kept as low as possible, so that acceptance of the necessary alignments is increased.

Fluor Selects Bruce Stanski as New Chief Financial Officer

Fluor announced that Bruce Stanski has been appointed as Fluor's chief financial officer (CFO) effective 4 August 2017, replacing Biggs Porter, whose retirement was previously announced in March. Bruce Stanski has served as the president of Fluor's Government Group since March 2009, and under his leadership, has substantially grown Fluor's business in the sale and delivery of value-added services to government agencies including the United States Departments of Defense, Energy, State and Homeland Security, as well as the United Kingdom's Nuclear Decommissioning Authority.

ISCO Industries Provides Pipe and Fusion Machine in Drought-Ridden California



Catastrophic drought conditions in California opened an opportunity for ISCO Industries to provide not only pipe, but the McElroy Talon™ 2000, a first-of-its-kind fusion machine, for an irrigation project. Baker Farming needed a reliable pipeline to replace a failing 48" steel pipe that had been in the ground for 17 years. It had developed leaks and corrosion and was wasting water in a drought-ridden state. Baker hired Rain for Rent to construct the line. When considering material for the project, the priority was eliminating leaks while protecting against corrosion.

High-density polyethylene (HDPE) pipe was selected because of its proven durability and corrosion resistance. Rain for Rent turned to long-time partner ISCO Industries to supply 13,000 ft of 54" DR17 pipe and various 8" to 18" sidewall connections. The design called for the pipe to be laid out in a straight line for about two and a half miles. ISCO presented the idea of using the Talon™ 2000, a self-propelled, tracked vehicle designed for pipelining — an innovative approach to fusing large-diameter pipe. The Talon 2000 has the ability to lift pipe from the ground with its powerful jaws, align it within the machine, fuse it and

move from joint to joint down the pipeline — from one end of the job to the other. By using the Talon 2000, less heavy equipment and manpower was needed on the job.

Challenging New Contracts for ILF Consulting Engineers

TAPI Pipeline Company Ltd. signed a FEED and PMC contract with ILF Germany for the Afghanistan and Pakistan sections of the 'Turkmenistan-Afghanistan-Pakistan-India Gas Pipeline'. Once completed, the 1,814 km TAPI pipeline will export 33 million m³/a of gas from the Galkynysh gas. A large proportion of the pipeline route, particularly in Afghanistan and Western Pakistan, lies in very challenging mountainous regions (max. elevation 2,640 m).

ILF Chile has been awarded two new contracts for water supply systems for the Chilean mines. The mining industry has a new challenge, namely to supply process water to their mine sites located in the very dry North. Several seawater desalination and water pipeline projects have been developed in the past years. Lately, the industry is seeking private investors to build, own, operate and transfer (BOOT) the water production plants and pipelines. Two big projects are presently under development in Chile under this scheme: a desalination plant with a 153 km 36" steel pipeline for the Spence Mine of BHP, and a desalination plant with 160 km 48" steel pipeline for the Codelco mines near Calama. While ILF supports one bidder group to optimise the BOOT offer for the Spence project, ILF is the technical consultant of Codelco (off-taker).

Contracts Awarded to Kalpataru Power Transmission Limited (KPTL) in India

KPTL has been awarded the contract for two sections of the Kochi-Kootanad-Bangalore-Mangalore Pipeline Project (KKBMPL) by GAIL India Ltd. The specific sections are section IIB & section IIIA passing through the southern Indian state of Kerala. With a total project value of about USD 30M, the scope of work covers engineering, procurement & supply, installation, testing, pre-commissioning, drying and commissioning of the pipeline and other associated works. The cumulative pipeline length of both the sections is approximately 131 km x 24" and is expected to be completed by 2018.

KPTL has also been awarded the prestigious Kunchanapalle - Ramagundam Pipeline Project (KRPL) from GSPL India Transco Limited, an amalgamation of GSPL, HPCL, BPCL and IOCL. The 363 km x 18" pipeline passes through the states of Andhra Pradesh and Telangana in southern India. The contract carries a value of approximately USD 105M

and involves the design & engineering, procurement & supply of all materials including line pipe, valves etc., installation & testing, caliper & intelligent pigging, pre-commissioning, commissioning and operation for acceptance for the complete pipeline system including PIMS and other associated works. Work has commenced and the project is expected to be completed in 2018.

Laurini Officine Meccaniche Presents New Sizes of Vulcano

Meeting the needs of the customer is a key element of the modus operandi of Laurini Officine Meccaniche. It is what prompted the company to launch new sizes of its bestselling machine - Vulcano 2.0 - a self-propelled and radio-controlled vibrating screen on a tracked vehicle. Vulcano Smart and Vulcano XXL are the new models and the range is now complete. Compact and portable without special permits, given the shipping width of 2.5 m and weight of 21,000 kg, Vulcano Smart is ideal for small and medium construction sites, guaranteeing a production volume up to 200 m³/hour, attributable to the Caterpillar C4.4 143 cv engine.



The imposing Vulcano XXL offers greater performance in terms of production up to 320 m³/hour. It is perfect for large products, with a shipping width of 3.5 m, weight of 30,000 kg and use of a Caterpillar C7.1 225 cv engine. The three versions are developed to meet the heterogeneous needs of worksites: three extremely versatile machines, suitable for many types of terrain and adequate for multiple track configurations.

Pipeline Induction Heat Ltd. (PIH) – Kaombo IMPP Field Joint Coating in Production

PIH Sucusal de Angola, a branch of PIH has successfully completed the start of their 2017 IMPP campaign in Port Ambrin, Republic of Angola. In 2015 PIH was awarded the IMPP field joint coating subcontract for the Total Kaombo project by Heerema Marine Contractors. The project consists



of multiple scopes of IMPP Field Joint Coating including both onshore and offshore works on pipelines and spools. PIH designed and built five bespoke sets of IMPP equipment, two bespoke Raptor™ heat coat machines and two bespoke blast machines within a twelve month period. A very close working relationship with Heerema was key to the success of the equipment build in order to coat the largest IMPP field joint in the world at 345 litres per joint.

Using 4 inverters and independently controlled coils PIH's Patented Raptor™ technology was used to powder coat the 1.4 m long field joint which incorporated a bare J-Lay collar. Once powder coating was complete the 18 tonnes of IMPP equipment was moved into place to allow the insulation coating to be applied. All of the equipment was linked to the Balders' computerised control system ensuring no clashes could occur in the station to maintain the high level of health and safety. Total, Heerema and PIH demand on projects. Almost two years on from the award, PIH is now in production on site in Angola carrying out IMPP coating on the spools and jumpers using mobile IMPP equipment and will shortly be starting the offshore J-Lay campaign.

Primoris Services Corporation Completes Pipeline Through Florida

A 200-mile joint venture pipeline project through Florida was constructed by a subsidiary of Primoris Services Corporation for NextEra Energy and its partners, and consisted of 66.2 miles of 36" mainline that ran from Wildwood, FL, to Loughman, FL. The project, which also included the Hunters Creek Lateral of 13.1 miles of 36" pipeline that began in Loughman, FL, and terminates near Kissimmee, FL, recently achieved substantial completion. The mainline/lateral are both currently operational with only a small amount of work to be completed later this year, when crews return to remove environmental control devices. The Primoris Services subsidiary also achieved provisional acceptance on another Florida pipeline project



for NextEra Energy. The project started at the Central Florida Hub Compressor Station near Intercession City, FL, and terminated at the FSC Martin M&R Station near Indiantown, FL. This project consisted of 77.1 miles of 36" and 49 miles of 30" pipeline. The 36" and 30", along with the Martin M&R Station, are now in service and operational. A small environmental crew will return in the fourth quarter of 2017.

Punj Lloyd Closed on its Largest EPCC Pipeline Project

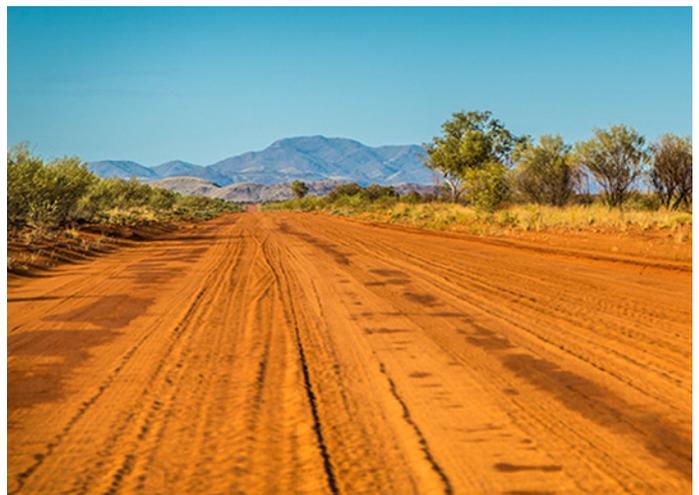
July this year saw Punj Lloyd achieve financial closure of its largest EPCC Pipeline Project and one of Malaysia's largest gas pipelines. Undulating mountains, dense rainforests and unrelenting weather did not deter the company from completing the pipeline. Worth USD 822 million, the contract for the construction of the 512 km, 36" pipeline was awarded to Punj Lloyd by Petronas for transporting gas from the Sabah Oil and Gas Terminal to the Petronas LNG Complex at Bintulu, Sarawak. The pipeline construction involved as many as 3000 crossings including eight major and 1,711 minor river crossings, 29 major road crossings, 1157 minor road crossings, 17 thrust boring and 24 horizontal directional drilling crossings. The Horizontal Directional Drilling was performed in deep valleys and the



thrust boring in swamp areas. In the course of laying the pipeline, the company engaged with nine different tribes along the route.

Spiecapag Australia: New Project, New Client

Spiecapag Australia has been selected by Jemena to build the Queensland section of the Northern Gas Pipeline. This is Spiecapag's inaugural project with Jemena, a major infrastructure owner & developer in Australia. In November 2015, the Northern Territory Government awarded Jemena the right to construct and operate the 623km Northern Gas Pipeline and associated infrastructure (NGP) between Tennant Creek in the Northern Territory and Mont Isa in Queensland.



Spiecapag Australia's scope of work incorporates 142km of high pressure 12' steel gas line and associated facility works. The project is an integral part of Jemena's Northern strategy and presents many challenges due to the large number of affected stakeholders, cultural heritage and environmental constraints, and the aggressive programme objectives. Mobilisation commenced late June 2017 and full scale construction started in August 2017 for a scheduled completion of the project by July 2018.

MMEC Mannesmann Presented their Change Programme in Mannheim, Germany

Last year, the medium-sized EPC and engineering services company, MMEC Mannesmann, emerged from the German subsidiary of the major engineering contractor Technip. In less than a year, MMEC Mannesmann has successfully implemented a change process to increase efficiency and competitiveness for achieving the company's business objectives.

Following key note speakers' presentations at the Engineering Summit in Germany, MMEC Mannesmann's CEO reiterated that when a company goes through a

transformation process, all employees are affected by the change management process and therefore timely and continuous communications are required. In his presentation at the summit, he summarised the success factors for implementing a major change in his organisation smoothly. Employees at all levels were encouraged and were eligible to join different working groups to design the change process. Transparent communication from the first day was paramount and also motivating MMEC's team to make the implementation of the changes successful.

Vermeer Reclaiming Drilling Fluid

Drilling fluid management is a continually evolving process with numerous contingency costs involved. In areas with high dump fees, long distances to and from the dumpsite, highly regulated areas or areas where water is scarce, having a reclaiming system may be beneficial in the long run. A reclaimer will help improve jobsite productivity and reduce the amount of fluid needed on a job by removing solids and recycling the fluid.



There are several features on reclaimers that can help make an operation more productive. The latest Vermeer reclaimer technology features a recycling system built around a balanced elliptical shaker motion. Having this motion helps convey lower-gravity solids throughout the shaker bed which can lead to less screen wear, increased cake dryness and reduce the "regrinding effect" on solids.

Volvo Construction Equipment Machines Being Used on TAP

French based, pipeline contractor Spiecapag is currently using 97 Volvo Construction Equipment machines on the TAP (Trans Adriatic Pipeline). Of the 97 Volvo machines – 34 in Greece and 63 in Albania – 81 are heavy excavators, most of them used for opening the ROW, trenching, rock breaking and backfilling operations, while others power pipe facing

machines to support welding operations. Ten articulated haulers are used mainly for clearing blasted rock and transporting soil on the ROW, with two pipelayers supporting tie-ins; the four larger ones working in the pipe stock yards.



Volvo CE dealers support the project, with Saracakis in Greece providing two full-time mechanics and a Volvo employee acting as the project coordinator, while T-C Equipments in Albania has provided a dedicated team - Service Supervisor, Parts Supervisor and two people providing technical support. Parts are gathered through Spiecapag's depot in Dunkirk, France for onward shipment.

Ritchie Bros. Acquires IronPlanet

Ritchie Bros. Auctioneers completed its acquisition of leading online equipment marketplace IronPlanet at the end of May. This move brings clients the best in onsite unreserved auctions, online weekly auctions, and reserved online marketplaces for selling and buying equipment. The acquisition provides a one-stop shop to buy and sell in a way that best suits clients' needs, along with the combined industry knowledge of more than 2,000 employees, across multiple industries.



Walter Surface Technologies has announced the appointment of Marc-André Aubé as its President and Chief Operating Officer.

Before joining Walter Surface Technologies, Mr. Aubé worked as President and Chief Operating Officer of GardaWorld Protective Services. As a trained engineer holding an MBA and a CFA, Mr. Aubé's professional background features experience in various sectors, such as chemical products (Nalco Canada), oil (Petro-Canada) and finance (Caisse de dépôt et placement du Québec, Scotia Capital Inc.).

Mexico City Convention Preview

Speakers at Open General Meetings - 28 to 29 September



Mexico City Reshapes its Future - An Historic View with a Focus on Water Management

Roberto Escartin,
Historian

Roberto was born and raised in Mexico City. He is a teacher of the certification course at the National School of History and Anthropology (ENAH) and conducts tours and lectures on Mexican culture, architecture and archaeology, guiding business travellers, journalists and travel agency groups from all over the world.



TransCanada Pipelines Projects with a Focus on the Unique Execution Challenges in Mexico

David Pfeiffer, Vice
President, Mexico

Projects, TransCanada Pipelines

David is a Canadian pipeliner with more than 20 years' experience in the execution of onshore and offshore pipeline projects, including working in challenging environments such as Bolivia, Ecuador, Nigeria and Mexico.



United Nations and the Gas Industry: Time for a Strategic Partnership

Torstein Indrebø, Vice
Chair Bureau, Group of
Experts on Gas, United

Nations ECE, Ministry of Petroleum and Energy, Norway

Torstein took on his current role after retiring from Statoil in 2015. He worked from 1980 with Norsk Hydro, holding various leadership positions in Norway and in Belgium. He also served as Secretary General of the International Gas Union from 2007 to 2014.



Global Upstream Trends and the Impact of Sustainable Energy

Jonathan Green,
Managing Director,
Bonmont Energy Sàrl

Jonathan is a business development and competitor intelligence professional with a 35-year career in government advisory, strategy and analysis. He is founding managing director of Bonmont Energy Sàrl, a Swiss-based consultancy specialised in business development, in-depth research and analysis in the energy industry.



Removing Large Offshore Platforms in a Single Lift: "Pioneering Spirit"

Edward Heerema,
President, Allseas

Group S.A.

Edward started his career in the R&D department of his father's company Heerema Engineering Service. He founded Allseas in 1985. In his role as President, he is responsible for the daily management of the Group, strategic and policy planning, maintaining senior client relations and technological development.



The Benefits of Using PE Pipes in Long Lengths: Project Experiences

Ilija Radeljic, Technical
Manager – LLLD

Export, Pipelife Norge AS

Ilija has over 10 years' experience in dealing with plastic pipes on land and marine projects, ranging from multi-billion dollar power plants, sewer outfalls, desalination and waste water treatment plants. He has collaborated closely with recognised experts in the field of plastic pipes for marine applications.



Perspectives for Pemex in the New Mexican Investment Markets

José Antonio González,
CEO, Petróleos
Mexicanos (Pemex)

José Antonio was appointed Chief Executive Officer of Pemex in February 2016. He previously served as Director General of the Mexican Institute of Social Security, and at the Ministry of Finance in Mexico he was Undersecretary of Revenue from 2006 to 2012.



Safety Excellence Leads to Business Performance

Nicolas Brocherieux,
Account Manager and
Principal Consultant,

DuPont de Nemours

Nicolas has 26 years' experience with DuPont de Nemours in Western Europe & North Africa. He is a qualified DuPont HSE, process safety & cultural change lead consultant.



Building and Operating Offshore Infrastructure in Mexico: a New Paradigm

Carlos Morales-Gil,
CEO, PetroBal,

In February 2015, Carlos was appointed CEO of the new Mexican oil company, PetroBal. Previously for 32 years, he held a variety of positions in the state owned oil company, Pemex, including CEO of the Exploration and Production division from 2004 to 2014.

Convention Sponsors

We look forward to seeing many of you at the Camino Real Polanco hotel in Mexico City for our 51st Annual Convention, from 25 to 29 September!



IPLOCA Awards Being Presented at the Convention

Also taking place during the Open General Meetings, the IPLOCA awards for Health & Safety, Corporate Social Responsibility and New Technologies will be presented. These awards are intended to be a source for sharing new ideas while recognising those leading companies that

are always in search of excellence. We thank all members who provided submissions and the winners and runners-up will be profiled on our website after the convention. Information on all other entries is available upon request from sarah.junod@iploca.com.

IPLOCA Health & Safety Award Sponsored by Chevron

The 2017 IPLOCA Health & Safety Award, sponsored by Chevron, recognises initiatives aimed at improving health and safety in the pipeline industry. Entries received:

Bonatti S.p.A.

- The Eagle-Trainer - use of drones to spot hazards

Consolidated Contractors Company (CCC)

- Preview Radar System

Delta Machinery

- Pipe Padder - Nip Point guarding

Dodsall Group

- Robot Road Safety Manager

Kalpataru Power Transmission Limited

- Stop work authority

Ledcor Pipeline Limited

- Accelerating leadership's role in safety

Nippon Steel & Sumikin Engineering Co. Ltd.

- How to counter piracy and terrorism

Saipem S.p.A.

- Sustaining cultural change in an offshore fleet

SICIM S.p.A.

- Pipe transportation

Spiecapag

- Supervisor safety positive

Techint Engineering & Construction

- Risk perception

Tekfen Insaat Ve Tesisat

- Working on steep slopes

Zakhem International Construction Ltd.

- Two Million Man-hour Award

IPLOCA Corporate Social Responsibility Award Sponsored by Total

The 2017 IPLOCA Corporate Responsibility Award, sponsored by Total, recognises initiatives aimed at improving the living conditions of the people in communities local to and impacted by pipeline industry work. Entries received:

Arendal

- Community training centre

Fluor

- Global community project fund

Saipem S.p.A.

- Alegria do Ambriz: an agricultural development and economic empowerment project in Angola

- Women empowerment in Congo: professional training and insertion

- Potential win-win partnership: new entrepreneurs in Kuryk, Kazakhstan

Techint Engineering & Construction

- Integration of native communities

Tekfen Insaat Ve Tesisat

- Contribution for seasonal workers' families

Zakhem International Construction Ltd.

- Community affairs engagement

IPLOCA New Technologies Award Sponsored by BP

The IPLOCA New Technologies Award, sponsored by BP, is presented in recognition of a significant contribution to innovation in the engineering of, the provision of equipment for, and the construction of pipelines. Entries received:

American Augers

- Electric Auger boring machine

Caterpillar

- Going digital with drone solutions

CRC-Evans Pipeline Int., Inc. & LaValley Industries LLC

- Tonghand Exit Side Wrench

Laurini Officine Meccaniche Srl

- LLS - Laurini Laying System

Saipem S.p.A.

- High tensile geogrids for existing buried pipeline crossings

Sicim S.p.A.

- Front Winch Ex-cavator

Spiecapag

- Automated & mechanised field joint coating mobile production unit



New Technologies

Novel Construction Initiative

Fall Session – 25 to 26 October

Crowne Plaza Hotel, Geneva, Switzerland

The mission of the Novel Construction Initiative is to stimulate innovation in the technology and processes required for the execution of pipeline projects, by engaging all contributors to the pipeline construction supply chain.

The agenda for the two-day Novel Construction meeting in October includes new technology presentations on the morning of Wednesday 25 October with the participation of IPLOCA members and invited specialists: Saipem, PLaser, Industrial Laser Applications, LaValley Industries, Dyno Nobel Inc. and AidHub International Ltd.

The range of topics to be covered includes the engineering assessment of temporary wooden line-pipe supports; bridging buried pipelines; laser cleaning; innovation and safety in HDD exit side operations; trench blasting; and dispute avoidance. The programme will then focus on

group work sessions, aimed at continuing to elaborate the content of “The Road to Success” publication, available as a mobile application, and also in pdf format.

The detailed agenda for the meeting can be found on our website at www.iploca.com/novelplenarysession along with other information such as the hotel and meeting reservation forms.

Please note that this meeting takes place immediately after the Health & Safety (H&S) Workshop (see page 21 of this newsletter) and attendance at both events is free of charge. However, registration is required by **Friday, 22 September**. For the first time, IPLOCA will be offering a webcast of the presentations made at the Novel Construction session and the H&S Workshop. More information on this option will be available on our website closer to the dates of the events.

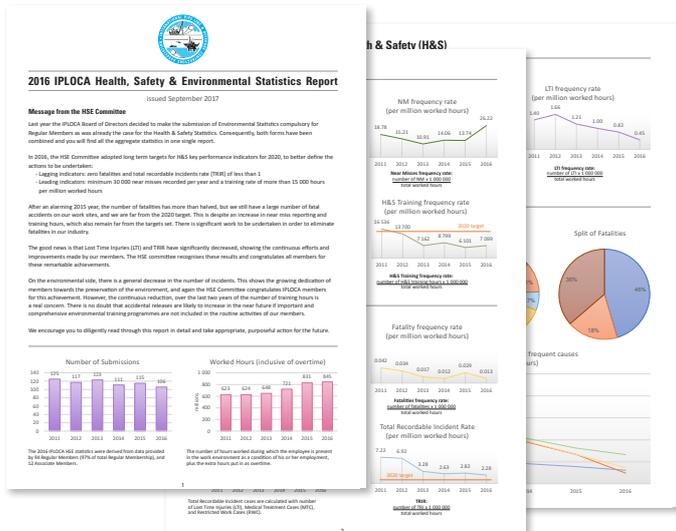
If you would like to suggest a presentation for a future Novel Construction session, please submit an outline to novel@iploca.com.

Should you wish to participate in a work group, please contact the appropriate group leader.

Working Groups	Leader (Company)	Email
Planning & Design	Criss Shipman (G.I.E.)	cshipman@gie.com
Earthworks & Crossings	Paul Andrews (Fluor)	paul.i.andrews@fluor.com
Welding & NDT	Jan Van Der Ent (Applus RTD)	jan.vanderent@applusrtd.com
New Trends & Innovation	Mustafa Abusalah (C.C.C.)	mabusalah@ccc.net
Coatings	Frits Doddema (Seal for Life)	frits.doddema@stopaq.com
Environment	Sue Sljivic (RSK)	ssljivic@rsk.co.uk
Logistics	Bruno Pomaré (Spiecapag)	bruno.pomare@spiecapag.com
Pre-commissioning	Vincenzo Calabria (SICIM)	v.calabria@sicim.eu
Bending	Geert Dieperink (Maats)	dieperink@maats.com
Health & Safety	Alain Gauthiez (Spiecapag)	alain.gauthiez@spiecapag.com

Health, Safety and the Environment

2016 IPLOCA HSE Statistics Report



in 2016 the HSE Committee decided to use a new set of KPI (Key Performance Indicator) objectives and to adopt long term targets for 2020:

- Lagging indicators: ZERO fatalities and TRIR (Total Recordable Incidents Rate) of less than 1
- Leading indicators: a minimum of 30,000 recorded near misses and a training rate of more than 15,000 hours per million hours worked

The HSE Committee Chairman, Bruno Maerten emphasised that “After an alarming year in 2015, the number of fatalities has more than halved, but a large number of fatal accidents are still reported on our work sites, and we are far from the 2020 target.”

On the environmental side, there is a general decrease in the number of incidents, demonstrating the growing dedication of member companies towards preserving the environment. However, the Committee voiced their concern regarding the clear decrease in the number of environmental training hours over the last two years.

We encourage you to read this annual report and motivate your company to take appropriate action to stimulate positive changes for the future.

Last year, in addition to the reporting of health and safety statistics, the IPLOCA Board of Directors chose to make the submission of environmental statistics compulsory for all Regular Members, in order to more accurately monitor and report the aggregate statistics.

Consequently, the overall HSE statistics have been combined into a single form, and one report which is attached to this newsletter. With the intention of continuing to promote better H&S performance,

Health & Safety Shared Experiences Platform



The H&S shared experiences platform on the IPLOCA website is regularly enriched by contributions from our member companies.

Take a look at www.iploca.com/safetyplatform to view all the uploaded documents sorted into various categories.

Remember that as a collaborative tool, your contribution is essential. We encourage more companies to take advantage of this initiative and to share their experiences as lessons learned or safety alerts. Particular thanks go to Ledcor, Peal and Petrojet who recently sent in a total of 15 documents, covering a variety of incidents and activities such as confined spaces, hand tools, lifting operations, transportation, etc.

Notification Service

Currently, representatives from all member companies receive periodic notifications, highlighting the latest documents that have been uploaded. **By the end of this year, this complimentary service will be available only to those who subscribe to it.**

Don't miss out on taking advantage of this initiative; simply send an email to hse@iploca.com to be added to the notification service.

Health & Safety Workshop

“Humans and Machines: the Hidden Hazards”



The next Health & Safety workshop takes place on 24 October in Geneva and will focus on the hidden hazards that exist between humans and machines and how to prevent accidents from happening.

Speakers selected amongst contractors, operators, and consultants will share their experiences and knowledge. Discussions will include the human factors and technology aspects involved as well as those that can prevent accidents from occurring, with the objective to better integrate humans and machines into a safe work environment.

In an entertaining and thoughtful way, the workshop will describe practical solutions and processes for training and engaging the workforce. Takeaways will include useful tools to identify, evaluate and manage the hidden hazards related to working in and around moving equipment.



Alan D. Quilley, author, consultant and a compelling speaker, will make a presentation and act as facilitator. He has made a career of learning and applying the leading edge of occupational health & safety, combining three decades of hands-on experience and is President of Safety Results Ltd.



The agenda will also include presentations by representatives from IPLOCA Regular Member (CCC), a pipeline operator (TIGF), consultants and IPLOCA Corresponding Member, Trans Adriatic Pipeline (TAP). **John Haynes**, Project Director of TAP, will draw on hands-on experience from the initial TAP construction period and will focus on the importance of matching the operator’s experience with the machine type and familiarity of the terrain.

This event is intended for all pipeline specialists. More information is available on our website at www.iploca.com/hseworkshop. The workshop date has been chosen to precede the Novel Construction Initiative Fall Session, which takes place from 25 to 26 October. Attendance at both events is free of charge, so don’t miss this opportunity to share experiences with colleagues from the industry!

Registration is required by **Friday 22 September**.

For the first time, IPLOCA will offer a **webcast** of both events. If you are unable to attend in Geneva, we strongly encourage you to take advantage of this offer. More information on this option will be provided closer to the date.

2017 IPLOCA Scholarship Recipients

Twenty students, who are children or grandchildren of employees of IPLOCA member companies, were selected as recipients of the 2017 IPLOCA scholarships.

They were awarded USD 4,500 each as a financial contribution to full-time studies at an accredited college, university or vocational school of the student's choice.

As far as possible two scholarships are awarded to students of Regular Members in each of the IPLOCA

geographic regions and four awarded to students of Associate Members.

This year no eligible applications were received from the Europe Mediterranean region and only one from Europe Northwest. Based on ranking, the remaining scholarships were awarded to one candidate linked to an Associate Member and two candidates from Regular Members of the other regions.

The 2017 recipients are:



Alexis Aguilera Betancourt - ITESM, Mexico City, Mexico - Music Production - Techint Engineering & Construction



Ali Kemal Giregiz - Bilkent University, Ankara, Turkey - Mechanical Engineering - Fernas Construction Co.



Sarah Miller - Grove City College, U.S.A. - Psychology - Lincoln Electric Company



Charlotte Ball - Liverpool University, U.K. - Orthoptics - J. Murphy & Sons Limited



Allison Helein - University of Wisconsin-Madison, U.S.A. - Biology - ITW Welding Products Group



Kritika Mishra - Vellore Institute of Technology, India - Computer Science & Engineering - Punj Lloyd Limited



James Bryant Gourlie - RMIT University, Australia - Automotive Engineering - McConnell Dowell Corporation Ltd.



Berk Huseyinoglu - Koç University, Istanbul, Turkey - Economics/Industrial Engineering - Tekfen Insaat Ve Tesisat



Zachary Mohr - University of Wisconsin, Stevens Point, U.S.A. - Fisheries - Precision Pipeline LLC



Ana Burgos - Universidad de Monterrey, San Pedro, Mexico - Business Management Engineering - Arendal



Allison James - Duke University, Durham, U.S.A. - Chemistry - ISCO Industries



Savannah Poe - South Dakota State University, U.S.A. - Mathematics - Primoris Services Corporation



Emily Dux - Iowa State University, U.S.A. - English & Spanish - Vermeer Corporation



Frederik Koch - Ernst-Moritz-Arndt University of Greifswald, Germany - Business Administration - MMEC Mannesmann GmbH



James Swanson - Texas A&M University, U.S.A. - Chemical Engineering - Gulf Interstate Engineering



Rawan El Saleh - University of Sharjah, U.A.E. - Medicine - Consolidated Contractors Company (CCC)



Maximilian Maue - Firebrigade Academy, Hamburg, Germany - Emergency Paramedics - Rosen Group



Blake Thompson - Oklahoma State University, Stillwater, U.S.A. - Electrical Engineering - Darby Equipment Company Inc.



Artem Fedorov - Gubkin Russian State University of Oil & Gas, Moscow, Russia - Pipeline Transport Systems - Stroygazmontazh LLC



Fadil Meraj - Amity University, Noida, India - Aeronautical Engineering - Valentine Maritime Ltd.

Upcoming Events

2017

Pipeline - Pipe - Sewer Technology Conference & Exhibition
17-19 September - Cairo, Egypt
www.pipelinepipesewer.com



51st IPLOCA Annual Convention
25-29 September - Mexico City, Mexico

4th Annual Global EPC Project Management Forum for the Energy Industry
25-29 September - London, U.K.
www.opexgrp.com/event-detail

Pipeline Week
3-5 October - Houston, TX, U.S.A.
www.pipelineweek.com

ICUEE – International Construction & Utility Equipment Exposition
3-5 October - Louisville, KY, U.S.A.
www.icuee.com

Offshore Energy
10-11 October - Amsterdam, The Netherlands
www.offshore-energy.biz

APGA - Australian Pipelines & Gas Association – Convention & Exhibition
14-17 October - Cairns, Australia
www.apga.org.au

SPE/IATMI Asia Pacific Oil & Gas Conference and Exhibition
17-19 October - Bali, Indonesia
www.spe.org/events/en/2017/conference/17apog

IPLOCA Health & Safety Workshop (& webcast) Humans and Machines: the Hidden Hazards
24 October - Geneva, Switzerland
www.iploca.com/hseworkshop



IPLOCA Novel Construction Initiative Fall Session (& webcast)
25-26 October - Geneva, Switzerland
www.iploca.com/novelpenarysession



Black Sea Oil and Gas
25-26 October - Bucharest, Romania
www.globuc.com/blackseoilgas

Pipeline Leadership Conference
8-9 November - Dallas, TX, U.S.A.
plconference.com
(Discount available for IPLOCA members)

ADIPEC
13-16 November - Abu Dhabi, U.A.E.
www.adipec.com

Pipeline Coating and Protection
14-15 November - Houston, TX, U.S.A.
www.amiplastics.com/events

Risk Management in Underground Construction
28-29 November - Washington, D.C., USA
undergroundriskmanagement.com
(Discount available for IPLOCA members)

2018

PPIM – Pipeline Pigging and Integrity Management
29 January - 1 February - Houston, TX, U.S.A.
www.clarion.org/ppim/ppim18/index.php

Pipeline Coating
13-15 February - Vienna, Austria
www.ami.international/events/event?Code=C850

PLCA 70th Annual Conference
13-17 February - Koloa, HI, U.S.A.
www.plca.org

Horizontal Directional Drilling Academy
22-23 February - Tempe, AZ, U.S.A.
hddacademy.com
(Discount available for IPLOCA members)

DCA 57th Convention
25 February - 3 March - Dana Point, CA, U.S.A.
www.dcaweb.org

Other Important IPLOCA Dates

IPLOCA Board of Directors Elections
28 September - Election meetings at Annual Convention, Camino Real Polanco, Mexico City
www.iploca.com/elections

IPLOCA Annual General Meeting
29 September - at Annual Convention
Camino Real Polanco, Mexico City

Member News for IPLOCA December Newsletter
15 October - Deadline for submissions
caroline.caravellas@iploca.com

IPLOCA HSE Committee Meeting
23 October
(HSE Committee Members only)

IPLOCA Board Meeting
5-8 December
(Board Members only)

Elections to IPLOCA Board of Directors

2017-2018

Elections to the IPLOCA Board of Directors take place each year at the Annual Convention, as seats become vacant. The vacant seats for next year's Board are listed below, along with the names of the outgoing directors.

Designated member representatives (one from each member company) should attend a short elections meeting of their appropriate geographic region (Regular Members) or the Associate Members meeting, taking place on the afternoon of Thursday, 28 September at the Camino Real Polanco hotel in Mexico City. Information on rooms assigned for each election meeting will be available in the convention pocket programme. Those member companies unable to send a representative to the convention are able to submit a proxy vote. As per the By-laws, in order to be valid, these proxies must be filed with the Executive Secretary at least one month prior to the Annual General Meeting and the number of proxies per candidate is limited to five.

Applications received from candidates for vacant seats are posted on www.iploca.com/elections. Once elections have taken place, the slate of nominations is then presented to the membership for ratification on Friday morning, at the Annual General Meeting.

Responsibilities of Board Membership

By running for election to the IPLOCA Board of Directors candidates agree to fully support the organisation

and its mission through regular attendance and active participation in meetings and events, including four board meetings a year that require international travel. Please note that an absence from any two consecutive meetings, or a total of three meetings during the two-year term of the Board membership result in automatic dismissal from the Board of Directors.

A full list of the duties and commitments of directors is available on our website.

Regular Members – Geographic Regions

A list of member companies in each Geographic Region and the names of the incumbent or outgoing directors are available at the links below:

East & Far East: www.iploca.com/eastandfareast

Europe Central: www.iploca.com/europecentral

Europe Eastern: www.iploca.com/europeeastern

Europe Mediterranean: www.iploca.com/europemediterranean

Europe Northwest: www.iploca.com/europenorthwest

Middle East & Africa: www.iploca.com/middleeastandafrica

America North: www.iploca.com/americanorth

Latin America: www.iploca.com/latinamerica

Associate Members

A list of Associate Members and the names of the directors representing them can be found on the following link: www.iploca.com/associatemembers

Vacant Seats for 2017/2018 Board

Area	Director	Status at Mexico City
Europe Eastern	Fatih Can	2 nd year confirmation
	Vacant	Vacant seat
Europe Central	Vacant	Vacant seat
	Vacant	Vacant seat
Europe Mediterranean	Bruno Guy de Chamisso	Vacant seat
	Oliviero Corvi	Vacant seat
Europe Northwest	Andy Ball	Officer
	Adam Wynne Hughes	Officer
Latin America	Rubén Kuri	Officer
	Jean Claude Van de Wiele*	Vacant seat
	Vacant	Vacant seat
Middle East & Africa	Albert Zakhem	2 nd year confirmation
	Vacant	Vacant seat
East & Far East	Mark Barrows	2 nd year confirmation
	Ma Chunqing	Vacant seat
America North	Scot Fluharty	Vacant seat
	Bill Partington	2 nd year confirmation
Associate Members	Doug Fabick	Vacant seat
	Brian Laing	2 nd year confirmation
	Bill Solomon	2 nd year confirmation

* appointed to the region by the Board

IPLOCA Board of Directors

2016-2017



Left to right front row: Jan Koop (resigned), Atul Punj, Andrew Ball, Rubén Kuri, Mesut Sahin (resigned), Juan Arzuaga. **Second row:** Doug Fabick, Jean Claude Van de Wiele, Georges Hage, Ma Chunqing, Oliviero Corvi, Bruno Guy de Chamisso, Alexander Kolikov (resigned). **Third row:** Adam Wynne Hughes, Brian Laing, Scot Fluharty, Bruno Maerten, John Tikkanen, Mark Barrows, Iosif Panchak, Steve Sumner. **Fourth row:** Albert Zakhem, Bill Partington, Bill Solomon, Fatih Can, Aqeel Madhi (resigned).

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IPLOCA Yearbook

2017-2018

In November 5,000 copies of the Yearbook will be published and distributed globally to the desks and in the field offices of pipeline companies.

This publication is an important source of information about your company, particularly for your clients and prospective clients. Please make sure to send Pedemex the addresses of the persons to whom you wish us to send this 51st edition of the IPLOCA Yearbook.

Advertising

Advertising in the Yearbook is still possible. Rates and specifications can be found at the IPLOCA Yearbook website. To order advertising space please use the order form at www.iploca-yearbook.com/advertising or contact Pedemex Publishers at the IPLOCA convention in Mexico City.

Listing changes

There is also still time to send Pedemex any listing changes for this edition: listing@iploca-yearbook.com

Photo gallery

As in previous years we are planning to publish a substantial image gallery in the 51st edition of the IPLOCA Yearbook and we ask your help in supplying us with images of pipeline & offshore construction work, usage of pipeline equipment and other pipeline & offshore contracting related activities.

Please send your images in a high resolution format before **30 September** by e-mail to advertising@iploca-yearbook.com. In addition to your company name, please mention the location, name and/or description of the projects.



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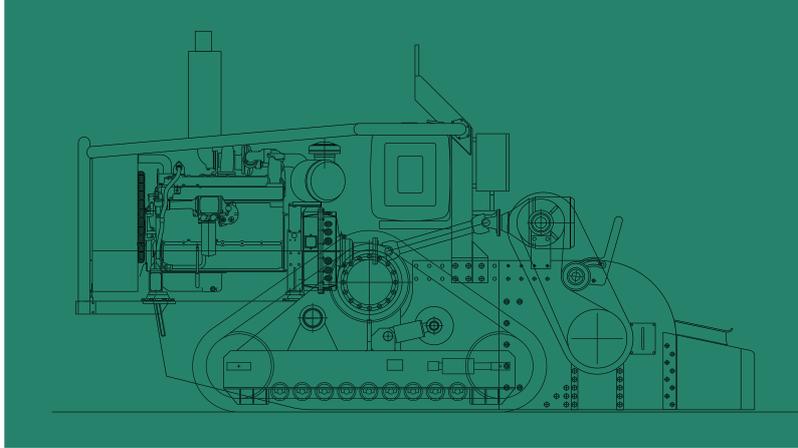
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