



*Anniversary*  
1966 - 2016

# THE IPLOCA NEWSLETTER

JUNE 2016



**50<sup>th</sup> Anniversary Convention - Paris**

page 14

**Letter from the President**

page 4

**News from Geneva**

page 5

**Member News**

page 8

**New Technologies**

page 16





# BENDING HISTORY



## This is what experience looks like

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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.

# Contents

<b>Letter from the President</b>	<b>4</b>
<b>News from Geneva</b>	<b>5</b>
<b>Sister Associations</b>	<b>5</b>
<b>Board Meeting Update</b>	<b>6</b>
<b>Member News</b>	<b>8</b>
<b>Membership Centre</b>	<b>12</b>
<b>Health, Safety and the Environment</b>	<b>13</b>
<b>50<sup>th</sup> Anniversary Convention - Paris</b>	<b>14</b>
<b>New Technologies</b>	<b>16</b>
<b>Regional Meetings</b>	<b>19</b>
<b>Elections to the 2016-2017 IPLOCA Board of Directors</b>	<b>20</b>
<b>IPLOCA Scholarship Programme Update</b>	<b>20</b>
<b>Upcoming Events</b>	<b>22</b>

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## Letter from the President

**The brochure for our 50<sup>th</sup> anniversary convention was mailed out at the end of May and registrations opened on our website on 1 June. We now have a real feeling that we are moving closer to our special celebrations in the city where IPLOCA was first established as the International Division of the Pipeline Contractors Association of the U.S.A on 20 June 1966. You may ask, who were the founding members at that time? Take a look at page 5 for further details.**

This convention will no doubt be particularly memorable, not only for being the opportunity to officially celebrate our 50-year history, but also for the special speakers and “surprise” venues that await us. Some of the best known historical sites and popular attractions have been chosen for the tour programme.

We are expecting a high level of attendance at this year’s event, so make sure you register soon, if you haven’t already done so. As always I would like to heartily thank our sponsors who have shown particular enthusiasm and support this year. Without them, this very special convention would not have been possible.

IPLOCA Awards will, as per our tradition, be presented at the convention and this year we are pleased to include a new award for Excellence in Project Execution. As you know, elections for the Board of Directors will also take place at the convention. Please see page 20 for details on the vacant seats.

The reach of the association continues to expand via regional meetings organised by members of the board for their specific geographic region. We have held meetings in Langfang, near Beijing in China, in Moscow, Russian Federation and in Parma, Italy.

For those Health & Safety managers who have not yet registered, you may wish to note that the one-day safety workshop organised by the HSE Committee takes place on 23 June in Geneva. Also significant progress was made during the last Novel Construction group work sessions, in preparing the 4<sup>th</sup> edition of the best practices book “The Road to Success”, which will be published as a mobile app.

I am looking forward to seeing you all in Paris, the “City of Light” as it is sometimes referred to, a city with a “slightly” longer history than IPLOCA!

Best wishes,

**Atul Punj**

IPLOCA President 2015-2016



# News from Geneva - IPLOCA's 50<sup>th</sup> Birthday

Mark the date in your diaries: Monday 20 June 2016!

**Fifty years ago, this was the date the association was first established as the international division of the Pipe Line Contractors Association (PLCA) of the U.S.A., subsequently affectionately known as "the International Division".**

Many of you know who the founding directors were, as their group photo and their names feature in the history section towards the back of the Yearbook. However, who were the founding member companies, i.e. the Regular and Associate Members of the International Division? After some research in our archives we managed to establish the list as follows:

## Founding Regular Members

- Constructors John Brown (Pipeline Division) Ltd (U.K.)
- Compagnie Européenne de Canalisations & de Travaux (Capag) (France)
- Entrepouse S.A. (France)
- M.K. River Constructie Maatschappij N.V. (The Netherlands)
- Montaggi Materiali Tubolari "Montubi" S.p.A. (Italy)
- Preussag AG, Wasser-Und Rohrbau (Germany)
- Snam Progetti S.p.A. (Italy)
- Spie-Batignolles (France)
- S.O.C.E.A. Nederland N.V. (The Netherlands)
- Societe Suburbaine de Canalisations et de Grands Travaux (France)
- Techint Lodigiani Pipelines S.p.A. (Italy)
- G.T.M. Travaux Publics (France)
- Willbros (Overseas) Ltd. (U.S.A)

## Founding Associate Members

- Flexifloat - Swarttouw N.V. (The Netherlands)
- Kendall (U.K.) Ltd. (U.K.)

- Mid-Continent Supply Eastern Hemisphere Co (U.K.)
- T.T. Boughton (U.K.)
- D. Anderson & Son Ltd. (U.K.)
- Bonney Forge International (U.K.)
- Clyde Tube Forgings Ltd. (U.K.)
- Contractors Plant (London & Midland) Ltd. (U.K.)
- General Descaling Co. Ltd. (U.K.)
- Kirk & Company (Tubes) Ltd. (U.K.)
- James Mitchell & Son Ltd. (U.K.)
- N.C.K. Rapier Ltd. (U.K.)
- Oxy-Gas & Electrical Equipment Ltd. (U.K.)
- Poclain Ltd. (U.K.)
- Ruston-Bucyrus Ltd. (U.K.)
- South Durham Steel & Iron Co. Ltd. (U.K.)
- Stewarts & Lloyds Ltd. (U.K.)
- Sterling Cable Co. Ltd. (U.K.)
- Hobart Bros. A.G. (The Netherlands)
- Hy. Bergerat, Monnoyeur & Cie (France)
- So. De. Fl. Ve. (France)
- B.K.L. Alloys - Kings Norton (U.K.)
- Hammelrath & Schwenzer (Germany)
- J.u.W. Muller G.m.b.H. (Germany)
- Rheinstahl Union Bruckenbau (Germany)

Throughout this special anniversary year in the lead up to the Anniversary Convention in Paris, we are undertaking a number of initiatives to showcase the association and its work and to recognise the loyalty and support of its members. Look out for editorials and articles in our Media Partners' publications, be surprised at the special "extras" at the convention in Paris and peruse the 50<sup>th</sup> anniversary book of IPLOCA's past presidents and board directors.

## Sister Associations

Past President, Jean Claude Van de Wiele and IPLOCA Executive Secretary, Juan Arzuaga accompanied by their respective wives Martine and Alejandra attended the PLCAC (Pipe Line Contractors Association of Canada)'s 62<sup>nd</sup> Annual Convention which took place in the quaint city of Charlottetown (Canada's birthplace), Prince Edward Island from 29 May to 2 June.

The World Federation of Pipe Line Industry Associations (WFPIA) also met during this week, discussing topics of common interest and they approved a Heads of Agreement document for the Federation.



# Board Meeting Update

## Seville



**The first Board of Directors meeting of the year was held in the Andalusian city of Seville, Spain and the highlights of the meeting follow:**

### Client Engagement Committee

An information pack for potential Corresponding Members prepared by the Secretariat was finalised and circulated to all board directors in January 2016 and is available on the IPLOCA website. The directors reviewed a list of potential members and the Committee confirmed that good progress had been made against the objective of 5 new members during the first year.

The Secretariat confirmed that new Corresponding Members will be added to the invitation list for technical meetings.

### HSE Committee

About 40% of submissions for H&S statistics and environmental statistics were received and approved within the deadline of 4 March. A reminder email was sent to all Regular Members on 10 March.

The Health & Safety shared experiences platform is being tested by HSE Committee members, before it is officially launched in May.

The next safety workshop is scheduled for 23 June in Geneva on the topic of "Safety Assessment Efficiency", with two confirmed speakers: Nicolas Brocherieux from Dupont de Nemours and Frederic Teitgen from Total. All directors were asked to ensure representatives from their companies support the workshop by attending.

### New Technologies Committee

The next Novel Construction sessions were to take place

on 31 March and 1 April in Geneva and would include presentations & updates from previous presenters, such as from Magnatech, Laurini, BSD Consulting and Applus.

Preparations are being made for the development of an app for the 4<sup>th</sup> edition of the best practices book "The Road to Success".

### Convention & Board Location Committee

The Committee reiterated that it is important to have a good horizon on future convention venues and dates, and to ask for quotes in advance, in order to help with the organisation and logistics and to ensure the quality of the event is maintained.

Possible London venues for the 2018 Convention were discussed and it became apparent that it will be a challenge to find an "affordable" hotel in this city. Other cities in Europe North-West were suggested, to be considered. Locations suggested for the 2019 Convention to be held in Europe Central included Vienna and Hamburg.

### Temporary By-laws Committee

The Committee's focus is now to work with the Secretariat to amend the procedures described within the operational manuals. The three manuals that have been worked on are those concerning board meetings, regional meetings and the convention. A recommendation was made to continue to invite to the President's dinner members from the region where the board meeting is taking place.

### Scholarship Committee

The Committee confirmed that over 220 candidates had applied to the scholarship programme, of which 120 met the eligibility requirements and were being reviewed by Scholarship Management Services.

The Scholarship Committee would then present the list of around 20 selected candidates at the next board meeting in May, for approval.

It was confirmed that the scholarship programme is only open to candidates linked to Regular and Associate Members.

### Minutes of the Prague Meeting

The minutes from the Prague December 2015 board meeting were reviewed and all actions confirmed as having been completed.

### Treasurers Report

Treasurer, Jan Koop presented the annual report for 2015 (unaudited) and the budget for 2016. The final forecast for the year is a surplus of just over CHF 81,000, compared



to the smaller surplus forecast at the Prague meeting in December. The budget for 2016 is currently more or less in line with the forecast. However, he stated that at the time of the meeting only 70% of the membership had paid their membership fees for 2016.

In addition costs are expected to be higher particularly for the 50<sup>th</sup> anniversary convention compared to what was budgeted.

## Evolution of Membership

The first Corresponding Member was approved for membership:

- **ExxonMobil Development Company**, U.S.A.

Three Associate Members were also approved:

- **Vlentec International Inc.**, The Netherlands
- **Walter Surface Technologies**, Canada
- **GLOBE Srl**, Italy

Name changes approved:

- ARB Inc. to **Primoris Services Corporation (PSC)**, U.S.A.
- E.ON Technologies GmbH to **Uniper Technologies GmbH**, Germany
- Rhead Group Pty Ltd. to **Costain**, U.K.
- Al Qahtani Pipe Coating Terminal to **Al-Qahtani Pipe Coating Industries**, Saudi Arabia

Resignations received:

- **Dhatec, a ShawCor Company**, The Netherlands - due to merging into ShawCor
- **Land & Marine Engineering Ltd.**, U.K. - J Murphy & Sons and Land & Marine are now the same company
- **Mathey Dearman, Inc.**, U.S.A.

## Paris Convention

The Executive Secretary reminded the directors that, due to unfinished renovation work, the venue for the convention in Paris had to be changed from the Hyatt Regency Paris Etoile to Le Méridien Etoile. However, due to capacity restrictions in the ballroom, attendees at the welcome dinner and the CRC-Evans luncheon may need to be limited.

The first round of proposals from potential speakers was reviewed and decisions made as to which ones to invite and which ones would be asked to act as back-ups. A second round of proposals will be discussed at the next board meeting in May with the aim of finalising the slate by June.

## Regional Meetings

The China Petroleum Pipeline Bureau (CPP) is organising a regional meeting in Langfang, near Beijing, on 13 April. It will take place the day after the China International Pipeline Exhibition, which IPLOCA has been invited to

attend and speak at, on the topic of new technologies.

Iosif Panchak said that he is organising a regional meeting for Eastern Europe on 26 April at the Kempinski hotel in Moscow. These meetings are key opportunities to remind members of the value of IPLOCA and to attract new members.

Oliviero Corvi also said that a regional meeting in Parma was being planned and the tentative date was 7 June 2016 (subsequently changed to 9 June). He was waiting for confirmation from one of the key participants before finalising the date.

## 50<sup>th</sup> Anniversary Plans

There was agreement to contributing special 50<sup>th</sup> anniversary editorial for supplements in Media Partner publications, with a focus on the work of the association as a whole.

An initial layout of the special 50<sup>th</sup> anniversary Presidents book, instigated by CRC-Evans, was shown on-screen and comments made on the content and layout. In addition to highlighting the presidents and board members for each year, it was recommended that Honorary Members should be mentioned, preferably in the “year in review” for the year in which they were nominated. Two directors agreed to review the introduction and acknowledgements pages.

## Media Partners

As the Media Partners’ contracts come up for renewal, a discussion took place on the possibility of incorporating other potential partners and what future media partners could offer to IPLOCA in the new changed environment.

The next board meeting will be held from 17 to 20 May in Havana, Cuba.



The cultural programme in Seville included guided tours of the old city, with a visit to the cathedral and a bull-fighting ring, and the ladies took part in workshops on Seville traditions.

# Member News

## Euro Pipeline Equipment (EPE)'s Range is Expanding with Two New Advanced Models

EPE is proud to announce two new products:

The first one is the TP-21, a more powerful multipurpose tractor, which is the more evolved version of the well-known TP-15. It has the same basic qualities: flexible, stable and robust but with several extra features. It can be transported via container, due to the variable gauge and the removable tracks - the only one to have these features on the market. A greater capacity of transportation minimises costs and the operational time. This is a unique benefit because of its robust construction and advanced technology. With this goal the TP-21 has been designed to have a higher lifting performance together with increased stability and higher speed (up to 12 km/h) due to the powerful EPA or TIER IV engine, which is respectful of the environment.



The second machine is the new pipelayer Performer GPL700, a mid-sized pipelayer which can lift up to 70 tons, with important advantages in terms of handling and transportation. The decision to invest in this model was made in order to meet the demands of numerous contractors focusing on mid to small diameter projects. Like the bigger GPL 980, the GPL 700 is equipped with a Caterpillar engine and Bosch Rexroth hydraulic pumps for hydrostatic transmission.

## KZ Broadens Activities by Taking Over Rombouts KunststofTechniek

Rombouts KunststofTechniek and RKT International, both located in Tholen, The Netherlands are being taken over by KZ, a company that is located in Zwolle and specialises in high-quality seals and pipe accessories. Since 1975 KZ has been working for gas

and water network companies. KZ develops, produces and delivers materials for connecting or branching off large and small gas and water pipes for network companies, manufacturing companies and pipe manufacturers. Rombouts KunststofTechniek has been a leading company in building, maintaining and repairing industrial and infrastructural plastic pipe systems and thermoplastic and thermosetting plastics for installations and transport pipes both under and above the ground. After the take-over, Cees Rombouts will remain connected to Rombouts KunststofTechniek as Head of the Technical Department, and as such he will be responsible for innovation and the development of new products. After the acquisition, the merged group will combine large and small diameters in the gas and water market, and will use innovation as a driver for further expansion. The group will continue its search for takeover candidates with similar or related activities that maintain a strong position in either the Dutch or the European market.

## Fluor Consortium Delivers Natural Gas Development Project in Brazil

A consortium including Fluor Corporation met substantial completion on the Gavião Branco facility in the state of Maranhão, Brazil, turning it over to Parnaíba Gás Natural (PGN), Brazil's leading private gas exploration and production company. The consortium performed basic and detailed engineering, procurement, construction, commissioning and start-up of an 8.5 million-cubic-meters-per-day gas gathering system in the Gavião Branco field, as well as a 70-kilometre-gas pipeline, under a demanding 12-month schedule. The consortium included Fluor; Construcap CCPS Engenharia e Comércio S.A. (Construcap), the consortium leader; and CFPS Engenharia e Projetos S.A. (CFPS), a joint venture of Fluor and Construcap. The consortium significantly optimised the facility's design to reduce





capital investment costs, while maintaining the original completion date. The project brings the Gavião Branco field into commercial operation, enables the tie-in of the Gavião Branco Sudeste field in the first quarter of 2016 and will provide the tie-in point for Gavião Caboclo and Gavião Branco Norte in the future. Based on the results of this project, PGN has retained the consortium to deliver master planning services for future developments in the Parnaíba Basin.

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### Higher Lifting Capacities for Redesigned Maats Roller Cradles

Since the introduction of the Maats Roller Cradles (RCs) in the 1990's Maats has successfully expanded activities with this product in several branches. The different applications for which the RCs are used have given Maats the opportunity to gain as much feedback as possible and over the years enabled them to fine-tune their products. Keeping close contact with the customer also led to the development of new products (e.g. the Maats C-cradle and recently the Maats Lowering-in belt) and now the re-development of the RCs. By analysing and exploring the latest available techniques and materials, Maats engineers have been able to upgrade the specifications of the RCs. This resulted in a substantial increase of the lifting capacities with upgrade percentages of 15% for the largest diameter, and up to as much as 78% for the smallest diameter. The new Maats Roller Cradles now have lifting capacities ranging from 25 tons (RC 12-24) to 55 tons (RC 48-60).



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### Recent Contracts Won by Punj Lloyd

Punj Lloyd, diversified EPC conglomerate has received EPC orders worth US\$ 304 million from Oman Oil Refineries and Petroleum Industries Company (Orpic) and Oman Gas Company (OGC) which are owned by the Government of the Sultanate of Oman and Oman Oil Company SAOC. The company has won a US\$ 45 million infrastructure



order in Dubai, United Arab Emirates. The contract has been awarded to Punj Lloyd by Front Line Investment Management Co. LLC, subsidiary of Damac Properties Development LLC, for the construction of 168 villas at Trixis Cluster of the Akoya Oxygen master development offering a luxury lifestyle at the heart of nature in AlYufrah 2, Dubai. Back home, Punj Lloyd won four highway EPC projects worth US\$ 233 million in the states of Bihar, Chhattisgarh, Odisha and Punjab for four laning.

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### Serimax Selected for Landline Welding in TANAP and TAP Projects

In 2016, building on its landline projects achievements and successes, Serimax was awarded a contract for the Trans Adriatic Pipeline project by SPIECAPAG in partnership with A.Hak International BV for the Albanian section and with Aktor for the Greek section. The contract covers the provision of welding services for 3 sections of a 48" pipeline: 2 sections of 110km in Albania and 1 section of 185km in Greece. This new award on a major and challenging landline pipeline will mobilise a spread of 4 Saturnax welding stations and a Maxiluc clamping system in each country, which offer a flexible solution to respond to the diversity of



landline configurations encountered in Albania and Greece. One of the specificities of the project includes the management of transition pipelines (4-5 transition pipelines per kilometre with thickness ranging between 17.5 and 30.9 mm). The combination of Serimax beveling, clamping and welding in house technologies has been a decisive factor in convincing SPIECAPAG and its partners to team up with Serimax. Previously, in 2015, JV SYA (Sicim/Yuksel/Akkord) awarded Serimax a contract to provide welding services for section 2 of the Trans-Anatolian project in Turkey. Serimax started production in September 2015 with the objective of performing 30,000 welds over the 450km of 56" heavy wall thickness pipeline. Operational layout comprises 2 welding spreads of 6 Saturnax welding stations either side of the pipeline, one operating from the Sivas area, another from the Erzincan area. The deployment of Serimax's Maxiluc extra-strong pneumatic re-rounder field proven clamp enables operations on demanding terrain profile, notably steep slopes up to 20° while providing fast pipeline alignment. With a production rate of close to 140 welds per day recorded in December 2015 on the mainline, Serimax demonstrates the versatility and efficiency of its landline technologies operating in hilly, mountainous profiles and adverse weather conditions (cold winters, short working days).

### **MAX STREICHER S.p.A. Realises Large Pipeline Project in Tunisia**

ETAP & OMV awarded the consortium MAX STREICHER GmbH & Co. KG aA / Bouchamaoui Industries LC with the execution of a 370 km long pipeline (24") within the Nawara Development Project. MAX STREICHER S.p.A. carries out the pipeline works on behalf of the parent company. This pipeline will connect the central gas processing facility at the Nawara gas field, which will also be built by the consortium, with the city of Gabés on the East coast of Tunisia. In addition to the pipeline



construction the contract includes the execution of intermediate valve stations as well as pig launching and receiving facilities and interconnections with new plants and existing facilities. Within the project the consortium is also responsible for engineering and procurement. First field activities started in April 2015. Several work activities along the pipeline route are organised simultaneously. For example two automatic mainline welding spreads, one in the southern and one in the northern part of the pipeline route, are working, reaching a production of almost 10 km/week. Nearly half of the total project activities have already been executed. The project should be finished in spring 2017.

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### **SPIECAPAG Has Been Awarded 3 lots 48" Pipeline Contracts by TAP**

The Trans Adriatic Pipeline AG (TAP) has awarded SPIECAPAG the EPC contracts for a 185 km lot in Greece, between Kipoi and Kavala, as well as two lots in Albania (215 km in total) stretching from Bilisht to Topoje. SPIECAPAG will also carry out the pipeline river crossing at the Greek-Turkish border, where TAP will be connecting to the Trans Anatolian Pipeline (TANAP). Mobilisation is in progress in Greece and Albania where at the end of April more than 60 km of pipeline had already been delivered and stored in a marshalling pipe yard. Construction is due to start early August in both countries. TAP's shareholding is comprised of BP (20%), SOCAR (20%), Snam S.p.A. (20%), Fluxys (19%), Enāgas (16%) and Apxo (5%).

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### **The Salzgitter Group Awarded Another Large Diameter Pipe Contract for the Trans Adriatic Pipeline**

The Salzgitter Group is to deliver more than 71,000 t of large-diameter pipes measuring 36" in diameter for the 110 km long offshore leg of the Trans Adriatic Pipeline (TAP). The pipeline is to transport natural gas from the Caspian region to Europe in the future. The project scope also comprises pipe components and coating services. The order was booked by Salzgitter Mannesmann International GmbH, the Group's trading subsidiary. The large-diameter pipes are to be manufactured by the end of 2016 in various production stages by EUROPIPE GmbH, Mülheim an der Ruhr, a joint venture of the Salzgitter Group and AG der Dillinger Hüttenwerke. Delivery is scheduled to commence in the third quarter of 2016. Together with other recently booked orders such as Nord Stream 2 this will secure a good basic capacity utilisation until mid-2018. Salzgitter Mannesmann International GmbH had already won the contract for the onshore leg of TAP



back in October 2015. This order involves the delivery of 270 km of large-diameter pipes and 1,559 pipe bends with an overall tonnage of approximately 170,000 t. The pipes are currently also being produced by EUROPIPE and the pipe bends by Salzgitter Mannesmann Grobblech GmbH, Mülheim a. d. Ruhr. TAP will transport natural gas in conjunction with the TANAP pipeline currently under construction that will run from Greece through Albania and on to southern Italy.

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### **Tekfen Construction and Installation, Inc. Recently Signed an EPC Contract**

Tekfen Construction and Installation, Inc. has recently signed a contract for the engineering, procurement, and construction works of the compressor and metering stations of the Trans-Anatolian Natural Gas Pipeline (TANAP) Project. The period for the completion of the project has been determined as 39 months.

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### **Walter Surface Technologies Launches New Facility in Switzerland**

Walter Surface Technologies, the global industry leader in surface treatment technologies, with established operations in Canada; the United States; Germany; Mexico; Brazil; and Austria, continues its international expansion. The company recently announced the inauguration of its new 59,000 ft<sup>2</sup> production and office complex in Küsnacht am Rigi, Switzerland to better support the company's growing business needs in the European market. The state-of-the-art facility is designed with advanced green building technology. It further demonstrates the company's dedication to environmentally-sound practices and sustainability, as well as allows for better customer service and provides a healthy work environment for employees. This strategic move will allow the Walter and Bio-Circle brands to further increase their growth throughout the European market. The new office address is: J. Walter International AG, Aahusweg 16, 6403 Küsnacht am Rigi, Switzerland.

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### **Volvo Construction Equipment Pipelayers Play a Major Part in Argentina's Energy Revolution.**

To continue the commitment made five years ago to use Volvo Construction Equipment machinery, Volvo pipelayers, such as the PL3005D, were delivered in 2015 to Oilfield Production Services SRL (OPC) to work on the Vaca Muerta ("dead cow") massive shale oil and gas deposits discovered in 2011, in the province of Neuquén by Argentine oil company YPF. Feedback from onsite is very positive. These new Volvo machines help save time,



introducing greater lengths of piping in one day with just one pipelayer and an operator directing the procedure. Time is also saved as the Volvo machines come fully assembled. In addition, the comfort inside the cabin is greatly appreciated by operators working long shifts in arid and windy conditions typical of the Patagonian steppe.

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### **Synergy of Companies: IPLOCA Members Collaborate to Meet Demand**

On 17 May, over 50 guests attended a special event at the headquarters of Laurini Officine Meccaniche, in Busseto, Italy. The day focused on the ideal technology for handling pipeline projects at a global level. Marco Laurini, Chairman of Laurini Officine Meccaniche, said that "the aim in creating these international meetings is to promote the encounter between demand and supply and to give clients the opportunity to find out more about modern technology that can optimise work in our industry". Guests were able to view equipment from a number of different IPLOCA members, including the new Caterpillar 330F LN excavator, actually in operation, a Tesmec 1150XHD chainsaw trencher, a wider calibration range, Arctic pipe facing machine supplied by Goriziane Group S.p.A. and a 30" - 32" internal line-up clamp provided by Opus Srl.



# Membership Centre

## Regular Member



We welcome **Attila Dogan Construction and Installation Company** back as a Regular Member.

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## New Associate Members



For more than 40 years **Globe** has been present in the oil & gas industry with specialised abrasive products for general and specific applications. Globe offers a complete range of products for every kind of oil & gas application such as pipelines construction, onshore and offshore installations, pipes and vessels, manufacturing, maintenance and overhauling. Starting with the distribution of abrasives in the U.S.A. and Canadian oil extraction and refining plants during the late 1960s, Globe extended its market to North Sea plants and more recently to all the Persian Gulf countries building up extensive know-how and significant specialisation in dedicated solutions.

### **I.A.P. Globe Srl**

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**Vlentec International B.V.** is a family owned business and a leading manufacturer of reliable vacuum pipe lifting products and services. Vlentec started development and manufacture of its vacuum (pipe) lifting equipment in 2000 in the Netherlands. Their experience with vacuum lifting started in 1983 under the company VacuumLift Australia. Vlentec's Managing Director, Klaas Boelema, owned and managed VacuumLift Australia until it was sold in 1999. In the VacuumLift Australia era Mr. Boelema invented the very first self-contained vacuum pipe lifter which revolutionised the pipeline construction industry. Innovation remains an important focus for Vlentec. The

company's ongoing innovations over the past years have not only improved work site safety, but also lowered noise and exhaust emissions. The equipment reliability, serviceability and versatility has increased substantially.

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## NEW Corresponding Member



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# Health, Safety and the Environment

## HSE Committee

The Committee met on 30 March 2016 in Geneva at the Crowne Plaza Hotel.

At the date of the meeting, 72% of H&S statistics had been received and approved and 67% of environmental statistics (which reached 80% and 77%, respectively by the deadline of 3 May). Although the majority of these submissions were received online, 25% were received by email and had to be recorded by the Secretariat.

In future we ask that ALL members submit their statistics online to facilitate the administration of the process and to ensure the data is as accurate as possible. Please note that the online form has data restrictions and you may find that it does not allow you to complete certain fields. In these cases, please follow the instructions that will appear in a pop-up window to fill in the required information correctly.

The committee members expressed concerns about the increase in total fatalities submitted (21 as opposed to 8 in 2014). Since the reasons behind accidents are diverse, members who reported fatalities will be encouraged to submit a report for the Health & Safety Shared Experiences platform, to be launched in the near future.

Two HSE Awards will be presented at the annual convention this year: 2016 Health & Safety Award sponsored by Chevron and the 2016 Environmental Award sponsored by Shell. In total 20 submissions meeting the guidelines were received for the H&S Award and 11 for the Environmental Award.

The Chairman, Bruno Maerten announced that Richard van Sonsbeek of Applus RTD had to step down from the committee as he no longer works for Applus. On behalf of all the committee members, he thanked Richard for his contribution and dedication to the work of the committee.

## Key Performance Indicator (KPI) Objectives

As already published in the March 2016 newsletter, eliminating fatalities is a priority. During their November 2015 meeting, the HSE Committee had set ambitious KPI objectives to be reached by 2020: Total Recordable Incident Rate (TRIR), per million hours, of below 1 and zero fatalities. These being lag indicators, the committee, at the request of the board of directors, has also added lead indicators to be reached by 2020:

- Reports of near misses to total more than 30'000
- H&S training rate of greater than 15,000 hours per million worked hours

## Health & Safety Shared Experiences platform

The HSE Committee is pleased to launch an IPLOCA Health & Safety Shared Experiences platform, which can be accessed via the IPLOCA website. The platform will showcase lessons learned and best practices from members and non-members alike. You are encouraged to take advantage of this initiative and to share your experiences as contributions or safety alerts. An explanatory email will be sent to all members. Should you have questions or comments, please write to [hse@iploca.com](mailto:hse@iploca.com).

## Reminder

### 2016 Safety Workshop Topic: "Safety Assessment Efficiency"

Thursday, 23 June 2016 in Geneva, Switzerland

**If you have not yet registered for this workshop, there is still time to do so. We encourage all Corporate Safety Managers to participate.**

Although many companies in the industry are implementing a number of initiatives aimed at reducing accidents, such as safety tool box talks, risks assessments and safety alerts, accidents are still happening. How can we prevent them? Attendees will have the opportunity

to ask questions, identify good and bad behaviour, and discuss ideas on how to improve job safety assessment through shared experiences and case studies. Our speakers are: Nicolas Brocherieux, Principal Consultant, DuPont de Nemours, who will also act as the facilitator of the workshop, and Frederic Teitgen, Total, sharing a client's point of view.

For further information, please contact Sarah Junod by email: [sarah.junod@iploca.com](mailto:sarah.junod@iploca.com). There is no charge for attendance, but participants do need to register by completing the online form on: [www.iploca.com/hseworkshop](http://www.iploca.com/hseworkshop).

We look forward to a productive session to continue preventing incidents in our industry.



It's time to register!  
Online registration is  
open at [www.iploca.com](http://www.iploca.com)

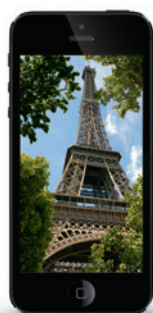
## 50<sup>th</sup> Anniversary Convention - Paris

Online registration is now open at [www.iploca.com](http://www.iploca.com) and  
the convention brochure can be consulted on our website.  
Please note that registration closes on 3 August, 2016.

You will notice that this year's convention programme has a  
particular focus on history with the celebration of IPLOCA's  
50<sup>th</sup> birthday and tours to many of the best known sites and  
monuments in Paris that have withstood the passage of time.

### Getting to the Hotel

Given the fact there is a regular and effective Air France  
Shuttle service at Orly and Roissy Charles de Gaulle  
International airports there will be no IPLOCA Meet & Greet  
service this year. Details regarding the shuttle service can be  
found on pages 24 and 25 of the convention brochure.



### IPLOCA Convention App

A smartphone application will be in use  
at this convention, following enthusiastic  
feedback after Singapore. It will be available  
to all registered convention attendees  
and we hope that many more of you  
will download it this time and use it to  
check your tour and event registrations,  
consult your personal agendas, review the  
speakers' biographies or check up on the election meetings.  
You can also share your photos taken during the week.

**IPLOCA**  
50th Annual Convention  
12 - 16 September 2016 Paris

**50<sup>th</sup> Anniversary**  
1966 - 2016

**Tour 1 - Notre-Dame & Ile Saint Louis**  
Monday 12 September 2016  
09:00 - 13:00  
Includes a 2-hour walking tour.

The tour of the "Île de la Cité" and "Île Saint Louis" begins at the "Hôtel de Ville", or City Hall, from where you will cross the Pont de l'Arche to the Île de la Cité and the Cathedral of Notre-Dame de Paris. Construction began in 1163 and finished in 1345 with the installation of the last Gothic windows. Notre-Dame is one of the finest examples of French Gothic architecture and among the largest and best known church buildings in the world.

Heavily damaged during the French Revolution, the cathedral was restored in the mid-19th century and completed in 1864. The apse and choir of the treasury were reconstructed. The central portal, wall paintings, the great organ and many other details were restored and a new security was built.

"The Hunchback of Notre-Dame" by Victor Hugo in 1831, before leaving Notre-Dame to walk to Île Saint Louis.

Île Saint Louis was first established by King of the Franks, establishing a political centre through the 17th century arrangements for residence of prominent Parisians. Île Saint Louis on the Seine.

**Tour 2 - Chateau de Vincennes**  
Monday 12 September 2016  
09:30 - 13:00

This coach tour will take in some of the most beautiful sites of Paris. It begins at the "Tour de la Vierge", commissioned in 1806 after the victory at Austerlitz by Empress Josephine. Next is the "Tour de la Vierge", one of the world's most beautiful towers. Next is the "Tour de la Vierge", one of the world's most beautiful towers. Next is the "Tour de la Vierge", one of the world's most beautiful towers.

**Tour 3 - Chateau de Vincennes**  
Monday 12 September 2016  
09:30 - 13:00

This coach tour will take in some of the most beautiful sites of Paris. It begins at the "Tour de la Vierge", commissioned in 1806 after the victory at Austerlitz by Empress Josephine. Next is the "Tour de la Vierge", one of the world's most beautiful towers. Next is the "Tour de la Vierge", one of the world's most beautiful towers.

**Tour 4 - Louvre Museum**  
Monday 12 September 2016  
14:15 - 17:30  
Timing to be confirmed according to availability when reservations open on 3 June. Includes a 2-hour visit of the museum.

The "Musée du Louvre", or Louvre Museum, is one of the world's largest and most visited museums. Nearly 35,000 objects from prehistory to the 21st century are exhibited over an area of 60,600 sq m (602,300 sq ft).

The museum is housed in the Louvre Palace, originally built as a fortress in the late 13th century under Philip II. In the 14th century Charles V converted the building into a royal residence. In 1682 Louis XIV chose the Palace of Versailles for his permanent, leaving the Louvre primarily as a place to display the royal collections, including, from 1692, a collection of ancient Greek and Roman sculptures.

The Louvre became a museum in 1793 during the French Revolution and was subsequently renamed "Musée National". The collection is divided among eight curatorial departments: Egyptian Antiquities, Near Eastern Antiquities, Greek, Etruscan and Roman Antiquities, Islamic Art, Sculpture, Decorative Arts, Paintings, Prints and Drawings. The Louvre is also most famous for its vast collection of pre-modern paintings, which are arranged according to school, notably French, Italian, Flemish and Spanish. Among the most important artists displayed are Greek, Etruscan, El Greco, Fra Angelico, Raphael, Michelangelo, Rembrandt, Rubens and Leonardo da Vinci.

This visit will focus on the Venus de Milo, the Dying Slave, Moria Lisa and the Winged Victory of Samothrace. The Mona Lisa was acquired by King Francis I from Leonardo da Vinci in the early 16th century and has been on permanent display in the Louvre since 1797.

**Tour 5 - Chantilly Castle**  
Tuesday 13 September 2016  
09:00 - 17:00 including lunch  
Travel time from hotel to Chantilly: approx. 1h15 to 1h30 depending on traffic.

The original "Château de Chantilly", owned by the Princes of Condé, was destroyed in the French Revolution. The estate was given by King Louis Philippe to his youngest son, Prince Henri d'Orléans, Duc d'Aumale. Chantilly was entirely rebuilt in 1875-1881 and is now part of France's finest cultural heritage.

The Duke of Aumale made Chantilly's "Galerie des Glaces" the showcase for countless masterpieces and precious manuscripts. He bequeathed the estate in 1886 to the Institut de France, on condition that the Musée de Chantilly be opened to the public and its library be preserved. As a consequence, the château looks just as it did in the 18th century and houses a superb collection of Italian, French and Dutch masters, including Botticelli, Piero di Cosimo, Raphael, Titian, Poussin, Van Dyck, and Watteau. You will also get the castle's large garden and its reception rooms.

Lunch will be in the Galleries of the "Galerie des Glaces", or Grand Stables. The Chantilly estate overlooks the Chantilly Racecourse and the Grandes Écuries, which contains the Long Museum of the Horse. According to legend, Henri Jules, Prince of Condé believed that he would be reinstalled as a horse owner in 1719 he had three beautiful stables built to suit his taste.

The castle is also famous for its "Cuisine Chantilly". The name Chantilly is first connected with wedding ceremonies in mid-18th century, when the Baroness d'Oberkirch presented the "cordon" served in Chantilly. Lunch will be followed by a short situation demonstration before returning to the hotel.

### Space limitation for certain events

Please note that unfortunately due to limited space  
available in the ballroom at Le Méridien Etoile hotel, we  
cannot confirm attendance to all registered delegates  
for the **Worldwide Group Welcome Dinner** and the **CRC-  
Evans Luncheon** until after the cut-off date of 3 August,  
2016. An email will then be sent advising you if you are  
confirmed or if you are on a waiting list. We thank you  
for your understanding.



# Convention Sponsorship

## as of 2 June 2016

There are only a few sponsorship opportunities left. Don't miss your chance for visibility at this special anniversary convention. For further information, please contact [caroline.green@iploca.com](mailto:caroline.green@iploca.com).

### Worldwide Group Welcome Dinner

Worldwide Group

### CRC-Evans Luncheon

CRC-Evans Pipeline International Inc.

### Caterpillar Party

Caterpillar

### PipeLine Machinery International Cocktails

PipeLine Machinery International

### Amusements at Caterpillar Party

Laurini Officine Meccaniche

### Maats Golf Tournament

Maats Pipeline Equipment

### Ladies Brunch

Pipeline Inspection and  
co-sponsorship available

### Gulf Interstate Cocktail Party

Gulf Interstate Engineering

### Directors & Wives Dinner

Ritchie Bros. Auctioneers / Tekfen  
Construction and Installation Co., Inc.

### Audio Visual for Open General Meetings

Volvo Construction Equipment

### IPLOCA Membership Lunch - Buffet

Fluor

### IPLOCA Membership Lunch - Wine

Magnatech Group BV

### Audio Visual at Final Banquet

Euro Pipeline Equipment

### Wine at Final Banquet

PWT

### Transport to Final Banquet

G.D.I.

### Photographers at the Convention

MANNESMANN Engineering &  
Construction GmbH

### IPLOCA Membership Cocktails

Zakhem International Construction Ltd.

### Convention Mobile App

Spiecapag

### Registration Desk

Herrenknecht

### Welcome Cocktails

SCAIP / Vermeer

### Entertainment at Final Banquet

Euro Pipeline Equipment

### DJ & Lights for Dancing 'til Dawn

American Augers

### Open Bar for Dancing 'til Dawn

Specialty Polymer Coatings, Inc.

### Decoration for Dancing 'til Dawn

Spiecapag

## Tour Programme

### Monday, 12 September

#### Tour 1 - Notre Dame

Erciyas Steel Pipe

#### Tour 2 - Paris City Tour

MAX STREICHER GmbH & Co. KG aA

#### Tour 3 - Eiffel Tower

China Petroleum Pipeline (CPP)

#### Tour 4 - Louvre Museum

Bonatti S.p.A.

### Tuesday, 13 September

#### Tour 5 - Chantilly Castle

Consolidated Contractors Company (CCC) /  
National Petroleum Construction Company  
(NPCC)

#### Tour 6 - Montmartre

Lincoln Electric

#### Tour 7 - Eiffel Tower

Mears Group, Inc.

### Wednesday, 14 September

#### Tour 8 - Versailles

ARENDAL / Primoris Services Corporation

#### Tour 9 - Paris City Tour

Precision Pipeline

#### Tour 10 - Orsay Museum

Available

### Registration Bags for the Men

Shawcor

### Registration Bags for the Ladies

World Pipelines

### Coffee breaks at Open General Meetings

The C.A.T. Group

### Convention Photo USB

Applus+

### Bottled Water for Tours

Erciyas Steel Pipe

### Flowers at Final Banquet

Ledcor Group of Companies

### Welcome Drinks at Registration (Sat/Sun)

Available

### Printing of Pocket Programme

Goriziane Group S.p.A.

### Podium Flowers at Open General Meetings

Available

### Band at Final Banquet

HABAU / PPS / PSE

### Russian Simultaneous Translation

Pending confirmation

### Printing of Final Banquet Menu

Goriziane Group S.p.A.

### Printing of Registration List

World Pipelines

### First Time Attendees Cocktails

Pipeline & Gas Journal / VACUWORX

### Caterpillar Party Contributions

Bergerat Monnoyeur  
Compagnia Generale Trattori S.p.A.

### Convention Fund

Goriziane Group S.p.A.

## Gifts

DENSO GmbH  
Liebherr  
Maats Pipeline Equipment  
SICIM S.p.A.



# New Technologies

## Novel Construction Initiative

The Novel Construction Initiative Spring Plenary Session took place at the Crowne Plaza Hotel in Geneva on 31 March and 1 April with around 60 participants.

In addition to taking part in group work, delegates listened to a number of new technology-focused presentations from guest speakers, during the plenary sessions:

- Assessment of Earthquake-related Geohazards and Seismic Design of Onshore and Offshore Pipelines - Prodromos Psarropoulos, National Technical University of Athens, Greece \*
- An Innovative Multi-technology Danger Detection System - Bernard Ivaldi, SwissTip S.A. \*
- DASH: The Latest in Pipeline Data Management - Rene Ramirez & Nichole Killingsworth, BSD Consulting, Inc.
- Internal Welding Technology - Danny Thomassen, Magnatech
- Latest Developments for Pipeline Girth Welds Using 3D Imaging Techniques - Jan van der Ent, Applus RTD
- Laurini Laying System: Work in Progress - Paolo Garbi & Giacomo Baione, Laurini Officine Meccaniche

\*Articles on these new technologies follow this report.

## IPLOCA Excellence in Project Execution Award

Alternating each year with the IPLOCA New Technologies Award, a new award will be presented for the first time at the Paris convention in recognition of an outstanding project execution in onshore and/or offshore pipeline or facilities construction.

In order to encourage as many members as possible to participate in the launch of this new award, the Board of Directors has decided to extend the deadline for submissions to **20 June, 2016**. For further details, please refer to the awards page on our website: [www.iploca.com/awards](http://www.iploca.com/awards).

The following workgroups convened and reported significant progress in finalising the new chapters of the 4<sup>th</sup> edition of the best practices book, "The Road to Success", which will be produced as a mobile app in the last quarter of this year. Should you wish to contribute to these working groups for future chapters, please contact the relevant group leader. We would like to thank everyone for their invaluable active participation and collaboration.

Workgroup	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
Future Trends & Innovation	Zuhair Haddad (C.C.C.)	zuhair@ccc.gr
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



# Assessment of Earthquake-related Geohazards and Seismic Design of Onshore and Offshore Pipelines

Prodromos Psarropoulos and Andreas Antoniou,  
National Technical University of Athens, Greece

**Many pipeline projects, existing or planned, are in natural environments associated with a range of geohazards. The term “geohazard” describes any geological or geomorphologic event or process that could be an immediate or potential hazard that may lead to pipeline damage or even failure.**

As shown in Figures 1 and 2, in areas characterised by seismicity the integrity of an onshore or offshore pipeline may also be threatened by the earthquake-related geohazards, i.e. the strong ground motion (SGM) and the permanent ground deformations (PGDs) due to:

- Active-fault ruptures,
- Soil-liquefaction phenomena (i.e. vertical settlements and/or lateral spreading)
- Earthquake-triggered slope instabilities (i.e. reactivation of pre-existing landslides or first-time failures)

It is evident that in north Europe, where plenty of onshore and offshore pipelines have already been constructed, the seismic hazard is low, while on the contrary, the seismic

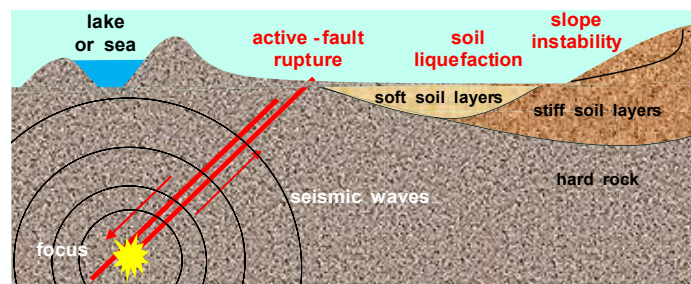


Figure 1. Sketch showing the main earthquake-related geohazards (i.e. strong ground motion, active-fault rupture, soil liquefaction phenomena, and slope instabilities).

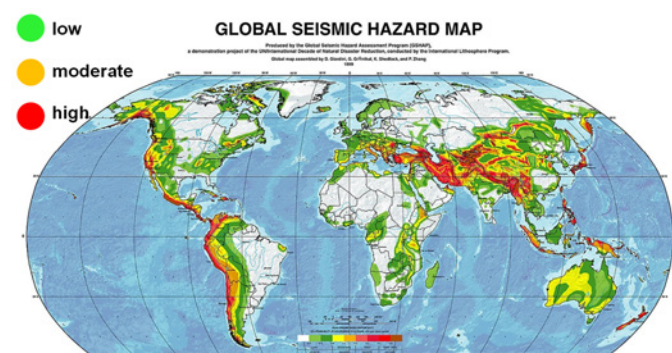


Figure 2. Global seismic hazard map in terms of peak ground acceleration (PGA) at the rock outcrop or bedrock.

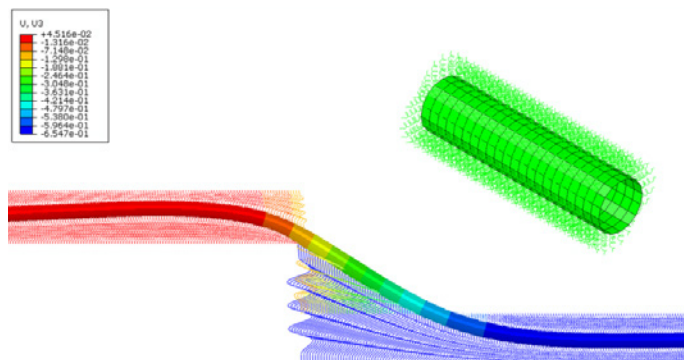


Figure 3. Numerical verification of a high-pressure gas pipeline crossing an active outcrop fault.

hazard is rather high in South Europe, where many new onshore and offshore pipelines are expected to transfer in the near future most of the hydrocarbons of north Africa, Middle East, central Asia and Mediterranean Sea to Europe.

Note that local site conditions (i.e. soil and topographic conditions) alter substantially the PGA levels at the ground surface, leading thus to lower safety factors of slope instability and soil liquefaction phenomena.

SGM and fault ruptures are direct threats to pipelines (see Figure 3), while the rest are considered to be indirect threats since they are events of ground failure caused by SGM. It should be noted that slope stability depends strongly on the level of SGM, since the inertial forces caused by a severe seismic ground shaking may lead to the failure of a slope, considered to be very stable under static conditions.

Evidently the avoidance of the potentially problematic areas is the optimum solution at an early stage of the design process, while on the contrary, the application of mitigation measures to minimise the PGDs is regarded as an alternative option in the case that the pipeline routing has almost been finalised. Nevertheless, since earthquakes are accidental phenomena with a possibility of occurrence and most of the pipelines may accommodate certain strain levels without rupture, a balance between safety and economy may be achieved by applying the concept of strain-based design and the modern philosophy of seismic design, according to which, repairable damages (i.e. exceedance of yield strain) may be accepted in the case of the design earthquake, provided that the non-failure requirement has been fulfilled (i.e. non exceedance of failure strain).

That makes the seismic design of an onshore or a shallow-water offshore pipeline (where field monitoring and immediate repair of the potential damages are feasible) a difficult problem of soil-structure interaction and a demanding step of engineering design, especially

when cost-effectiveness and speed are the main requirements of the client / operator during the construction. Finally, it is worth mentioning that most of modern seismic norms (e.g. Eurocode8) require the quantitative assessment of soil liquefaction or slope stability (i.e. safety factors, PGDs) and the corresponding pipeline verifications. Nevertheless, the simplistic provisions of the seismic norms are not really able to

sufficiently cover all issues related to the assessment of earthquake-related geohazards and seismic design of onshore pipelines, while there exists no norm worldwide that covers the seismic design of offshore pipelines.

For further information please contact: Prodromos Psarropoulos: [prod@central.ntua.gr](mailto:prod@central.ntua.gr) or Andreas Antoniou: [andreasan19@yahoo.com](mailto:andreasan19@yahoo.com)

## An Innovative Multi-technology Anti-collision Detection System

SwissTip S.A.

**Hearing the alarm of a truck which is manoeuvring in the noisy, busy environment of a construction site is not easy, especially if you are subject to warning signals all day long and you no longer really pay attention. With this in mind, the engineers from SwissTIP have developed a unique system for protecting workers, the PACHOM® system.**

PACHOM® is a product which will revolutionise accident prevention in the world of building and civil engineering work.

### PACHOM®: the smart system

What is PACHOM? PACHOM comprises 3 devices: a UPI™, a UBEP™ and UCP™. It provides danger-zone detection, both for non-equipped persons, workers who are equipped with an individual protection (UPI™) device and objects/structures with a built-in safety camera system. The system is particularly designed for industries using heavy equipment. It provides the best control of safety risks and the required equipment control all in one easy-to-install device. PACHOM® calls upon several technologies including RF (EM field) technology that is immune to environmental conditions such as dust, dirt, mud, rain, snow, ice, darkness, and sunlight. PACHOM®'s RF system is designed to control the geometry (shape) of the RF signal, so that only the exact zone of risk of danger is covered thus limiting false alarms. The ingenuity of the PACHOM® system lies in the fact that it not only warns the construction machinery driver but it also directly involves the person concerned by the danger. Whereas other systems attract the attention of the various workers on a site via a sound or visual alarm, or any other method, PACHOM® calls on the survival reflexes of the worker using a strong vibration on the skin. The system consists of a bracelet - which, depending on the model, can also serve as a watch - generating a warning by vibrations on the wrist of the worker, only when there is a risk. The equipment can be equipped with an UBEP which will not only provide vision but will as well emit a



signal, which will be received by the vibrating bracelets, in pre-determined geographical areas that are considered to be dangerous. Various studies by the INRS (Institut National de Recherche et de Sécurité - French National Institute for Research and Safety) demonstrate the difficulty in resolving the problems of risks linked to the proximity of workers and construction machinery.

The more machines there are moving around a site, the greater the risk of an accident. In 2015 the INRS published its updated study entitled "Prévenir les collisions engins-piétons - Preventing collisions between machinery and pedestrians" analysing five devices for prevention by detecting the presence of people: ultrasound, radio electric markers, image analysis, radar and laser. All these systems depend mainly on the vigilance of the construction machinery driver who, as the main player in the safety of pedestrians, is subject to extra stress. This may not only reduce productivity but may also even be the cause of accidents. The PACHOM® system is totally innovative in that it reverses the usual trend. The idea is to use as many UBEPs as there are hazard sources (the device is attached at the rear, on the front and on the sides of the construction machinery) to secure certain geographic areas around the machinery. The more distinctly the areas to be protected are marked, the more efficient the prevention will be, and accidents will be more easily avoided. The system is reliable and durable.

### Safety for all

For customers Pachom® remains a preventive device which can be used by all workers, and which is applicable to all current and future construction machinery. The initial



investment for each system remains totally reasonable and affordable in relation to the efficiency of the protection, which makes it possible to reduce the risk of industrial accidents considerably. There are no false alerts, limited site stoppages and guaranteed gains in productivity.

### **Advantages: efficiency and responsiveness**

Every day on construction sites prevention efforts are applied by standard common denominator systems: all operators on the site are notified of the danger, without any particular distinction. This depersonalises the alarm and makes it less effective. PACHOM® offers an answer to these working conditions in order to provide real, effective prevention on construction sites, based on direct feedback from the field. PACHOM® combines realism and the



authenticity of an innovative product designed to serve the overlapping interests of company managers and staff in the best way possible.

For further information, please visit: [www.pachom.com](http://www.pachom.com)

## **Regional Meetings**

**IPLOCA regularly hosts regional meetings which are an opportunity to meet association colleagues in a smaller forum than at the convention, to invite clients to discuss their proposed projects and to engage potential members of the association in addressing topics of particular relevance to their region.**

Regional directors are encouraged to organise such meetings every couple of years to further engage members around the world at a local level and to invite non-member companies to become familiar with IPLOCA. All the meetings include presentations from IPLOCA and invited guest speakers and usually finish with an informal buffet lunch or dinner.



### **Langfang, P.R. China**

Our Regular Member, China Petroleum Pipeline Bureau hosted a regional meeting for the East and Far East at the Langfang International Hotel,

Langfang (close to Beijing), on 13 April. IPLOCA Director for East and Far East Ma Chunqing, Director for Associate Members Jaya Sinnathurai, and Executive Secretary Juan Arzuaga were on site to greet attendees and answer questions. Subsequent to this meeting, a new Associate Member, Luoyang Deping Technology Co. Ltd. has joined the association and two other potential Associate Members have expressed interest. The agenda also

included an opening speech and a presentation about New Technologies given by Juan Arzuaga at the 2016 Interpipe Conference and a visit to the China International Pipeline Exhibition and Forum on 12 April, in the Langfang International Convention Centre.

### **Moscow, Russian Federation**

A regional meeting was held in Moscow, Russian Federation on 26 April, organised by our Regular Member Stroygazmontazh. Director for Europe Eastern, Iosif Panchak hosted the event at the Baltschug Kempinski Hotel, attended by 47 participants. The all day programme included presentations by representatives of Russian and foreign companies on perspectives and opportunities for the development of the Russian and Eastern European pipeline industry up to 2020. Copies of the presentations made are available on the IPLOCA website.



### **Parma, Italy**

A Regional Meeting for Europe Mediterranean is scheduled for Thursday, 9 June at the NH Hotel in Parma, Italy, organised by our Regular

Member, Bonatti S.p.A. Oliviero Corvi, IPLOCA Director for the region, will be hosting the event. The programme includes a morning of presentations by IPLOCA and industry representatives, and an afternoon optional tour of the city. The meeting will be conducted in Italian and English, with translation as appropriate.

# Elections

## to the 2016-2017 IPLOCA Board of Directors

Elections to the IPLOCA Board of Directors take place every year at the annual convention as seats become vacant. Most elected board members serve for two years. Below is a list of 9 board seats becoming vacant beginning September 2016:

**2 Europe Eastern** (outgoing directors Haldun Iyidil and Iosif Panchak)

**2 Middle East & Africa** (outgoing directors Najib Khoury and Georges Hage)

**1 Europe Central** (outgoing director Mesut Sahin)

**1 America North** (outgoing director Larry Bolander)

**1 Latin America** (outgoing director Ebbo Laenge)

**1 East & Far East** (vacant seat)

**1 Associate Members** (outgoing director Steve Sumner)

If you are a Regular Member or an Associate Member and you would like to run for one of the vacant seats on the Board of Directors, please visit [www.iploca.com/elections](http://www.iploca.com/elections) where you will find the necessary documents to be completed and returned to the IPLOCA Executive Secretary no later than **Monday, 25 July 2016**.

### Voting

Each Regular Member company is entitled to one vote. If no-one from your company is able to attend the convention in order to vote, one vote per member company may be made on a proxy form (also available via a link on the website) and must be received by the Executive Secretary in the IPLOCA office at Le Méridien Etoile, Paris, no later than **Tuesday, 13 September 2016** in order to be counted.

### Geographic Regions

A list of member companies in each geographic region can be found as follows:

**East & Far East:** [www.iploca.com/eastandfareast](http://www.iploca.com/eastandfareast)

**Europe Central:** [www.iploca.com/europecentral](http://www.iploca.com/europecentral)

**Europe Eastern:** [www.iploca.com/europeeastern](http://www.iploca.com/europeeastern)

**Europe Mediterranean:** [www.iploca.com/europemediterranean](http://www.iploca.com/europemediterranean)

**Europe Northwest:** [www.iploca.com/europenorthwest](http://www.iploca.com/europenorthwest)

**Middle East & Africa:** [www.iploca.com/middleeastandafrika](http://www.iploca.com/middleeastandafrika)

**America North:** [www.iploca.com/americanorth](http://www.iploca.com/americanorth)

**Latin America:** [www.iploca.com/latinamerica](http://www.iploca.com/latinamerica)

A list of Associate Members can be found at [www.iploca.com/associatemembers](http://www.iploca.com/associatemembers). If you have any questions regarding the election process, please contact [juan.arzuaga@iploca.com](mailto:juan.arzuaga@iploca.com).

**Per the association's current by-laws (effective as of the AGM in Singapore 2016), the IPLOCA Board of Directors consists of a minimum of 12 and a maximum of 25 directors as follows:**

- Sixteen directors representing Regular Members (two per each of the 8 geographic regions as per our current membership), elected by the Regular Members
- Three directors, with full voting rights on the Board of Directors, elected by and representing the Associate Members of the association
- Five Officers of the board, appointed by the full board, form the Executive Committee and include The President, 1<sup>st</sup> Vice President, 2<sup>nd</sup> Vice President, Treasurer and Immediate Past President. (The Immediate Past President does not represent a region; the remaining officers are counted among the sixteen elected directors who represent the geographic regions.)
- Up to five Directors-at-Large, appointed each year by the Board of Directors at its first meeting, make up the remainder of the board. The Directors-at-Large are nominated by the Executive Committee and appointed following the approval of the full board. They are selected based on their active involvement and engagement in the work of the association, including in committee work, to capitalise on their knowledge and ensure continuity of leadership in certain areas.

# Scholarship Programme

**As announced in the September 2015 newsletter, IPLOCA has established a scholarship programme to assist children and grandchildren of employees of IPLOCA member companies who plan to continue their education in college, university or vocational school programmes.**

A limited number of scholarships will be offered each year as a financial contribution to full-time study at an accredited institution of the student's choice. The Scholarship Committee

was very pleased with the response for this inaugural year: over 220 candidates had applied by the 26 February 2016 deadline, of which 120 met the eligibility requirements. Narrowing the selection down to around 20 scholarship awards was not an easy task for Scholarship Management Services, a division of Scholarship America, who administers the programme on behalf of IPLOCA. As far as possible, two winners were awarded to Regular Members in each IPLOCA Geographic Region and four awarded to Associate Members. The successful candidates will be announced in the September edition of the newsletter and at the annual convention in Paris.



# IPLOCA Board of Directors

2015-2016



**Left to right front row:** Jan Koop, Rubén Kuri, Atul Punj, Andrew Ball, Jean Claude Van de Wiele, Juan Arzuaga. **Second row:** Jim Frith, Mesut Sahin, Haldun Iyidil, Georges Hage, Bruno Maerten, Marco Jannuzzi (retired), Ma Chunqing. **Third row:** John Tikkanen, Iosif Panchak, Doug Evans, Adam Wynne Hughes, Wilhelm Maats, Oliviero Corvi. **Fourth row:** Ebbo Laenge, Steve Sumner, Larry Bolander, Scot Fluharty, Doug Fabick, Najib Khoury, Bruno Guy de Chamisso.

## Officers

**Atul Punj** (Punj Lloyd)

President - Director, East & Far East

**Rubén Kuri** (ARENDAL)

1<sup>st</sup> Vice President - Director, Latin America

**Andrew Ball** (J. Murphy & Sons)

2<sup>nd</sup> Vice President - Director, Europe  
North-West

**Jan Koop** (Bohlen & Doyen)

Treasurer - Director, Europe Central

**Jean Claude Van de Wiele** (Spiecapag)

Immediate Past President

## Directors

**Haldun Iyidil** (Limak Construction

Industry and Trade)

Director, Europe Eastern

**Iosif Panchak** (Stroygazmontazh)

Director, Europe Eastern

**Mesut Sahin** (Mannesman E&C)

Director, Europe Central

**Oliviero Corvi** (Bonatti)

Director, Europe Mediterranean

**Bruno Guy de Chamisso** (Spiecapag)

Director, Europe Mediterranean

**Adam Wynne Hughes** (Pipeline Induction Heat)

Director, Europe North-West

**Larry Bolander** (Fluor)

Director, America North

**Scot Fluharty** (Mears Group)

Director, America North

**Ebbo Laenge** (Conduto)

Director, Latin America

**Georges Hage** (The C.A.T. Group)

Director, Middle East & Africa

**Najib Khoury** (CCC)\*

Director, Middle East & Africa

\*appointed by the Board of Directors

**Ma Chunqing** (China Petroleum Pipeline)

Director, East & Far East

**Jaya Sinnathurai** (Caterpillar)

Director, Associate Members

**Steve Sumner** (Lincoln Electric)

Director, Associate Members

**Doug Fabick** (PipeLine Machinery)

Director, Associate Members

## Directors-at-Large

**Doug Evans** (Gulf Interstate Engineering)

**Jim Frith** (McConnell Dowell)

**Wilhelm Maats** (Maats Pipeline Equipment)

**Bruno Maerten** (Entrepose)

**John Tikkanen** (ShawCor)

## Executive Secretary

**Juan Arzuaga**

# Upcoming Events

**IPLOCA Regional Meeting for Europe Mediterranean**  
9 June - Parma, Italy



**East Africa Oil & Gas Exhibition and Conference**  
10-12 June - Nairobi, Kenya  
[www.expogr.com/kenyaoil/index.php](http://www.expogr.com/kenyaoil/index.php)

**IPLOCA HSE Committee Meeting**  
(HSE Committee Members only)  
22 June - Geneva, Switzerland



**IPLOCA Workshop on "Safety Assessment Efficiency"**  
23 June - Geneva, Switzerland



**50<sup>th</sup> IPLOCA Annual Convention**  
12-16 September - Paris, France



**APGA – Australian Pipelines & Gas Association – Convention & Exhibition**  
8-11 October - Perth, Australia  
[www.apga.org.au](http://www.apga.org.au)

**IPLOCA HSE Committee Meeting**  
(HSE Committee Members only)  
25 October



**IPLOCA Novel Construction Initiative Fall Session**  
26-27 October



**Pipeline Leadership Conference**  
15-16 November - Denver, CO, U.S.A.  
[plconference.com](http://plconference.com)

**Conexpo - CON/AGG**  
7-11 March 2017 - Las Vegas, NV, U.S.A.  
[www.conexpoconagg.com](http://www.conexpoconagg.com)

**Pipeline & Energy Expo (ex Tulsa Pipeline Expo)**  
4-6 April 2017 - Tulsa, OK, U.S.A.  
[pipelineenergyexpo.com](http://pipelineenergyexpo.com)

## Other Important IPLOCA Dates

**Member News for IPLOCA September Newsletter**  
15 July - Deadline for submissions  
Email [caroline.caravellas@iploca.com](mailto:caroline.caravellas@iploca.com)

**IPLOCA Annual Convention**  
3 August - Cut-off date for registration

**Member News for IPLOCA December Newsletter**  
15 October - Deadline for submissions

## IPLOCA Media Partners

Look out for the IPLOCA 50<sup>th</sup> anniversary supplements and articles in our media partners publications.

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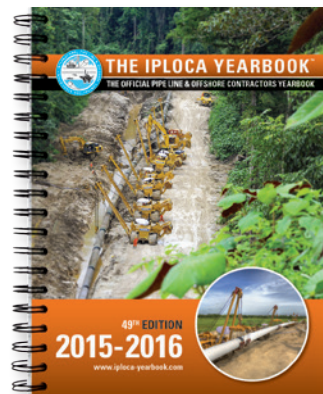
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