



THE IPLOCA NEWSLETTER

JUNE 2015



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LIEBHERR

The Group



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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The Pioneering Spirit
Courtesy of Allseas

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Letter from the President

“I want to sing, sing a song for Singapore – with every generation there’s more to be grateful for...”; an excerpt from a song written for Singapore’s 45th anniversary celebrations, four years ago. And yes, you have worked it out, Singapore will be holding its 50th celebrations the same year as IPLOCA! So, you could say it is appropriate that we hold our upcoming convention there, which will herald the start of our big anniversary year.

The Singapore Convention brochure was mailed out at the end of May and registrations opened on 1 June. Do be sure to register early, as we expect demand for places to be high. I have a special message for all our delegates this year: please ensure that you only register for those events and tours that you will definitely be attending, and if you do need to make changes to your programme, make sure you inform the registration team ahead of time.

I would like to take this opportunity to express our gratitude to all our sponsors – longstanding and new - for their invaluable support. The convention would not be the same without you.

As has become our custom, we will be presenting three industry awards during the Open General Meetings in Singapore: the IPLOCA 2015 Health & Safety Award sponsored by Chevron, the IPLOCA 2015 Corporate Social Responsibility Award sponsored by Total and the IPLOCA 2015 New Technologies Award sponsored by BP. Please refer to the article on page 16 which describes the rationale and value to members of these awards.

Not only did we reach record breaking numbers at the March Novel Construction meeting in Geneva: 63 attendees from 38 companies, significant progress was also made on the new edition of The Road to Success, which will be published next year ahead of our 50th anniversary convention. You can read the meeting report and the descriptions of some of the new technologies presented on pages 18 to 22. For those of you who haven’t yet registered, there are a few places available for the one-day Safety Workshop organised by the HSE Committee, in Geneva on 1 July (see page 15).

The regional meetings held in Mexico City, London, Abu Dhabi and Dunkirk were greatly appreciated by local members and their guests. My thanks to the directors who hosted these events. We are also grateful to our East & Far East Directors for organising a meeting in their region, to be held on 2 June in Kuala Lumpur, and coinciding with the OGA Convention taking place there.

I look forward to seeing you all in Singapore for an exciting and exhilarating week of business meetings and social programmes.

Sincerely,

Jean-Claude Van de Wiele

News from Geneva

Caroline Green's 10th Anniversary with IPLOCA

Well, it may have been April Fool's Day, but Luc Henriod, the then IPLOCA Executive Secretary, was no fool in offering Caroline Green the position of Office Manager when IPLOCA moved from Gent to Geneva in 2005.

Her first convention was the Association's 39th, in Vancouver in September 2005 and she has not missed a single one since, becoming Membership & Convention Manager in 2007. And what did she receive to mark the occasion? Well, what else but a new office chair – after 10 years, the old one had worn thin! The Geneva Secretariat staff did not miss this opportunity to celebrate Caroline's 10th anniversary at a lakeside restaurant on a beautiful spring day. Please join us in congratulating Caroline – and may she stay another ten!



From left to right: Caroline Caravellas, Business Administrator; Sarah Junod, Accounting Manager; Caroline Green, Membership & Convention Manager; Juan Arzuaga, Executive Secretary; and Emma Hachfeld, Administration & Convention Coordinator.

Health & Safety Statistics Overdue

This is a reminder to all members who haven't yet submitted their Health & Safety Statistics, to do so as soon as possible. It is a requirement of regular membership in the association. We would strongly encourage you to submit your Environmental Statistics at the same time. Both statistics returns are now available on easily completed online fillable forms. **Please note**, as determined by the Board of Directors, Regular Members whose companies do not submit their Health & Safety Statistics **are not entitled to attend the Annual Convention**.

New Tool on IPLOCA Website

We all know how difficult it is to ensure we have noted important dates in our individual diaries! With this in mind, we have added an "Add to Outlook Calendar" feature to our website for IPLOCA meetings and events open to

IPLOCA Website Re-design

We are currently working on a project to improve our website. It will be mobile device user friendly and its current design will be refreshed. A new site map will allow for intuitive and easy navigation. The project is expected to be finalised by September 2015.

If you have any ideas for improvements that you would like to share with the Secretariat, please contact caroline.caravellas@iploca.com.

Sister Associations

PLCA (Pipe Line Contractors Association)'s 67th Annual Convention

IPLOCA President Jean-Claude Van de Wiele and Executive Secretary Juan Arzuaga were amongst the 687 attendees at the PLCA's 67th Annual Convention from 24 to 28 February 2015 in Carlsbad, California. At this event, Frank O. Welch was elected 2015 President. He has served as a Director on the PLCA Board of Directors from 2005, being

elected Treasurer in 2012 and Vice President in 2013 and 2014. He has been with Rockford Corporation since 1999, becoming President in 2005.

Name change for Australian Pipeline Industry Association

Reflecting the Australian Pipeline Industry Association's role as the representative of gas transportation and its unique insight into the whole natural gas market, the association

has changed its name to the Australian Pipelines and Gas Association. Under its new name, it will continue to contribute to gas policy development, highlighting the value of natural gas to the Australian economy. For further details please refer to their website: www.apga.org.au

World Federation of Pipeline Industry Associations



During the PLCA Convention on 25 February, the members of the World Federation of Pipe Line Industry Associations met to discuss subjects of common interest.

PLCAC (Pipe Line Contractors Association of Canada)'s 61st Annual Convention



IPLOCA's 2014-2015 President, Jean-Claude Van de Wiele with his wife Martine and IPLOCA's Executive Secretary, Juan Arzuaga accompanied by his wife Alejandra at the PLCAC's 61st Annual Convention.

PLCAC's 61st Annual Convention took place in Maui, Hawaii from 13 to 17 April and brought together PLCAC members for a colourful, informative and memorable experience. Hosting approximately 480 attendees, the convention was held at the Hyatt Regency Resort and Spa located on Ka'anapali Beach. At this event, PLCAC elected its new President, Mark Scherer who is the Senior Vice President Utilities at Aecon, located in Toronto, Canada.

Board Meeting Update

New Delhi

The first Board of Directors meeting of this year was held in New Delhi from 4 to 6 March. Here are the highlights from that meeting:

Client Engagement Committee

Target companies were selected and names suggested as speakers for the Open General Meetings at the Singapore Convention. This would be the first step towards inviting client companies to join IPLOCA as Corresponding Members – a new category being considered that would allow clients to participate in the activities of IPLOCA.

HSE Committee

The questionnaire, to gauge interest in issuing an updated version of the Safety Trainers Tool DVD, has been delayed until the PLCAC has completed their update of the safety training system on which the DVD is based. Reminders have been sent out to those members who have not yet

submitted their Health & Safety statistics. Information on the 2015 IPLOCA Health & Safety Award sponsored by Chevron and the 2015 IPLOCA Environmental Award sponsored by Shell has been communicated to members so that they can prepare their entries.

A workshop on "The Role of Safety Myths in the Prevention of Incidents" will take place at the Mövenpick Hotel, Geneva, on 1 July 2015. All companies are encouraged to send their HSE managers to actively participate in this workshop.

New Technologies Committee

The Spring Plenary Session would take place from 25 to 26 March in Geneva. Several presentations on new technologies would be given (see pages 18 to 22 of this Newsletter).

New Award

The new award to recognize Excellence in Project Execution has been postponed until next year, so that there are three awards per year, instead of 4 awards one year and 2 awards the next. (In 2015, in addition to the HSE awards, the New Technologies Award will be presented.)

Scholarship Committee

The new on-line application form is being finalized with the objective of launching this programme during this year.

Minutes of the Munich Meeting

The minutes from Munich were reviewed and approved.

Treasurer's Report

Treasurer Harald Dresp provided the annual report for 2014 (unaudited) and the approved budget for 2015. He said that the budget is basically conservative with reliance on membership fees. He informed the Board that with respect to the outstanding payments, some companies are late in paying due to economic restrictions.

Regular Member Approved

Kauno dujotiekio statyba (KDS) AB, Lithuania, www.kds.lt

Associate Members Approved

Cyntech Construction Ltd., Canada, www.cyntech.com

LOGSTOR A/S, Denmark, www.logstor.com

OGASCO, U.A.E., www.ogasco.ae

Name Changes

Axson Coatings to **BS Coating**, France

Bohlen & Doyen Bauunternehmung GmbH to

Bohlen & Doyen GmbH, Germany

Dhatec Line Pipe Logistic Solutions to

Dhatec, a ShawCor Company, The Netherlands

Entrepose Contracting to **Entrepose Group**, France

NDT Systems & Services GmbH & Co. KG to

NDT Global GmbH & Co. KG, Germany

Resignations

ESAB Holdings Ltd., U.K.

Globalstroy Engineering, Russia

NGS-Orgproecteconomica-ECMOS, Russia

Temporary By-laws Committee

The review of the four manuals, replacing the Aide Memoire, will be finalized by the June Board meeting. It was proposed that a list of accomplishments be written for each presidential year, and this document would contribute to updating the history of IPLOCA on an ongoing basis. The final version of the revised By-laws will be submitted to the next Board meeting for approval, in view of it being ratified at the AGM in Singapore.

Conventions

Preparations for the **Singapore** Convention are going well and an update was given on the progress including hotel arrangements. A report on the tours and the rest of the programme will be made at the June Board meeting.



IPLOCA directors at the President's Dinner in the Taj Mahal hotel, New Delhi, India.

A list of speakers to approach was proposed and the final slate will be decided upon in June.

The Board was informed that the **Paris** Convention will close the year of the 50th anniversary celebrations. The contract with the Hyatt Regency Paris Etoile has been signed and the venue for the President's Dinner has been contracted.

Future Convention Locations

Possible locations for the 2017 convention in Latin America were discussed, including Argentina, Brazil and Mexico. In addition, various locations are being considered in Europe North West for 2018.

Regional Meetings

In **Mexico City**, on 5 February, seventy participants attended the regional meeting, hosted by Director for Latin America, Rubén Kuri of ARENDAL. The Board expressed its appreciation to ARENDAL for such a successful event.

The **London** regional meeting for the Europe North West area was scheduled for 10 March and Andy Ball, Director for Europe North West provided an update on preparations for this event.

Director for Middle East & Africa, Aqeel Madhi updated the Board on preparations for the regional meeting scheduled for 21 April in **Abu Dhabi**, which would include presentations from guest speakers on onshore and offshore pipeline initiatives.

With regards to the **French** regional meeting to be held in Dunkirk on 28 May, the Board was informed that a request had been received from the City of Dunkirk to hold the meeting at that location and consequently the City Council has part sponsored the event.

[..] Board Meeting continued

The **Kuala Lumpur** meeting to be held on 2 June will be the first one in the region for a long time and will coincide with the Oil and Gas Asia Convention. Petronas, Fluor, Shell and AECOM are being targeted as speakers.

Membership Benefits

A new Membership Benefits document was approved and subsequently added to the website, as a downloadable document, in the Membership Centre.

Media Partners

Following a discussion about accepting new media partners, the Board decided to review any new partnership requests when the current media partners' contracts come up for renewal in 2016.

Use of 50th anniversary logo

It was agreed that the 50th anniversary logo can only be used as of the beginning of the 50th year, i.e. immediately after the Convention in Singapore in October 2015.

Member News

Technip's Subsidiary Tipiel Awarded a Contract for a New Gas Pipeline in Peru

Tipiel S.A., Technip's subsidiary in Colombia, was awarded by the Consorcio Constructor Ductos del Sur, a front-end engineering design and detailed engineering design contract, on a lumpsum basis. This covers the development of a new gas pipeline to transport gas from the Camisea field to Southern Peru. Launched by the Peruvian government, the project consists of more than 1,700 kilometres of 32" gas pipeline. It aims to improve the existing Peruvian Energy Network, contributing to the development of an Energy Node and Petrochemical Hub in Southern Peru. The overall work will be performed by Tipiel's offices in Bogota, Colombia.

Fluor Selected by SOCAR as Project Management Contractor on World-Scale Project

The State Oil Company of Azerbaijan Republic (SOCAR), as a result of a bidding process, awarded Fluor Limited, a subsidiary of Fluor Corp., a contract to provide project management contractor services for its new USD 16.5 billion oil-gas processing and petrochemical complex (OGPC) in Azerbaijan.

The OGPC megaproject has multiple interfaces not only between process units, utilities and offsite facilities, but also between the new gas processing and petrochemical facilities. The complex will be located on a greenfield site 60 km southwest of Baku. As the project management contractor, Fluor's UK office will support SOCAR's selection and management of future contractors that will perform detailed engineering, procurement, construction, commissioning and start-up of the gas processing plant. Fluor will also cover front-end engineering design, detailed engineering, procurement, construction, commissioning and start-up of the petrochemical plants including associated offsite facilities.

Connecting Italy: MAX STREICHER S.p.A. and the Zimella – Cervignano Pipeline Project

The construction of the largest pipeline (diameter 56"/DN 1400) in Italy is almost completed in the southern part of Lake Garda on behalf of Snam Rete Gas. MAX STREICHER S.p.A. was commissioned with the construction of two out of four lots. The lots cover the construction of 53 and 42 km of the pipeline which runs through the regions of Veneto and Lombardy.

Ninety thrust borings as well as 10 crossings using the microtunnelling method were carried out along the two lots. Some 1.5 km of pipelines run through nature reserves, where two crossings were performed by direct pipe technology. So far, this technology had been used mostly for a diameter of 48". In the north of Italy the procedure proved itself on 56" pipes.

MAX STREICHER S.p.A. has already completed both pipeline spreads in April. The Zimella – Cervignano project will strengthen the existing facilities from east to west along the Po Valley by increasing pipeline transport capacity. This infrastructure will connect the sources of supply located in the northeast and central north regions of Italy, with the natural gas consumption centres and storages in the northwestern regions.



Technip Awarded FEED Contract for the Liuhua Fields in the South China Sea

Technip and its consortium partner China Offshore Oil Engineering Company (COOEC) have been awarded a front end engineering design (FEED) contract by China National Offshore Oil Corporation Limited (CNOOC Ltd.) for two tension leg platforms (TLPs) for the Liuhua 11-1 and 16-2 joint development project located in the South China Sea. (ATLP is a floating production platform anchored by tensioned cables, thus limiting vertical movement caused by heavy swells. This platform design allows for the well heads to be located at the surface, on the platform.)

As key technical partner to COOEC, Technip will carry out the FEED work of China's first two TLPs. The contract covers the design and engineering of the topsides (including two drilling rigs), hulls, mooring and riser systems. It is expected to be completed by the end of 2015. Technip's operating centre in Houston, Texas, USA, will execute the FEED contract.

Management Changes at Quanta Services and Nacap Australia



Mr. Mark Bumpstead has been appointed as President, Quanta Services Australia, following a tenure of 13 years as Managing Director / President of Nacap Australia. Quanta purchased Nacap in 2013. Mr. Bumpstead replaces Mr. Mark Twycross who has left the company to establish his own consultancy business.



As a result of these changes, Mr. Matthew O'Connell has accepted the role of President of Nacap. Mr. O'Connell was previously Executive Vice President and he has been with the company for 15 years.

Herrenknecht's Semi-Trenchless Method for Pipeline Installation

Herrenknecht's newly developed semi-trenchless method for pipeline installation has completed its third successful mission. South of Stockholm, using Pipe Express®, Züblin Scandinavia AB installed a water pipeline more than a kilometre in length within twelve days. Groundwater lowering was not required despite a water level just below the terrain's surface. Compared to conventional

open-cut construction the method has significantly less impact on the environment, while simultaneously minimizing costs.



The benefits were obvious to Mats Ohlsson, project manager of client Stockholm Vatten: "For open-cut construction we would have needed sheet piles and we would have had to lower the groundwater."

The Pipe Express® method from Herrenknecht, however, requires no lowering of the groundwater. The construction company made the most of this enormous budget and time advantage. It used Pipe Express® for the laying of a 1,036 metre long section of a 48-inch water pipeline near Huddinge, some 10 kilometres south of Stockholm.

Fluor Awarded Engineering and Design Contract for Natural Gas Field Development in Brazil

Fluor Corporation (NYSE: FLR) announced that its CFPS Engenharia e Projetos, S.A., consortium with Construcap Engenharia e Comércio was awarded an engineering and design contract by exploration and production company Parnaíba Gás Natural (PGN) for a natural gas field development project in the Parnaíba Basin in Maranhão state in Brazil. PGN is Brazil's leading private gas exploration and production company with a number of concessions in the region.

Fluor booked its share of the contract for an undisclosed value in the first quarter of 2015. The consortium will be responsible for the engineering and design of a gas gathering system that will allow PGN to achieve its 2016 production target. In addition, the project involves a 40-kilometre gas pipeline that will connect the Gaviao Branco production and treatment facility in the Parnaíba Basin to the central gas processing facility located in Maranhão state. The engineering work will be executed by CFPS in its São Paulo, Brazil office.

Membership Centre

New Regular Member



Kauno dujotiekio statyba, AB is one of the largest pipeline contractors in the Baltics, rapidly expanding its operations

in the Central European region. The company is active in all pipeline construction, reconstruction and renovation projects. Founded in 1964 in Lithuania and member of the KDS Group, Kauno dujotiekio statyba (KDS) is the proud owner of a reference portfolio that includes strategic

oil & gas constructions – both past and currently under implementation. KDS is OHSAS 18001, ISO 9001, ISO 14001 and ISO 3834 certified and qualified according to the Achilles Joint Qualification System. It uses its own in-house laboratories and continues to invest in top-class equipment and construction technologies.

Kauno dujotiekio statyba, AB

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www.kds.lt

New Associate Members



Since 1981 **Cyntech Construction Ltd.** has been committed to providing innovative and cost

effective solutions to the energy and petro-chemical industry. Its advanced anchor designs, combined with its patented exclusive non-corroding, low stress polyester pipe saddles, provide unparalleled performance and longevity. They offer cost savings of up to 70% over traditional pipeline buoyancy control methods. Cyntech's anchor systems eliminate the need for concrete weights, sand bags or concrete coated pipes to control pipeline buoyancy.

Personnel and equipment hours, materials, storage and transportation costs are all reduced significantly. Cyntech's anchor systems have been proven under actual field conditions in numerous installations by leading corporations in the pipeline industry around the world.

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LOGSTOR A/S is the global leader in thermally insulated

pipelines with a successful track record of over 15 years in offshore, onshore and LNG markets. LOGSTOR's leadership relies on safety and efficiency with their insulation system ready to tackle challenges in all three sectors of the oil and gas market. LOGSTOR delivers end-to-end solutions as well as simplified logistics to meet project needs. Its success has been driven by

an expanding global presence and superior focus on leadership, execution and technological excellence.

LOGSTOR A/S

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www.logstor.com



Established in 1994, **Oil & Gas Construction Company / Factory LLC (OGASCO)** is a privately owned and

operated company with over 20 years

of experience in steel fabrication and EPC contracts. OGASCO caters to a diverse clientele base and provides products, services and customised solutions to ensure customer satisfaction throughout the project lifecycle. Attention to safety and detail are key to its continued success in providing customers with high quality services. Consequently, OGASCO has implemented a system that reflects its commitment to quality, health, safety and

environment (QHSE), with the goal of being recognised as one of the leading construction companies in the region as well as a leader in QHSE performance throughout industry segments.

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Regional Meetings

Europe North-West in London 10 March

Regular Member, Land & Marine and Associate Members, CRC-Evans and RSK hosted a regional meeting on 10 March in London, attended by around 30 delegates. Presentations were made on aerial surveying and mapping; advances in coating and an overview was given on landfalls and linear winches. The afternoon finished with a lively questions and answers session, and a number of participants then attended the 58th Pipeline Industry Guild (PIG) annual dinner at the Grosvenor House Hotel, at which there were over 500 members and guests of the PIG.



Middle East & Africa in Abu Dhabi 21 April

A regional meeting for Middle East & Africa was organized by Regular Members The C.A.T. Group and NPCC in Abu Dhabi on 21 April. Over 100 participants listened to presentations from the following companies: ADMA-OPCO on technologically challenging projects with references to the Zakum oil pipelines replacement project; NPCC on subsea pipeline design challenges and emerging technologies; and ADCO about pipeline projects assurance and operations.



Dunkirk 28 May

On 28 May, Regular Member SPIECAPAG, together with Dunkerque Promotion and Pôle Mécanov, held a meeting in Dunkirk for French speaking members and guests. The programme was run exclusively in French and included an afternoon site visit to the Dunkirk multimodal port and industrial platform. Guest speakers from GRT Gaz, EUPEC and TOTAL made presentations, followed by lunch on board the Princess Elizabeth.



East & Far East in Kuala Lumpur 2 June

Punj Lloyd Limited and McConnell Dowell Corporation, both Regular Members, are holding a regional meeting on 2 June at the Impiana Hotel, Kuala Lumpur, supported by Lincoln Electric Company and Tat Hong. This is the first meeting in the region for many years and coincides with the OGA 2015 Convention. The programme includes onshore and offshore presentations from Petronas, Shell, Fluor and AECOM.

For more details on these meetings, visit www.iploca.com



Don't Delay
 A maximum of 650 participants may attend!
 Registration deadline: 28 August

Singapore

Convention Update

It's time to register! Arrangements for the Singapore Convention are now in the final stages. Online registration is open at www.iploca.com and the convention brochure is in the mail, if not already in your hands. For sponsorship opportunities, please see page 14.

with other attendees. Further information will be posted on www.iploca.com once the convention app is fully developed. Do try it out and let us know what you think!

What to Do and What Not to Do in Singapore!

To ensure you make the most of your visit to Singapore, we have included a list of the main "Dos & Don'ts in Singapore" in the convention brochure. Some of the rules and requirements may seem unusual to visitors:



IPLOCA Convention App

Using a smartphone application delegates will be able to check their tour and event

registrations, modify personal travel details and consult an interactive convention brochure with the complete programme of business meetings, speakers' biographies, social events and tours, and much more.

Singapore's clean and green image is the result of more than two decades of public education campaigns and strict laws against littering. As an extension of this law, the import, sale and possession of chewing gum is prohibited and is strictly enforced, after authorities noticed a prolific amount of chewed gum being stuck in subway stations and on cars. Since 2004, only chewing gum of therapeutic value is allowed into Singapore. However, gum chewers, beware – put your chewed gum in the bin or you could face a hefty fine! As suggested on one travel website, perhaps mints are a safer option...

On site, timely announcements or changes to the programme will be conveyed instantly via alerts and delegates will be able to use the convention app to connect



Convention Sponsorship Opportunities as of 20 May 2015

The call for sponsorship of the Singapore Convention has already met with significant response from our generous members, but there is still time to grab some great opportunities for visibility! For further information on the remaining sponsorship items, please contact caroline.green@iploca.com as soon as possible.

Special Functions

Directors & Wives Dinner

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

First-time Attendees Cocktails

Pipeline & Gas Journal / VACUWORX

Welcome Cocktails

Vermeer / Midwestern

Worldwide Machinery Welcome Dinner

Worldwide Machinery

Maats Golf Tournament

Maats Pipeline Equipment

Car for the Lottery

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

CRC-Evans Luncheon

CRC-Evans Pipeline International Inc.

PipeLine Machinery International Cocktails

PipeLine Machinery International

Caterpillar Party

Caterpillar

Fireworks

Laurini Officine Meccaniche

Audio Visual for Open General Meetings

Techint Engineering & Construction

and co-sponsorship available

Russian Simultaneous Translation

Argus Limited

Coffee breaks at Open General Meetings

The C.A.T. Group

Podium Flowers at Open General

Meetings

LIPSA

Spy Ladies Brunch

Pipeline Inspection

IPLOCA Membership Cocktails

Zakhem International Construction Ltd.

IPLOCA Membership Lunch - Buffet

Fluor

IPLOCA Membership Lunch - Wine

Magnatech Group BV

Gulf Interstate Cocktail Party

Gulf Interstate Engineering

Band at Final Banquet

HABAU / PPS / PSE

Entertainment at Final Banquet

HABAU / PPS / PSE

Audio Visual at Final Banquet

Nuova Patavium Srl

Wine at Final Banquet

Willbros Group, Inc.

Flowers at Final Banquet

Ledcor Group of Companies

DJ & Lights for Dancing 'til Dawn

American Augers

Open Bar for Dancing 'til Dawn

Specialty Polymer Coatings, Inc.

Decoration for Dancing 'til Dawn

Spiecapag / Geocean

Tour Programme

Monday, 5 October

Tour 1 - Uniquely Singapore

ARB / ARENDAL

Tour 2 - Singapore Zoo

Max Streicher GmbH & Co. KG aA

Tour 3 - Gardens by the Bay

Bonatti S.p.A.

Tuesday, 6 October

Tour 4 - Uniquely Singapore

Available

Tour 5 - Singapore Botanic Gardens

Lincoln Electric

Tour 6 - Gardens by the Bay

PWT

Wednesday, 7 October

Tour 7 - Sentosa Island

Available

Tour 8 - Singapore Botanic Gardens

Jindal Saw Ltd.

Tour 9 - Gardens by the Bay

Available

Tour 10 - Night Safari

Available

Convention/IPLOCA Functions

Convention Mobile App

Spiecapag

Registration Desk

Herrenknecht

Welcome Drinks at Registration (Sat/Sun)

SCAIP Srl

Registration Bags for the Men

ShawCor

Registration Bags for the Ladies

World Pipelines

Meet & Greet at the Airport

Punj Lloyd

Transfer Back to the Airport

Available

Bottled Water for Tours

Erciyas Steel Pipe

Photographers at the Convention

TECHNIP

Convention Photo CD

Applus RTD

Printing of Pocket Programme

Gorziane Group S.p.A.

Printing of Final Banquet Menu

Gorziane Group S.p.A.

Printing of Registration List

Pipeline & Gas Journal

Convention Fund Contribution:

Gorziane Group S.p.A.

Gifts

DENSO GmbH

Liebherr

Maats Pipeline Equipment

SICIM S.p.A.



Health, Safety and Environment

HSE Committee Meets in Geneva

The HSE Committee met at the Crowne Plaza Geneva on 24 March 2015.

At the date of the meeting, 65% of Regular Members had submitted their Health & Safety statistics. Although the deadline for submissions was 10 March, Regular Members who have not yet done so, are urged to submit this required information immediately. Submission of Environmental statistics is also highly encouraged. The new electronic form is working well but some clarifications on the instructions, included online in the guidelines, were requested during the meeting.

Lessons learned repository

An IPLOCA repository for lessons learned and best practices is currently being developed. The Committee encourages all our members to take advantage of this

Thank you Brian Tanner, CRC-Evans Offshore Limited

Effective from May 2015 Brian Tanner has left CRC-Evans Offshore Limited and has had to step down from his role within the HSE Committee. IPLOCA would like to offer its sincere thanks to Brian for his contribution, hard work and commitment as a member of the Committee over the last two years.

initiative and to share their experiences as contributions or Safety Alerts. Further details and information on how to participate will be sent to all members and will be available on our website, once the repository is fully developed.

REMINDER

Safety Workshop

The Role of Safety Myths in the Prevention of Incidents

For those members who are still hesitating, or have not yet registered, this is your last opportunity to book a place for your Corporate Safety Managers and leaders at the Safety Workshop taking place on Wednesday, 1 July 2015 in Geneva. Although attendance at the workshop is free of charge to members, registration is required. More information can be found at www.iploca.com/hseworkshop.





IPLOCA Awards

As we go to print, the deadlines for submissions for the 2015 IPLOCA Awards will have just passed. What awards, some may ask? Following a suggestion from the HSE Committee, we have summarized below the rationale behind the IPLOCA Awards, when they were first introduced and how they are adjudicated.

Mission and Objectives

Reflecting IPLOCA's mission of providing value to members and promoting the highest standards in the pipeline industry, the Association progressively put in place a number of awards, supported by sponsorship from major clients and operators, to help meet the following IPLOCA objectives:

- Promoting, fostering and developing the science and practice of pipeline construction
- Promoting safety
- Promoting the protection of the environment
- Contributing to social, cultural and environmental development programmes
- Encouraging efficiency

The current IPLOCA Awards are the following:



The Health and Safety Award

The first award to be introduced in 1999 was the annual Safety Award. It was renamed the Health and Safety Award in 2008 and sponsorship was granted to Chevron.

The Health and Safety Award is presented each year in recognition of members' initiatives, all of which are aimed at improving the health and safety of the pipeline industry such as:

- A unique innovation or initiative to avoid incidents
- A new and well-defined system, procedure or practice enhancing safety

- Implementation of lessons learned

IPLOCA's commitment to the promotion of health and safety is also fulfilled by the publication of annual aggregated health & safety and environmental statistics, submitted by its members.



The New Technologies Award

The New Technologies Award, sponsored by BP is presented every second year to a Regular Member or an Associate Member, giving recognition to a significant contribution to innovation in the engineering of, the provision of equipment for, and the construction of pipelines by virtue of:

- A technological or engineering breakthrough.
- A new piece of equipment, tool or construction supply
- A new type of permanent material
- Other relevant innovations



The Environmental Award

The biennial Environmental Award, sponsored by Shell, was introduced in 2005 and is in recognition of members' initiatives, all of which are aimed at reducing the impact of pipeline construction on the environment, such as:

- Reduction of greenhouse gases
- Impact assessment and public consultation
- Energy use and efficiency
- Waste management and reduction
- Spill response preparedness
- Water usage and preservation
- Soil and ground restoration
- Archaeology
- Flora and fauna



The Corporate Social Responsibility Award

The most recent award is the Corporate Social Responsibility Award, sponsored by Total and introduced in 2012.

It is presented every second year, alternating with the Environmental Award and is in recognition of members' initiatives, all of which are aimed at improving the living conditions of the people impacted by the pipeline industry such as:

- An initiative to address a specific need identified in the local community.
- A programme or practice demonstrating the corporate social responsibility of the company.
- A creative initiative in which a large impact is made with a small investment.
- A long term project, intended to be continuously supported by the company or another company, once the pipeline activity is complete.

The Excellence in Project Execution Award

The Excellence in Project Execution Award is a new award that will be introduced in 2016. The Award will be given in recognition of a significant excellence in the successful execution of a contract or subcontract for pipeline projects and/or their facilities which constitute a step change in both owner-company's satisfaction and a trademark for the contractor's execution capacity.

Value to IPLOCA Members

All these awards are also intended to provide value to our members by:

- Rewarding those who are "leading by example" and are in line with IPLOCA's objectives.
- Sharing information amongst all IPLOCA members; the winning entries are available online and all other submissions for awards are made available to our members upon request.
- Bringing new ideas to our members about "what else could be done" to keep up to date.
- Keeping members informed of the latest technologies developed by the industry to improve efficiency.
- Profiling the industry trends in HSE and corporate social responsibility to our members. What are the "leaders" doing? Creating a type of benchmarking.

Adjudication

The evaluation of all the entries is done by using balanced scorecards that are completed by each member of the Adjudication Committee and are openly discussed at the Adjudication Committee meeting. Shortlisted entries are discussed in a second round and only then the committee identifies winners and runners-up.

Results and reasons for selection are kept rigorously undisclosed and are only announced when the awards are presented during the Open General Meetings at the Convention and detailed in the December edition of the IPLOCA Newsletter and on our website.

For further details, see our website www.iploca.com

Recent winners of the IPLOCA Awards

Health & and Safety Award 2014



Winner: Saipem
Runners-up: J. Murphy & Sons, Nacap Australia, SPIECAPAG

Environmental Award 2014



Winner: Heerema Marine Contractors
Runners-up: ALSA Engineering & Construction, Max Streicher, Techint

Health & and Safety Award 2013

Winner: Nacap Australia
Runners-up: Max Streicher, JV McConnell Dowell Constructors (Aust) & CCC Australia, SPIECAPAG

New Technologies Award 2013

Winner: Herrenknecht
Runners-up: Applus RTD, Laurini Officine Meccaniche

Corporate Social Responsibility Award 2013

Winner: Heerema Port Amboin
Runners-up: SPIECAPAG, Welspun Corp

New Technologies

Novel Construction Initiative

The Novel Construction Initiative Spring Plenary Session took place at the Crowne Plaza Hotel in Geneva on Wednesday and Thursday, 25 and 26 March with 63 people from 38 different companies in attendance.

In addition to taking part in group work, delegates heard a number of new technology-focused presentations from guest speakers:

- Innovative coating solutions (PUPP lining, PU spacers) for trenchless pipeline laying – Cees Rombouts, RKT International bv *
- New Construction: Automating Alignment Sheets in CAD and/or GIS Utilizing a Central Data Centre – Rene Ramirez & Nichole Killingsworth, BSD Consulting, Inc.
- Innovative use of Maximo for Construction Fleet Management - Envisage PMV – Khaled Al-Shami, CCC
- Hydrostatic Test Plugs 'Means to an End or Ends to a Means' – Ron de Rijk, EST Group B.V.*
- LLS, Laurini Laying System – Giacomo Baione, Laurini Officine Meccaniche and LLS Advantages – Marco Laurini, Laurini Officine Meccaniche*

*Articles on these new technologies follow this report.

On Thursday each workgroup leader reported back to the plenary session. Significant progress was noted on preparations for the new edition of **The Road to Success**, which will be published next year ahead of the 50th anniversary convention. If you are interested in participating in further meetings, please contact the secretariat at novel@iploca.com or the appropriate group leader below and watch our website and newsletters for meeting announcements.



Workgroups & Leaders

Planning & Design

Criss Shipman (GIE), cshipman@gie.com

Earthworks & Crossings

Paul Andrews (Fluor), paul.i.andrews@fluor.com

Welding & NDT & Testing

Jan Van Der Ent (Applus RTD), jan.vanderent@applusrtd.com

Future Trends & Innovation

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Coatings

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HSE

Alan Gauthiez (Spiecapag), alan.gauthiez@spiecapag.com

The Advantages of the Laurini Laying System (LLS)

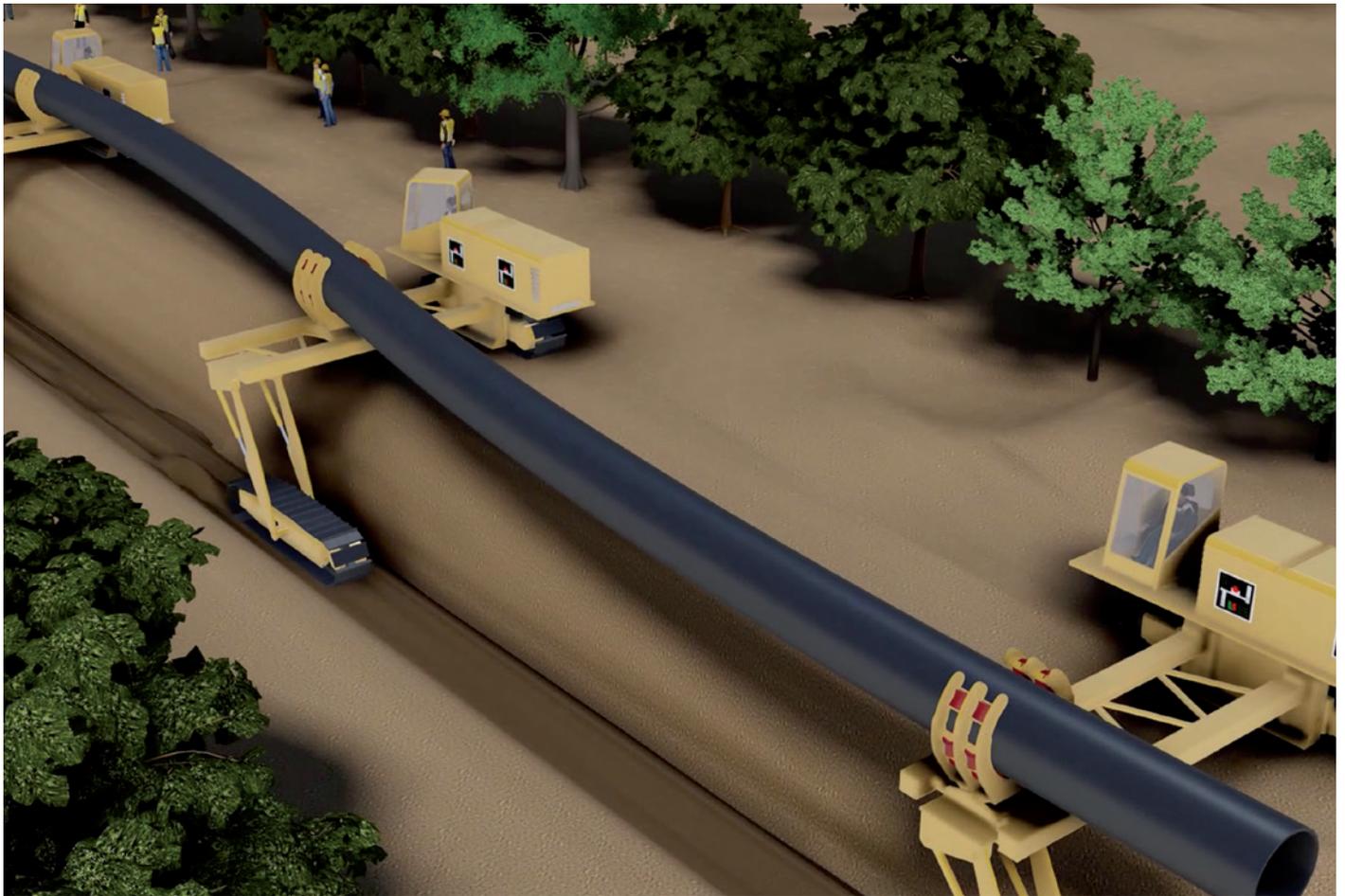
Laurini Officine Meccaniche

Pipelines are still built in the same way ever since pipes have been laid some 80 years ago, pipes are welded and then lifted and laid into the trench by sidebooms.

Technical innovation brought in during the 1960's by the introduction of hydraulic excavators and in the 1970's by automatic welding have contributed to a substantial increase in efficiency and speed. However there is still a market driven demand for a shift in technology to

generate productivity improvements. The project started in 2004 by BP and IPLOCA under the name of "Novel Construction" was aimed at increasing onshore pipeline construction productivity to the level of offshore methods. In the early days this project was also known as the "Land Train" or "Land Barge".

After years of development in what was defined the "innovation desert of onshore pipeline construction", the challenge has also been taken up by Marco Laurini of Laurini Officine Meccaniche of Busseto, Italy. Winner or runner up of the BP-sponsored IPLOCA New Technologies Awards in 2007, 2009, 2011 and 2013, Marco focused on



what was defined within the Novel Construction Initiative as “The Ideal Laying Machine”, a machine or a system that would meet the following requirements:

- Would be totally safe – i.e. would not be subject to tipping-over when overloaded.
- Would be easily transported to the next project. Risks and costs associated with machine transportation are more and more important to pipeline contractors.
- Would minimize “bureaucratic” requirements such as inspections and permissions; contractors need to complete a lot of paperwork in order to lift and lay pipes in certain countries.
- Would be useable in developed regions with high quality fuel, and also in less developed countries where only high sulfur content diesel is available.
- Would be more economical in terms of initial investment.
- Would allow a quantum leap in laying operations by contractors.

“My vision – says Marco Laurini – was that a revolutionary machine or laying system was needed to meet all of these requirements. It took a lot of thinking out of the box, developmental work and testing to create the Laurini Laying System (LLS) but we think we have achieved all these objectives. The LLS meets all the requirements of the “Ideal Laying Machine” and in addition it provides

other substantial benefits to the contractor, to the client, and in the end also to the general community.”

Laurini’s Technical manager Giacomo Baione guides us through some of the key benefits: The LLS is totally safe for the operator. One track sits on the right of way and the other track stays inside the trench. No matter how much load is put on the machine, the LLS cannot tip over. Unfortunately, nowadays, poor soil conditions, unexperienced operators, incorrect laying techniques are causing sidebooms to tip over, sometimes with dramatic consequences for the operator. This danger is completely eliminated when using the LLS. Having only one track on



the right-of-way means that the LLS needs approximately 3 metres less right-of-way than using a traditional sideboom with counterweight extended. This feature can be critical in some areas where a narrow right-of-way is imposed by the client. The load distribution between tracks gives the LLS another substantial advantage versus traditional sidebooms. Due to the revolutionary design the maximum load on one of LLS tracks will be about 50% of the maximum load on the left track of a traditional sideboom. This means better flotation and capacity to work in bad terrain conditions thus extending the working range of the LLS system. In contrast to the traditional sideboom, the LLS is not a lifting device. Therefore it is not subject to special certifications and verifications by governmental or safety agencies. This constitutes a considerable saving for contractors which is difficult to quantify specifically but every contractor will know what type of benefit this could be for his operations.

Marco Laurini is particularly proud of one specific feature of this new system: transportability. "Based on customer input from the field in past years, we have developed a welding tractor that could fit inside a 40 ft container. A similar system, which is covered by International Patent, has been designed into the LLS, allowing each LLS unit to be disassembled into modules that fit in a 40 ft open top container.

Another benefit of the modular design is the possibility to swap engine modules as separate units. This not only

allows proactive engine maintenance without operations being interrupted, but also allows for installation of Tier 4 or Tier 2/3 engines, according to the destination of the unit. With respect to the economics, calculations made indicate the LLS system requires one less unit for every 5 sidebooms used in the laying operation. In addition, the LLS unit is lighter, simpler and does not carry any dead counterweight, thus its unit cost will be considerably lower than one traditional sideboom. The LLS can handle various sizes of pipe, indicatively from 36" to 56", thus eliminating the need for two or three sizes of traditional sidebooms. A smaller LLS system is now being developed that will use the same patented design to handle pipes from 18" to 36"

Do we think we have found the universal answer to all pipe laying situations, or do we think the LLS will completely substitute the traditional sidebooms? "No" – says Marco Laurini. "We are well aware that traditional working methods for some activities, or certain specific portions of projects with steep slopes, or some utility work must be done by traditional sidebooms and will not cause the death or disappearance of traditional sidebooms. However we are strongly convinced that, like for trenchers versus the traditional hydraulic excavators, the LLS can provide a more economical, more efficient and certainly safer method of laying welded sections of pipes."

Laurini looks forward to providing IPLOCA Members with more details on the LLS, and to welcoming them to see the LLS in operation on various jobsites in the near future.

Innovative Coating Solutions (PUPP Lining, PUPP Spacer) for Trenchless Pipeline Laying

RKT International BV



RKT International BV (part of Rombouts Kunststoftechniek bv) was invited in 2006 by the Dutch Gasunie to create an alternative for the existing field coating systems for drilling and pressings.

This challenging task was extra hard because of the specific requirements for these kinds of field coatings. In addition, the client wanted to apply the new system directly to the "North-South" project. 48 " pipeline in the Netherlands, part of the Gas Hub. RKT International developed an innovative and high performance coating system, under the name "PUPP Lining", which has been applied to many projects in the world in the last few years.

The requirements for the new coating system were as follows:

- PUPP Lining had to perform high corrosion protection, where the properties were required to meet ISO 21809 standards.
- The new coating system had to be at least equivalent or

even better than the factory coating.

- PUPP Lining must have a high protection factor on impact and abrasion.
- PUPP Lining had to be a sustainable development, based on environmental and working conditions.
- PUPP Lining had to be a system in which the quality of the connection is not, or hardly not, dependent on workforce, and / or (weather) conditions in the field.

In developing PUPP Lining, RKT International used a number of principles, of which the client's requirements and RKT International's broad experience and expertise in the field of high quality plastics technology formed the foundations of the product. RKT International wanted in every way to go beyond the already high standards set by the client. The

Polyurethane, used in PUPP Lining meets the requirements as per ISO 21809. A PP and/or PE sleeve (depending on the coating factory) will be used as the base for the coating system. These sleeves are resistant to temperature extremes from - 20 degrees Celsius to +90 degrees Celsius. All materials are characterized by a high wear resistance. PUPP Lining creates a strong bond between steel - polyurethane and polyurethane - PP and/or PE sleeve.

Due to the revolutionary PUPP Lining system, new developments such as the PUPP Spacer are a logical consequence to this new technology. The PUPP Spacer is used as a solid and durable spacer for pipes utilised in microtunneling (steel and/or concrete). The risk of damage to the factory coating is reduced to nil.



PUPP Lining



PUPP Spacer tunnel

Hydrostatic Test Plugs

A.G.C.M. de Rijk, EST Group B.V.

Hydrostatic testing of pressure piping systems often is performed without questioning the methodology used and results obtained.

There are various hydrostatic test plug designs available to test complete piping systems or just the welded joints, which all have their own set of parameters. During the IPLOCA - Novel Construction Initiative on March 25th 2015, Ron de Rijk presented the most frequently used test plug designs to hydrostatically test open end piping systems and welded flange to pipe joints with their individual set of parameters and capabilities.

GripTight® & GripTight MAX™ Hydrostatic Test Plugs for pipelines

For testing open ended piping systems the traditional method is either A) welding endcaps or B) weld neck





Hydrostatic test arrangement

flanges in combination with blind flanges. Then the entire system is filled with a hydrostatic test fluid, typically water and the entire system is pressurized to the desired test pressure for the agreed period of time. Depending on the system, welding of end caps or additional flanges to be used in combination with blind flanges, can have a significant impact on time and resources. The industry required a faster way of performing such tests to:

- Have a quicker method to blind off the open ended pipe systems, and
- Have a more economical and effective method for hydrostatically testing open ended pipe systems.

In response to these concerns, the EST Group developed the GripTight® and GripTight MAX™ High Pressure hydrostatic test plugs. Time and effort are saved when hydrostatically testing pipelines, spools, pipe racks and process modules. The time consuming process of welding on end caps, then cutting them off and re-leveling the pipe end is eliminated. EST Group's range of high pressure test plugs offer a fast, safe and re-usable solution.



GripTight Test plug



GripTight test plug fitted

GripTight Test Plug Benefits

GripTight® plugs offer the following benefits:

- Eliminate welding end caps and associated procedures WPS/PQR/WPQ
- Safe and reliable testing with engineered self-gripping design
- Suitable for a pipe of hardness up to HRC 20
- High hydrostatic test pressures
- Available up to 42" (Larger sizes possible)

GripTight MAX™ plugs (utilizing new dual - serrated gripper technology) offer the following benefits:

- Eliminate welding end caps and associated procedures WPS/PQR/WPQ
- Safe and reliable testing with engineered self-gripping design
- Higher hydrostatic test pressures
- Provide superior grip in harder (up to HRC35) and smooth-wall pipes
- Effective for: carbon steel, stainless steel, duplex, super duplex, inconel, incoloy, hastelloy, chromoly, clad pipes, hard materials, FRP and GRE
- Available up to 42" (Larger sizes possible)

For sizes up to 8" a separate Griptight Vent Cap can be fitted on the plugs allowing a maximum possible removal of any air from the system. Test plug sizes 10" and larger have an "integral vent" fitted on the plugs allowing maximum removal of any air trapped in the system prior to hydrostatic testing.

Besides being manufactured under a ISO-9001 Quality System, the GripTight® test plug has undergone an independent examination by TÜV Rheinland and has been awarded an "Examination Report" which is available upon request.



IPLOCA 50th Anniversary

We received three responses to our question about naming delegates at the 1972 Convention in Istanbul:

“The gentleman on the right with the white hair is the late Mr. Khalil Noubani who used to be the Chief Executive for Mechanical & Pipeline of C.A.T.,” responded Sevan Geudelekian, Executive Assistant to Georges Hage, C.A.T. Group C.E.O., and according to another source Mr. Noubani was based in Paris.

Gus Meijer let us know that, “With respect to the photo on the upper right, the gentleman is Arie Hooijmeijer. He and his brother Aart were members of the IPLCA at that time; they owned a pipe stringing and transportation company in Holland. Although I am not absolutely sure, I believe that the lady on the right side lower photograph is the wife of J.J. Garcia, IPLOCA President in 1985.”



50 Years of Faithful Membership

Do you know how many companies have been loyal members of IPLOCA throughout its 50 year history? And who they are? Some have changed a little or significantly since 1966, even changing their names

completely. Has your company been a member of IPLOCA without interruption since it was founded?

Do you have memorabilia, photos, documents you would be happy to share with the IPLOCA Secretariat? Please contact caroline.caravellas@iploca.com if you can help in any way.

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Elections

to the 2015-2016 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 6 available board seats beginning October 2015. They include:

1 seat - Europe Central

outgoing director **Harald Dresp**

1 seat - America North

outgoing director **John Tikkanen**

2 seats - Europe Mediterranean

outgoing director **Roberto Castelli**, vacant seat

1 seat - East & Far East

outgoing director **Jim Frith**

1 seat - Associate Members

outgoing director **Gerry Grothe**

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 where you will find the necessary documents to be completed and returned to the IPLOCA Executive Secretary no later than **Friday, 10 July 2015**.

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 the Fairmont Singapore no later than **Tuesday, 6 October 2015** in order to be counted.

Geographical Areas

A list of member companies in each Geographical Area can be found as follows:

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/middleeastandafrika

America North: www.iploca.com/americanorth

Latin America: www.iploca.com/latinamerica

If you have any questions regarding the election process, please contact juan.arzuaga@iploca.com.

Board of Directors

Per the Association's current By-laws (effective as of the AGM in Istanbul 2012), the IPLOCA Board of Directors consists of a minimum of 12 and a maximum of 25 directors as follows:

- Three directors, with full voting rights on the Board of Directors, elected by and representing the Associate Members of the association.
- Sixteen directors representing Regular Members (two per each of the 8 geographical areas), elected by the Regular Members.
- Five Officers of the Board, appointed by the full Board, form the Executive Committee and include the President, 1st Vice President, 2nd 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 geographical areas.
- 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.

IPLOCA Board of Directors

2014-2015



Left to right front row: Harald Dresp, Najib Khoury, Atul Punj, Jean-Claude Van de Wiele, Rubén Kuri, Juan Arzuaga. **Second row:** Iosif Panchak, Aqeel Madhi, Georges Hage, Ibrahim Zakhem, Mesut Sahin, Roberto Castelli. **Third row:** Jan Koop, Bruno Maerten, Ebbo Laenge, Andrew Ball, Gerry Grothe. **Fourth row:** Adam Wynne Hughes, Larry Bolander, Haldun Iyidil, John Tikkanen, Jim Frith. **Fifth row:** Marco Jannuzzi, Steve Sumner, Doug Evans. **Inset:** Wilhelm Maats

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Atul Punj (Punj Lloyd)

1st Vice President & Director, East & Far East

Rubén Kuri (ARENDAL)

2nd Vice President & Director, Latin America

Harald Dresp (Max Streicher)

Treasurer & Director, Europe Central

Najib Khoury (CCC)

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Director, Middle East & Africa

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Director, Associate Members

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Director, Associate Members

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Bruno Maerten (Geocean)

Adam Wynne Hughes (PIH)

Ibrahim Zakhem (Zakhem)

Executive Secretary

Juan Arzuaga

*appointed by the Board of Directors

Directors

Haldun Iyidil (LIMAK Construction

Industry and Trade)

Director, Europe Eastern

Iosif Panchak (Stroygazmontazh)

Director, Europe Eastern

Mesut Sahin (Technip)

Director, Europe Central

Upcoming Events

World Gas Conference

1-5 June 2015 - Paris, France

www.wgc2015.org

IPLOCA East & Far East Regional Meeting

2 June 2015 - Kuala Lumpur, Malaysia

Pipeline Technology Conference

8-10 June 2015 - Berlin, Germany

IPLOCA Board Meeting (Board Members only)

16-19 June 2015

IPLOCA HSE Committee Meeting (HSE Members only)

29-30 June 2015 - Geneva, Switzerland

IPLOCA Workshop on "The Role of Safety Myths in the Prevention of Incidents"

1 July 2015 - Geneva, Switzerland

Pipeline Energy Expo (ex - Tulsa Pipeline Expo)

24-26 August 2015 - Tulsa, OK, U.S.A.

pipelineenergyexpo.com

49th IPLOCA Annual Convention
5-9 October 2015 - Singapore
www.iploca.com



APGA – Australian Pipelines & Gas Association - Convention

17-20 October 2015 - Broadbeach, Australia

www.apga.org.au

IPLOCA HSE Committee Meeting (HSE Members only)

3 November 2015 - Geneva, Switzerland

IPLOCA Novel Construction Initiative Fall Session

4-5 November 2015 - Geneva, Switzerland

Pipeline Leadership Conference

(Discount available for IPLOCA Members)

4-5 November 2015 - Denver, CO, U.S.A.

plconference.com

Other Important IPLOCA Dates

IPLOCA Annual Convention

1 June 2015 - Registration opens

Member News for IPLOCA September Newsletter

15 July 2015 - Deadline for submissions

Email caroline.caravellas@iploca.com

IPLOCA Annual Convention

28 August 2015 - Cut-off date for registration

IPLOCA Yearbook

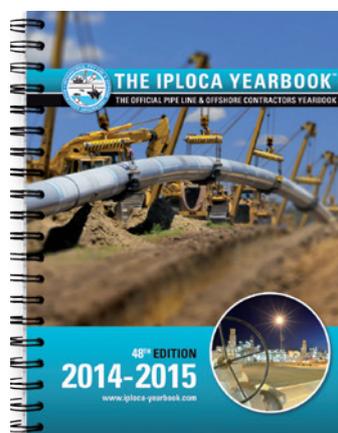
Upcoming Edition

Listing information

Yearbook publisher, Pedemex will soon be sending you an email with login information and instructions so that you can make changes to your company's listing for the next edition of the IPLOCA Yearbook.

Yearbook advertising deadlines and reservation details can be found at www.iploca-yearbook.com

Separately, in October or November, you will receive an email from the IPLOCA Secretariat which will allow us to update our IPLOCA member database and make sure we keep in touch with the appropriate people in your organisation. Why are the two databases separate? The Pedemex Yearbook database is designed specifically for the purposes of creating the Yearbook whereas the IPLOCA member database is the lifeblood of the organisation and includes important organisational contacts such as HSE managers, sponsors, and convention attendees.



The IPLOCA Yearbook is available in hardcopy and also available on your mobile phone at mobile.iploca-yearbook.com

LAURINI PADDING MACHINES



SUPERPADER

Concept: **Very Good**

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Quality: **Very Good**

Reliability: **Very Good**

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VULCANO 2.0



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WG WORLDWIDE
GROUP

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