



# THE IPLOCA NEWSLETTER

DECEMBER 2014



## AbuDhabi Convention

page 12 - with 6 photo pages



## Contents:

**Letter from the President** page 4

**News from Geneva** page 5

**Member News** page 8

**IPLOCA Awards** page 15

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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.

# Contents

<b>Letter from the President</b>	<b>4</b>
<b>New Year Greetings from Geneva</b>	<b>5</b>
<b>Board Meeting Update</b>	<b>5</b>
<b>New Faces on the IPLOCA Board of Directors</b>	<b>7</b>
<b>Member News</b>	<b>8</b>
<b>World Federation Meeting</b>	<b>11</b>
<b>48<sup>th</sup> Convention Retrospective</b>	<b>12</b>
<b>Presentation of IPLOCA Awards in Abu Dhabi</b>	<b>15</b>
<b>Health, Safety and the Environment</b>	<b>16</b>
<b>New Technologies</b>	<b>17</b>
<b>Membership Centre</b>	<b>21</b>
<b>Upcoming Conferences</b>	<b>23</b>

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#### Cover Photo

**Towngas Submarine Gas Pipeline  
Installation, Hong Kong**

Courtesy of McConnellDowell

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## Letter from the President

Dear Colleagues, Members and Friends,

I have been working in the pipeline industry for many decades and I have served on the Board several times, but today I feel really proud and honoured to serve our industry as the 48<sup>th</sup> IPLOCA President. Together with the new Board, I will work hard to provide value to our Members. We have eight newcomers to the Board this year (for an introduction see page 7 of this newsletter).

Thanks to Najib and our Geneva Secretariat, we had an excellent Annual Convention in Abu Dhabi. As many as 620 of us gathered at the Ritz Carlton Grand Canal and you can see our colourful crowd in the photo spread. We would like to thank the generous sponsors for allowing us to enjoy the taste of Arabia through the numerous cultural and social events, along with the speakers who provided valuable insights during the Open General Meetings. In Abu Dhabi, we presented the Health & Safety Award sponsored by Chevron to Saipem S.p.A. and the Environmental Award sponsored by Shell to Heerema Marine Contractors Nederland SE. Congratulations to the winners but also to the runners-up and thanks to all of you for the many entries we received this year.

Year after year, we receive more Health & Safety and Environment statistics returns; year after year we can see a real improvement in our statistics. However we still have to deplore fatalities during our operations and this is not acceptable. I will request our HSE Committee to campaign more and to promote a zero incident/accident philosophy based on a clear and solid HSE Management System and to encourage communication of "lessons learned"

As announced, we will launch the Scholarship programme this year and we will present the Excellence in Project Execution Award for the first time at our next convention. We will carry on with our Novel Construction Initiative sessions and Health & Safety workshop, our Novel Work Groups will resume writing new chapters for the Onshore Pipeline: The Road to Success. We urge all our Members to send representatives to our workshops and New Technology Committee.

We will continue to engage clients with our current and potential members. Four regional meetings are planned in 2015: Mexico City, London, Dunkerque and in Dubai. Last but not least, we will work hard to provide you with the best programme for our Annual Convention in Singapore (5-9 October 2015) and to prepare our 50<sup>th</sup> Anniversary Convention which will be held in Paris in 2016.

I remain available to discuss topics related to our association. Feel free to contact me at [jean-claude.vandewiele@spiecapag.com](mailto:jean-claude.vandewiele@spiecapag.com) with any feedback and suggestions.

Best wishes,

**Jean-Claude Van de Wiele**

IPLOCA President 2014-2015

# New Year Greetings from Geneva

As 2014 draws to a close, the Board of Directors and the staff of the Secretariat wish to thank everyone who has contributed to the Association over the past year.

Those contributions have been made in a number of ways – not all of which are visible – in the sharing of time and expertise, the hosting of meetings and, of course, in providing generous sponsorship to allow us to offer yet another memorable convention.

We look forward to new achievements and collaborations in 2015 and send our best wishes to all for a safe, healthy and prosperous new year!



## IPLOCA in Melbourne

No time to rest for IPLOCA's newly elected President Jean-Claude Van de Wiele and Executive Secretary Juan Arzuaga! Both flew from Abu Dhabi to Melbourne with their wives

Martine and Alejandra to attend our sister association's convention. The APIA convention was held from 18 - 21 October 2014. The next sister association event on the calendar is the 54<sup>th</sup> DCA convention in New Orleans.



## Board Meeting Update

### Abu Dhabi, U.A.E.

#### Minutes of the Marseilles Meeting

The action items from Marseilles were reviewed and were complete. The minutes were formally approved.

#### Treasurer's Report

Treasurer Harald Dresp provided the Half Year Forecast to Complete 2014, noting that a result of zero is to be expected by the end of 2014. He confirmed that a reserve of CHF 1.8 million is still set aside in case of

unexpected convention cancellation, association closure, or other event. Harald Dresp mentioned that there had been a lot of problems in obtaining the membership payments this year.

#### Regular Members

**Serpetbol Peru**, was confirmed by the Board as a new Regular Member, following an email vote in September.

#### Associate Members

**OPUS S.r.l.**, Italy and **Pinsent Masons LLP**, UK were confirmed as new Associate Members, following an email vote in August.

## Name Changes

- **UT Quality**, Canada to **Rae Energy**, Scotland
- **Ludescher Cablecrane-Systems GmbH** to **LCS Cable Cranes GmbH**, Austria

## Resignations

Resignations have been received from the following:

- **ThyssenKrupp Mannex GmbH** - no reason given

Considered as resigned because of non-payment of 2014 membership fees:

- **Corrtch International Private Limited**, India
- **DSMU-Gazstroy LLC**, Russia
- **Maridive & Oil Services**, Egypt
- **Metals Services for Trading & Contracting Company**, Saudi Arabia

## Health & Safety Statistics Submissions

Two Regular Members have still not submitted their Health & Safety statistics for 2013.

## Abu Dhabi, UAE

Caroline Green provided an update on arrangements for Abu Dhabi. She informed the directors that USD 555,500 had been received in sponsorship. Caroline Green also reported on the increase of late registrations and how it affected the Secretariat's operations in the last weeks before the Convention.

## Scholarship Programme Update

Doug Evans provided an update on the Scholarship Programme. He informed the Board that the contract with Scholarship Management Services (division of Scholarship America) was signed. The goal is to provide an educational scholarship to family members of IPLOCA members, without bias. The draft calendar of implementation was



Incoming president Jean-Claude Van de Wiele, presented Najib Khoury with his presidential pin.

presented and the first scholarships will be awarded in June 2015. The Board will seek approval from the membership at the Annual General Meeting for a pilot 3-year programme at CHF 100,000 per year plus an annual fee of about CHF 15,000. Twenty four scholarships will be awarded annually. The contract with the provider can be stopped at any time and the Board of Directors will be in full control of the programme. The first three years of the programme will be funded with existing funds of IPLOCA. The Board of Directors will then be looking at the sustainability of the programme and will also look for sponsors. All Directors were invited to join the committee.

## Honorary Membership

The Board had received two nominations for honorary membership, but none had received the required unanimity vote.

## Convening of the 2014-2015 Board of Directors

Najib Khoury tabled the proposed names for the 2014-2015 officers and the board voted unanimously to appoint Jean-Claude Van de Wiele as president, Atul Punj as 1<sup>st</sup> vice president, Rubén Kuri as 2<sup>nd</sup> vice president and Harald Dresch as treasurer. Incoming president Jean-Claude Van de Wiele then presented Najib Khoury with his presidential pin.

## By-Laws Change Approved at Annual General Meeting (AGM)

The following amendment was unanimously approved by the membership at the AGM:

*5.7 Vacancy: If a vacancy occurs on the Board through death, resignation, absence of candidates for election or cessation of a Director's Representative status, the Board may appoint a successor from Regular Members or Associate Members as the case may be.*

As a consequence, the Board of Directors appointed Jan Koop (Bohlen-Doyen) as Director to the region Europe North-West.

## Nominations to the Committees

Committee leadership was then discussed and the following were appointed:

**HSE Committee:** Bruno Maerten (Chairman), Juan Arzuaga, Georges Hage, Jan Koop, Mesut Sahin, Adam Wynne Hughes, Ibrahim Zakhem

**New Technologies Committee:** Jean-Claude Van de Wiele (Chairman), Roberto Castelli, Doug Evans, Marco Jannuzzi, Ebbo Laenge, Wilhelm Maats, Aqeel Madhi

**Client Engagement Committee:** John Tikkanen (Chairman), Andy Ball, Gerry Grothe, Iyidil Haldun, Iosif Panchak

**Scholarship Committee:** Doug Evans (Chairman), Larry Bolander, Ruben Kuri, Steve Sumner, Jean-Claude Van de Wiele

**Convention Location Committee:** Marco Jannuzzi (Chairman), Rubén Kuri, Bruno Maerten, Adam Wynne Hughes

**Temporary By-laws & Aide-mémoire Revision Committee:** Jan Koop (Chairman), Harald Dresp, Jim Frith, Gerry Grothe, Adam Wynne Hughes

### Appointment of Directors-at-Large

The retiring directors and directors-at-large left the room. The names of the proposed new directors-at-large were tabled by President Jean-Claude Van de Wiele.

The board voted unanimously to appoint Doug Evans (GIE), Wilhelm Maats (Maats Pipeline Equipment), Bruno Maerten

(Geocean), Adam Wynne Hughes (PIH) and Ibrahim Zakhem (Zakhem) as directors-at-large.

### Regional Meetings

President Jean-Claude Van de Wiele asked for volunteers to host regional meetings in 2015 and the following were suggested: Mexico City (Rubén Kuri), France (Jean-Claude Van de Wiele), Middle East & Africa (Georges Hage, Aqeel Madhi and Ibrahim Zakhem) and London (Andy Ball).

### Next Board Meeting

The December Board of Directors meeting will be held in Munich from 2 to 5 December.

## New Faces

### on the IPLOCA Board of Directors

Following the 2014-2015 elections for directors in Abu Dhabi, U.A.E. we now welcome the following to the IPLOCA leadership:



#### Iyidil Haldun, Director for Europe Eastern

Haldun is Member of the Executive Board at Limak Construction and also serves on the Board of the Directors of Limak Kosovo International Airport. Haldun has played a pivotal role in transforming Limak from a

construction company to a global energy and infrastructure company. He has 29 years of experience in construction, energy and infrastructure sectors. He has contributed to the industrial development of Turkey, Kosovo, Saudi Arabia and Pakistan, mainly in the gas pipeline, crude oil pipeline, water transmission systems, highways, airports and ports. With his entrepreneurial spirit and socially responsible leadership skills, he has worked in many countries. He holds a Bachelor of Science degree in Civil Engineering and Master of Science and also awarded Finance and Accounting Certificate. He is hobbyist, innovative and has a scientific background. During his university years, he gained a scholarship from TUBITAK (The Scientific and Technological Research Council of Turkey). Haldun is an art-lover, enjoys travelling, reading history and playing drum.

#### Rubén Kuri, Director for Latin America

Rubén currently serves as Commercial Director at Arendal. Until the end on 2013, he was General Manager for LIPSA.



Rubén has 30 years of experience in the pipeline and plant business. In the beginning of his career, his responsibilities were related to the different construction areas from ROW opening to hydrotest and start-up. As it happens to everyone in this sector, he worked and lived in small towns close to

the field, learning the secrets of this fascinating job. Not only getting the technical experience but also relating to different levels of workers, skilled and unskilled, and of course the client representatives. Later, his involvement was more in the promotion and cost analysis of the different bids for projects. Here, he used his previous field experience for cost analysis and strategies to compete in the market. Rubén holds a degree in Civil Engineering from the Universidad Iberoamericana in Mexico City. He has been married to Elena for 28 years and is father of three grownup children aged 27, 25 and 21.



#### Aqeel Madhi, Director for Middle East & Africa

Aqeel is Chief Executive Officer of the National Petroleum Construction Company (NPCC) since 1998. Aqeel has over 31 years of experience in managing mega projects for the oil and gas industry. He has held various senior

managerial positions in ADNOC and ADCO between 1981 and 1998 before being appointed to his current position. Under his leadership, NPCC has transformed into an international Engineering, Procurement and Construction Contractor consistently delivering complex projects on budget and schedule with outstanding HSE and quality

performance. He has been spearheading the strategic drive to broaden the range of services provided by NPCC and expanding its geographic reach to new territories in Africa and the Far East. He holds a B.Sc. (Mechanical Engineering) from University of Wisconsin, Milwaukee, USA. Aqeel is a strong advocate of Emiratization and the development of young local talent. He is married and has five children.



### **Mesut Sahin, Director for Europe Central**

Mesut Sahin has a commercial background and started his professional career in Equipment Manufacturing and EPC contracting business at HUMBOLDT WEDAG AG where he accepted responsibility in the project management for large-scale turn-key plants. In 1998 he joined Mannesmann KTI, which was acquired by Technip a year later. After he was heading various departments, such as Sales & Proposals, Estimating, the Contract Management and Insurance he has been appointed to the executive management in early 2008. As of the same year he took over the full responsibility as Chief Executive Officer of Technip offices in Germany. Mesut is married, has two daughters and lives with his family in Langenfeld, Germany.

### **Steve Sumner, Director for Associate Members**

Steven R. Sumner is Director of Global Marketing and Product Development for the Lincoln Electric Company.



Steve manages Lincoln Electric's nine key Global Business Segments - Pipeline, Automotive, Offshore, Heavy Fabrication, Power Generation, Shipbuilding, Structural Segment, Maintenance & Repair and Pipe Mill. He also is responsible for driving solutions worldwide by marshalling the global sales

force and providing strategy input to global product development by coordinating marketing communications, global branding and related marketing services. Steve joined Lincoln Electric in 1987 as an engineering trainee in Machine R & D. He since has held many different positions within the company, including Assistant Customer Service Manager for the US and Canada, Product Manager of Commercial Products (MIG/TIG & Plasma), Manager, Marketing Product Development, Global Product Manager, Vice President of Sales, Lincoln Electric Europe and most recently Director of Global Marketing. Steve earned a BS of Mechanical Engineering from Cornell University and an MBA in Marketing from Case Western Reserve University. Steve resides in Cleveland, Ohio with his wife Michele and 3 children.

We also welcome back to the board **Andy Ball** (Director for Europe North-West), **Ebbo Laenge**, Director for Latin America, and **Iosif Panchak**, Director for Europe Eastern. A photograph of the full 2014-2015 Board of Directors can be found on page 24 of this newsletter and on our website at [www.iploca.com](http://www.iploca.com).

## **Member News**

### **CRC-EVANS Pipeline International, Inc. Celebrates Opening Of New Onshore East Headquarters In Zeewolde, Netherlands**

CRC-Evans Pipeline International, Inc. (CRC-Evans) announces the grand opening of its new Onshore East Headquarters in Zeewolde, Netherlands. Jim Cannon, President of Stanley Oil & Gas, Mikhail Blekherov, President of CRC-Evans Onshore East and prominent CRC-Evans employees were joined by Gerrit Jan Gorter, Mayor of Zeewolde, for a celebration in commemoration of the new facility today, September 23. CRC-Evans' operations in the Netherlands have grown steadily over the past 10 years, relocating from Hoevelaken to a larger facility in Nijkerk and now, to the new, expansive, multi-functional premises

in Zeewolde. The new facility will serve as an operational center for all CRC-Evans' activities in the eastern hemisphere, allowing the organization to provide extensive support to customers in Europe, Africa, the Middle East, China, India, Southeast Asia, Australia and the Commonwealth of Independent States (CIS). From the new headquarters, CRC-Evans will be able to deploy a broad spectrum of expert services and technologies, including automatic welding systems, pipeline and field joint coating equipment, pipeline bending machines, refurbished rental fleets, various equipment demonstrations and procedure qualifications.

### **Mike Wheeler Named Fluor's Chief Procurement Officer**

Mike Wheeler has joined Fluor Corporation as the company's chief procurement officer. Wheeler is responsible

for procurement, contract management, material management, sourcing, travel services, logistics and export control for all of Fluor's business lines globally. He also has oversight of Fluor's supply chain entity dedicated to selling quality, cost-effective, stand-alone procurement services to midstream-market clients. This includes sourcing services centered on Fluor's strategic supply relationships in Asia and other emerging markets. With 35 years of industry experience, and 17 years as an executive in management consulting for the exploration and production, refining, petrochemical and construction industries, Wheeler brings a depth of relevant client-based expertise to Fluor. Mike's range of experience in procurement and information technology will help Fluor provide a better value proposition for our customers and clients across the globe," said Ray Barnard, executive vice president of Fluor's Systems and Supply Chain group. "His recent experience leading a procurement and contracting transformation program for a major Fluor client, along with his consulting experience in transformation and change management, will help Fluor's supply chain grow and develop to better serve client needs." Most recently, Wheeler served as senior vice president at Reliance Industries Limited in Mumbai, India, leading the company's Procurement & Contracting Centre of Excellence. He previously led M.W. Wheeler and Associates, Inc., in Dallas as president and CEO, serving the energy industry with supply chain management, operations and maintenance, and capital optimisation.

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### **ICA Fluor Awarded Fabrication Contract for Shell's Heavy Oil Extraction Project in Canada**

Fluor Corporation announced that ICA Fluor, its industrial engineering, fabrication and construction joint venture with Empresas ICA, S.A.B. de C.V., signed a contract with Shell Canada Energy to supply modular fabrication and procurement services for 13 well pads for heavy oil extraction at Shell's Carmon Creek project currently under construction in northern Alberta. The project is expected to produce about 80,000 barrels per day of heavy oil from Shell's Peace River Operations using steam recovery methods. This project is a major step for our company," said Juan Carlos Santos, director general of ICA Fluor. "We are proud of this certification of our fabrication yards' capabilities and work processes, and we look forward to supporting Shell on their North American projects." ICA Fluor will fabricate the modules at the El Empalme yard, property of its wholly-owned subsidiary, Industria del Hierro, located in Tampico, Tamaulipas, Mexico. The completion is scheduled for December 2017. This is a great opportunity for ICA Fluor, for Mexico's labor force and for the Tampico region," said Lucía Bustamante, communications and government relations director

for Shell Mexico. "After a solid certification process, negotiations and several site visits for further assessment, the final outcome is a successful enterprise framework agreement that will add value to the Shell Carmon Creek project." This contract is the first award under the multi-year frame agreement signed with Shell Global Solutions International U.S. for projects in North America in June 2014. It is also the first fabrication work ICA Fluor/Industria del Hierro will perform for a project in Canada. Shell Mexico's sourcing office promotes the use of Mexican suppliers on a global basis that have been already qualified according to Shell's technical and health, safety, security and environmental standards. This opportunity clearly provides diversification of demand for Mexican suppliers. This award reinforces ICA Fluor's fabrication capabilities and competitiveness to support projects located around the world. Module fabrication enhances safety performance by transferring work at heights to ground level and improves quality and productivity by working in a controlled yard environment. The approach can shorten construction schedules by allowing simultaneous activities at both the job site and fabrication yard. It also reduces site congestion, minimizes impacts to existing facilities and reduces risks and costs associated to weather-related impacts.

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### **Lincoln Electric Appoints Jennifer Ansberry as Vice President, Deputy General Counsel**

Lincoln Electric has named Jennifer Ansberry, Vice President, Deputy General Counsel. Ms. Ansberry's role as Deputy General Counsel has been extended to include leadership of the Company's environmental, health and safety (EH&S) organization, which includes the development and implementation of EH&S policies, programs and practices. This role is in addition to leading portions of the Company's legal function including global mergers & acquisitions, securities law compliance, corporate governance, and other general corporate legal matters. "Jennifer has successfully mitigated risk while supporting the growth of Lincoln's global operations and legal department during her ten year tenure at the Company," said Lincoln Electric General Counsel and Secretary, Fred Stueber. "Her broad experience, commitment to best practices, and leadership skills will add tremendous value to our EH&S efforts and help the organization meet its global EH&S objectives." Prior to joining Lincoln Electric in 2004 as Deputy General Counsel, Ms. Ansberry served as an associate at Thompson Hine LLP and at Keating, Muething & Klekamp LLP. She received her J.D. from the University of Cincinnati - College of Law and received a B.B.A. in accounting from the University of Cincinnati. Additionally, Ms. Ansberry serves on the board of CityYear Cleveland and the Avon Schools Educational Endowment Fund.

## Justman Promoted to GM of Michels Facilities Construction

Michels Corp. has promoted Eric Justman to general manager of Facilities Construction for Michels Pipeline Construction. As a project manager of station construction, Justman has led bidding, planning, modifications and construction of gas compressor stations, crude oil pump stations and town border stations. "In four years, Eric [Justman] has assisted with the development of our facilities and stations operations, and has established himself as a strong and knowledgeable leader," said Bob Osborn, senior vice president of Michels Pipeline Construction. "Eric has a comprehensive understanding of pipeline and station work, and a deep commitment to safety and efficiency." In his new role, Justman will oversee the day-to-day operations of station projects. "It is a privilege to work for an industry leader and an honor to be chosen to lead this growing group," said Justman, who joined Michels in 2008. "I see great potential to continue to deliver the best customer service and projects while expanding into new markets."

## Technip awarded a subsea contract for the K2 field in the Gulf of Mexico

Technip has been awarded a contract by Anadarko Petroleum Corporation for the K2 Riser Base Gas Lift project, located in Green Canyon 608 in the Gulf of Mexico, at a water depth of approximately 1,300 meters. This contract covers: project management and engineering, design, fabrication, and installation of two PLEMs and four PLETs, installation of flowline, jumpers and associated terminations and hardware, installation of one free issued dynamic umbilical with SUTA(1) and flying leads, pre-commissioning of the flowline and umbilical gas lift system. Technip's operating center in Houston, Texas, USA, will conduct the overall project management. The offshore installation is expected to be performed in the second half of 2015 by Technip's Deep Blue, one of the world's largest purpose-built ultra deep-water pipelay and subsea construction vessels. Deanna Goodwin, President North America at Technip, stated: "We are delighted to have been awarded this new project in which we are able to provide enhancement infrastructure to increase and extend the life of an existing Gulf of Mexico field and facility. Technip appreciates the recognition of Anadarko for our involvement in the K2 development with flowline, riser and tie-in work performed previously in 2005 and 2009 and now with this recent contract."

## Tesmec and Laurini Officine Meccaniche's International Pipeline Technical Conference

The Tesmec Group and Laurini Officine Meccaniche joined forces to organize an international pipeline



technical conference on September 12th, 2014. Key industry players were invited and participated at the event, aimed at raising awareness and promoting trenching technology worldwide. The conference was held at Tesmec's Headquarters in Grassobbio, near Bergamo and focused on Tesmec's state-of-the-art trenching technology, and other highly advanced technologies in pipeline construction. Several important pipeline contractors and engineering firms were welcomed by Tesmec CEO and Managing Director, Ambrogio Caccia Dominioni, who highlighted Tesmec's activity and international presence. Mr. Marco Jannuzzi, Board Member of IPLOCA, also participated at the event by giving a presentation on IPLOCA's goals and activities. Mr. Jannuzzi actively discussed IPLOCA's "Novel Construction Initiative", which fosters technological innovation in the pipeline industry, an initiative heavily supported by Tesmec over the years. He also presented the biennial "IPLOCA New Technologies Award sponsored by British Petroleum", which recognizes significant contributions to innovation in the pipeline industry. Mr. Flavio Villa, Chief Engineer-Trencher, at Tesmec SpA, together with Mr. John Welch, Chief Engineer-Trencher, at Tesmec USA (Alvarado, TX) discussed the numerous advantage of using trenchers over conventional excavation methods, both in terms of productivity and efficiency. Mr Marco Laurini, CEO of Laurini Officine Meccaniche, introduced his company's latest developments in terms of padding and back-filling equipment, while Mr Corrado Segre, General Manager of CGT discussed the rental of heavy earthmoving equipment on an international scale. Among the interesting projects discussed at the conference was the "Gasoducto Corredor Chihuahua", by Mr Giacomo Bonfanti of GDI - Grupo Desarrollo Infraestructura. At the end of the conference, the delegates had a brief tour of the Tesmec main facility where, besides the full range of Tesmec trenchers and surface miners, also the stringing and railway equipment is produced.

## Van Oord sets Subsea Rock Installation World Record

Van Oord's flexible fallpipe vessel Stornes has set a world record. During a period of four weeks, Stornes placed rock in water depths of up to 1,277 metres. The Subsea Rock installation works were executed in relation to the development of the Aasta Hansteen gas field and Polarled pipeline in the Norwegian Sea. Recently Van Oord completed the first phase of these record subsea rock installation works, for energy company Statoil. Van Oord will execute the second phase in 2015. Then, rock will be placed after the pipelines and templates have been installed. Subsea Rock installation activities are vital for the stabilisation and protection of offshore pipelines, power cables and other subsea installations.

## Vermeer names Jason Andringa as new CEO, president

A third-generation family member will take over as the chief executive of Vermeer Corp. late next year. Jason

Andringa will take over as chief executive officer and president of Vermeer effective 1 November 2015. He is the son of Mary Andringa, Vermeer's current CEO and president. Based in Pella, Vermeer manufactures construction, mining, forestry and agricultural equipment. Jason Andringa joined the company in 2005 and has served in a number of roles. He is currently president of environmental and forage solutions at Vermeer. "I am honored to have the opportunity to lead Vermeer as a family-owned and operated, global company into a prosperous future," Jason Andringa said in a statement. Prior to joining Vermeer, he was a staff engineer at NASA's Jet Propulsion Laboratory. Jason Andringa graduated with a bachelor's degree in mechanical engineering from Calvin College. He earned a master's degree in aeronautics and aerospace from MIT and a master's of business administration from the University of Southern California. Mary Andringa became Vermeer's CEO & board chairman on 1 November 2014 before transitioning solely to board chairman at that time next year. Bob Vermeer became chair emeritus on 1 November 2014.



## World Federation (WFPIA) Meeting

The World Federation of Pipeline Industry Associations (WFPIA) met in Abu Dhabi, during the IPLOCA convention.

IPLOCA President, Najib Khoury welcomed everybody and stressed the value of having all of the representatives of the Pipeline Industry meeting on an international level. It was emphasized that these meetings offer a forum for information sharing as well as for detecting areas of common interest. Updated WPFIA guidelines are being discussed by the members, in order to provide clear directions for those who want to join.

If you are interested in the WFPIA, please contact Juan Arzuaga [juan.arzuaga@iploca.com](mailto:juan.arzuaga@iploca.com) for more information.



Attendees clockwise from top: Juan Arzuaga (IPLOCA), Najib Khoury (IPLOCA), Cheryl Burgess (PIG), Mike Prior (PLCAC), Neil Lane (PLCAC), Rob Darden (DCA), Vladilen Ermolin (ROGCU), Vladimir Drobyazko (ROGCU), Max Sidorov (Russian translator), Vasily Nagaev (ROGCU), Jim Frith (APIA), Grady Bell (DCA), Ronnie Wise (PLCA).



## IPLOCA 2014 Membership Fees

Membership fee invoices were emailed and sent by postal mail at the end of November. The payment due date is 2 January 2015. Membership certificates will be mailed in January.

If you have any questions please contact IPLOCA's Accounting Manager at [sarah.junod@iploca.com](mailto:sarah.junod@iploca.com)

# 48<sup>th</sup> Convention Retrospective

**As many as 620 people enjoyed a wonderful week at the convention in Abu Dhabi, thanks to terrific support, once again, from our many generous sponsors.**

Thanks to all Abu Dhabi Convention attendees who submitted their post-convention questionnaires so promptly. While the overall results are remarkably consistent year to year, we pay special attention to your concerns and suggestions for improvement, to identify any clear patterns or concerns. Of those who responded to the questionnaire, 55% were Associate Members, and 28% were Regular Members. Tours: 57% of respondents ranked the tours as good, excellent or outstanding. Programme: 74% ranked the programme as good, excellent or outstanding. Speakers: 66% ranked the speakers overall as good, excellent or outstanding

We were pleased to see that the general consensus was extremely positive. While we received a few comments on the weather, you may rest assured that IPLOCA always seeks out the best options and alternatives, taking into careful consideration many different parameters.



# Maats Pipeline Equipment Golf Tournament

Although Wilhelm and Marja Maats were unable to attend the Convention this year, together with Boris Böhm they would like to thank everyone who played in the third Maats Pipeline Equipment golf tournament, which was held at Saadiyat Beach Golf Club, Abu Dhabi.

Despite the heat the tournament was a great success and your support is very much appreciated. The course was excellent and the day couldn't have been more perfect (although a little lite breeze would have been most welcome at times!)

## Congratulations to all trophy winners, namely:

**First Place:** Team 12 - Tim Fries, Rainer Kuprion and Dean Martens

**Second Place:** Team 2 - Scott Summers, Brian Laing, Doug Evans and Heinz Schwarte

**Third Place:** Team 10 - Joel Weaver, Jonathan Duhon, Jonathan Jones and Rob Riess

**Nearest the Pin Ladies:** Liz Evans

**Nearest the Pin Men:** Rod Hardy

**Longest Drive Ladies:** Sue Sljivic

**Longest Drive Men:** Ryan Evans

Maats Pipeline Equipment look forward to seeing you at the 2015 IPLOCA Convention in Singapore and hope you will join them for another great day on the golf course.



Antony Pontefract, Boris Böhm, Chris Lethbridge, Vladilen Ermolin

## Photo Gallery

The photos on the following pages, along with many others, are available online at [www.iploca.com/photosofabudhabi](http://www.iploca.com/photosofabudhabi)

In addition, an extensive CD of photographs taken during the week is being mailed out to all attendees and should have arrived in your mailbox in late November or will arrive in your mailbox early December. We look forward to seeing everyone next year in Singapore for what will doubtless be a unique experience again.















# Guest Speakers

## at the Abu Dhabi Convention

The following presentations were made during the Open General Meetings in Washington. We thank all our guest speakers for their support.

Most of these presentations are available at [www.iploca.com](http://www.iploca.com).



**John Attrill**  
Project General Manager, BP  
**Breaking Ground on the Southern Gas Corridor to Europe**



**Robert Jones**  
Senior Vice President - Major Projects, TransCanada  
**TransCanada in Mexico: Past, Present and Future**



**His Excellency Sheikh Nahayan Mubarak Al-Nahayan**  
Minister of Culture, Youth and Community Development, Abu Dhabi  
**Abu Dhabi**



**Scott Critchfield**  
Technical Manager - PNG LNG Project, ExxonMobil  
**The PNG LNG Project: Delivering and LNG Project in a Complex Environment**



**Mark Barrows**  
Operations Manager, MCJV  
**Zahi Ghantous**  
Project Manager, MCJV  
**The Australia Pacific LNG Pipeline Difference - A reflection on the success factors**



**Edward Heerema**  
President, Allseas Group S.A.  
**Allseas' Single-Lift Ship "Pieter Schelte"**



**Loek Vreenegeer**  
General Manager Pipelines, Flow Assurance & Subsea, Shell  
**Green Infrastructure**



**Greg Kenney**  
Vice President, Spectra Energy  
**Spectra Energy: Westcoast Gas Transmission Pipeline**

# Presentation of Awards in Abu Dhabi

Two awards were presented in Abu Dhabi.



## The 2014 IPLOCA Health and Safety Award sponsored by Chevron

The Award is in recognition of members' initiatives, all of which are aimed at improving the health and safety of the pipeline industry.

This year's Award was presented to **Saipem S.p.A.** in recognition of their great "Leading Behaviour" Campaign. Saipem S.p.A. was represented by Daslav Brkic, Andrea Forzan and Rocco Sainato.

### The runners-up were:

**J. Murphy & Sons Limited**, represented by Andy Ball, for their Murphy Culture Development Programme.

**Nacap Australia Pty Ltd**, represented by Mark Twycross, for their Plant Assessor Initiative and their Journey Management System.



Daslav Brkic, Andrea Forzan, Rocco Sainato representing Saipem and Bruno Maerten, chairman of the IPLOCA HSE Committee.

**SPIECAPAG**, represented by Bruno Pomaré, for their Removal Guardrail for Sidebooms and Tractors Initiative.



## The 2014 IPLOCA Environmental Award sponsored by Shell

The Award is presented in recognition of a significant achievement in reducing the impact on the environment for the construction of pipeline projects.

**Heerema Marine Contractors Nederland SE**, represented by Simonette Lentze received the IPLOCA Environmental Award for their Noise Mitigation During Pile Driving Initiative.

### IPLOCA also named three runners-up:

**ALSA Engineering & Construction Co., L.L.C.**, represented by Ghassan Arbid, for their "Save Water, Save Life" Initiative.

**Max Streicher GmbH & Co. KG aA**, represented by Harald Dresp, for their Optimisation of Production Processes to Reduce Environmental Impacts.

**Techint Engineering and Construction**, represented by Vilson Rigon for their Organic Pool Project.

We congratulate all those who participated in the 2014 awards and encourage all members to prepare and submit entries for 2015. A new award will be launched in 2015: the **IPLOCA Excellence in Project Execution Award**. Further information on the entries is available on our website, along with the list of submissions received. Questions may be addressed to [sarah.junod@iploca.com](mailto:sarah.junod@iploca.com)



Loek Veenegoor, Shell and Simonette Lentze, Heerema.

# Health, Safety and the Environment



## IPLOCA HSE Objectives for 2015

**One of IPLOCA's most important objectives is 'To promote safety and to develop methods for the reduction and elimination of accidents and injury to contractor's employees in the industry, and all those engaged in, or affected by, operations and the work'.**

During the presentation of his 2014-2015 Objectives, IPLOCA President Jean-Claude Van de Wiele insisted on the importance of improving Safety in our industry, and above all, eliminating fatalities. To reach these objectives, the use of Key Performance Indicators (KPIs) is paramount. The Total Recordable Incident Rate (TRIR) which counts the total number of fatalities and injuries, major and minor, per

million worked hours, is one of the KPIs. During its last session, held on November 4<sup>th</sup> in Geneva, the IPLOCA HSE Committee decided to determine objective KPIs for the year 2015 as follows:

- No fatalities
- TRIR < 3

For 2014, the committee expects that the decreasing trend of the last two years will continue and the TRIR < 3.3. Each IPLOCA member should work hard to reach this objective through: continuous improvement of their H&S management system, innovative initiatives, and careful monitoring of their own KPIs. The following objectives were also noted for 2015:

- 2015 Environmental Statistic Results (to be collected during 2015) with 80% return from Regular Members.
- Implement a safety lesson learned section on the website.
- Increase attendance at the safety workshop.
- Include a safety section in the Road to Success.

## Thank you Brad MacLean, Willbros USA, Inc.

IPLOCA offers its sincere thanks to Brad MacLean of Willbros for his commitment, hard work and contributions as a member of the HSE Committee over the past years. He is now stepping down from this role.



## Welcome Luca Princivalli Conti

The IPLOCA HSE Committee welcomes Luca Princivalli Conti, Corporate HSE Manager at BONATTI S.p.A. He has more than 20 years of experience in the construction industry, spent dealing with different aspects of the health, safety and environmental disciplines,

from site coordination during construction & commissioning phases of specific projects through to management of all the facets related to HSE in the organisation.

## Reprint of the 2013 Health and Safety Statistics Report

The same graph was used for Restricted Work Cases (RWC) and Total Recordable Incident Rate (TRIR) of the 2013 Health and Safety Statistics report. The TRIR graph was added instead, the report was printed again and inserted in this newsletter.

## Save the Date - July Health and Safety Workshop

The next Health and Safety Workshop on "The Role of Safety Myths in the Prevention of Incidents" will be held on 1 July 2015 in Geneva. HSE Managers and key representatives of IPLOCA members will be invited shortly.

## Upcoming IPLOCA Meetings

### IPLOCA HSE Committee Meeting

24 March 2015  
Geneva, Switzerland

### IPLOCA Novel Construction Initiative Spring Session

25 - 26 March 2015  
Geneva, Switzerland

### IPLOCA HSE Committee Meeting

29-30 June 2015  
Geneva, Switzerland

### IPLOCA Workshop

"The Role of Safety Myths in the Prevention of Incidents"  
1 July 2015  
Geneva, Switzerland

# New Technologies Committee

## Novel Construction Fall Plenary Session

On 5-6, November 2014, 43 delegates from all over the world participated in a Novel Construction meeting in Geneva, Switzerland at the Crowne Plaza Hotel. Delegates flew in from Mexico, the U.K., France, Greece, Brazil and many other countries.

The Novel Construction initiative is mainly focused to move forward the following work:

- Promote New Developments and Techniques: this excellent Forum is offered to member and non-member companies to present their latest products.
- Co-Fund research projects together with PRCI and INGAA Foundation.
- Continue expanding the content of the book the Road to Success -which is now also starting to include Offshore topics- through multidisciplinary groups.

The ten working groups and their leaders are as follows:

- **Planning & Design**  
directed by Criss Shipman (Gulf Interstate Engineering)
- **New Trends and Innovation**  
directed by Zuhair Haddad (CCC)
- **Coatings**  
directed by David Jackson (Pipeline Induction Heat Ltd)
- **Earthworks & Crossings**  
directed by Paul Andrews (Fluor) and Bruno Pomaré (Spiecapag)

- **Welding & NDT**

directed by Jan van der Ent (Applus RTD), Frederic Leppla (Serimax) and Benedict De Graaff (CRC-Evans)

- **Logistics**

directed by Bruno Pomaré (Spiecapag) and Bernard Quereillahc (Volvo Construction Equipment)

- **Environment**

directed by Sue Sljivic (RSK)

- **Pre-Commissioning**

directed by Vincenzo Calabria (SICIM)

- **Bending**

directed by Geert Dieperink (Maats BV)

- **Health & Safety**

directed by Alain Gauthiez (Spiecapag)

A list of all participants in the meeting can be found on the website. The Novel Construction Initiative is looking for new topics and participants. In this case prior approval of both topic and participation must be secured from Juan Arzuaga, IPLOCA's Executive Secretary. We would like to thank all of those who participated and look forward to meeting you all again on 25 - 26 March 2015 in Geneva, Switzerland.

At the recent meeting, to stimulate brainstorming and additional new ideas, we welcomed a number of guest speakers; a synopsis of the information they presented on new technologies is below. We thank them all for their participation in the meeting.

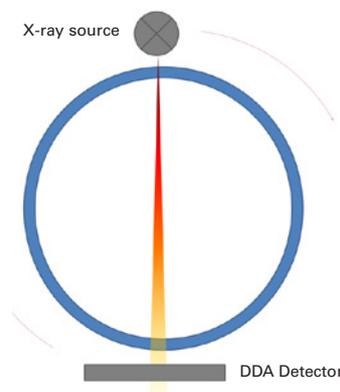
## Developments in Direct Digital Radiographic Inspection

Jan van der Ent, Philip van Meer & Casper Wassink

Jan van der Ent from ApplusRTD presented their digital radiographic inspection together with a future methodology being the 3D tomography at the Novel Construction meeting in Geneva in March 2014.

In normal photography almost all pictures and cameras are now digital, similarly for the pipeline girth weld inspection of cross country pipelines where the radiographic film can be replaced by a DDR digital image. Direct Digital Radiography is a form of X-ray

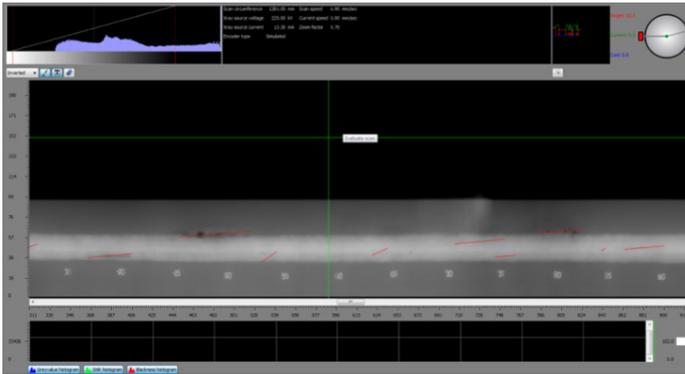
imaging whereby digital X-ray sensors are used instead of traditional photographic film. Instead of an X-ray film, a digital image capture device is used to record the X-ray image and make it available as a digital file that



Schematic presentation of DDR inspection

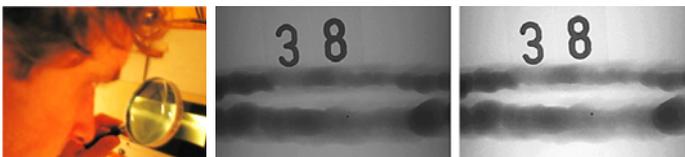
can be presented for interpretation, making real time interpretation of welds possible, see schematic figure below. Present DDA detectors developed for digital radiography of pipeline girth welds are improved, providing a better contrast to noise ratio. As a result inspection of thick walled pipe can be inspected achieving better image

quality as film radiography with less radiation. Another benefit of the latest generation of detectors is that the frame rate is higher leading to a higher scanning speed. When applying a higher scanning speed, inspection time is reduced and, as a consequence, also reduces the amount of radiation. The largest motivator to adopt DDR into the pipeline industry is its potential to reduce costs associated with processing, managing and storing of films. Also crew sizes for radiography can be significantly reduced. A typical image of a DDR inspection result is presented below.

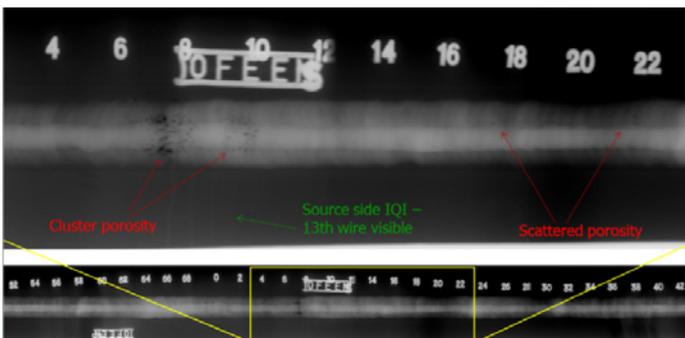


Typical Digital Radiographic Result. Bottom Left: Conventional image viewing. Bottom Right: Contrast Image (left) and same image with increased contrast

A major benefit of digital radiography, from a technical perspective, is the ability to alter the image in such a way that the detectability of defects can be optimized. This can be done without altering the raw data, thus preserving the original scan. Typical features that can be altered are; Brightness, Contrast and Zoom factor. Adjusting the brightness of a radiograph is the most basic image transformation and can be compared to changing the brightness of the lamp when viewing a conventional



Left: Conventional image viewing. Right: Contrast Image (left) and same image with increased contrast

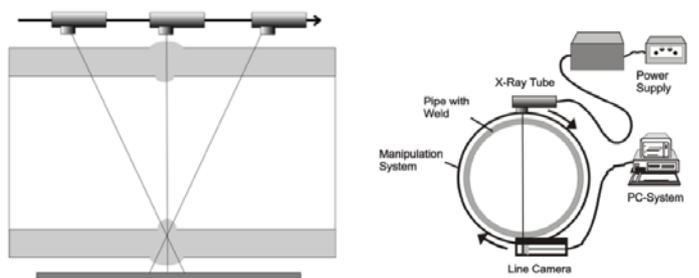
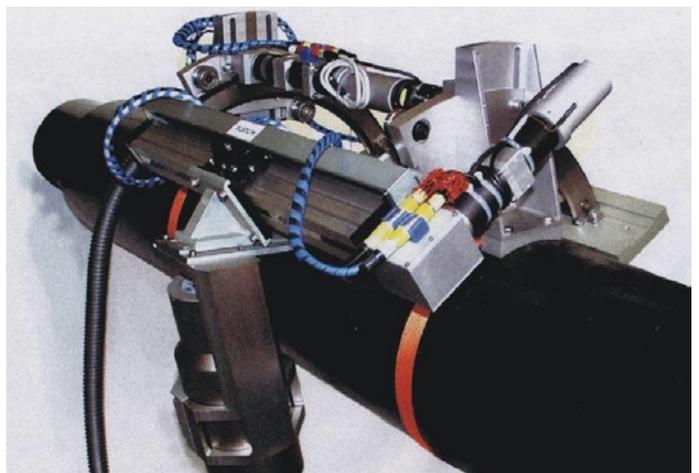


Scan of a weld, with close-up of a crack

radiographic film. By adjusting the contrast, the software can emphasize differences between dark and light areas, i.e. make light areas lighter and dark areas darker. By zooming in on a certain part of the scan. An operator can focus attention to a specific aspect of the weld. The detector pixel size plays an important role in how far one can zoom in on an image. The current generation of Digital RT systems can carry out radiographic inspection on pipeline girth welds having a pipe diameter ranging from 2" to 24" using the DWSI (Double Wall Single Image) technique. A typical cycle time for the Digital RT inspection is 3 minutes.

An even more advanced development is the use of X-ray computed tomography topographic to make 3- dimensional images of weld flaws. The detector needed is very similar to the one used in the DDR inspection, but additionally to make a scan along the weld, an additional scanning motion across the weld is needed, see Figure of the 3D X-ray scanner mechanism on the right-hand side.

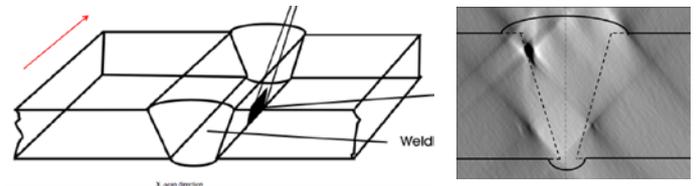
The principle of the X-ray computed tomography is represented in the figure below. The X-ray tube and radiographic line camera are mounted on the pipe separated by an angle of 180°, so that a girth weld seam is scanned by a synchronous movement of the X-ray tube (axial direction) and radiographic line camera line by line (circumferential direction). The scanner consists of a narrow beam and an array detector. During each rotation of the x-ray source and the detector a small slice (2D image) is reconstructed. By moving the X-ray tube along the pipe



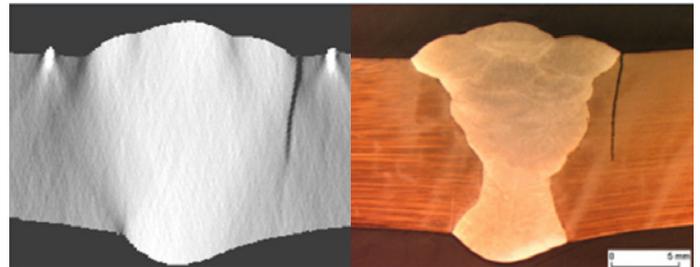
Principle of 3D X-ray inspection

axis through the scanning beam, an increased number of slices are created and a volume can be examined. The scan results in a radiometric digital image, which is presented on a computer screen. When adding all the images together a 3D image can be constructed. Of course this increases scan time considerable, but it gives an unprecedented image of weld flaws and could be directly linked to fracture mechanics calculation, further simplifying the process of accepting welds. With this 2D/3D X-ray inspection technique it is possible to compare the metallography sections with the tomography results to determine the inspection accuracy, see example below.

There are several hurdles to be overtaken to introduce 3D radiography for the pipeline industry. One of the biggest hurdles is time consumption of data processing for 3D reconstruction.



Left: Circumferential scan direction. Right: 2D image construction



Left: Metallographic image of a weld. Right: same image measured by the 2D/3D tomography inspection

## Geomatics and Pipelines

By Sue Sljivic, RSK

**Sue Sljivic looked at the innovative use of geomatics in relation to pipeline routing. RSK uses a range of techniques to give clients and their contractors a better understanding of the constraints associated with long-distance pipelines. These include satellite data, aerial surveys, surface and subsurface topographic and ground investigation techniques.**

RSK carries out aerial surveys and specifies survey techniques that best meet the clients' requirements. RSK can use fixed wing, helicopter and unmanned aerial vehicles (UAV's), which they then fit with survey-specific camera equipment. The survey equipment generates high resolution still photographs (typically once every 3 seconds) with accurate X, Y, Z data for every picture; this enables to drape them with GIS and CAD data.

The data capture element is just the foundation of a successful survey. Making the resultant data rapidly accessible, thereby enabling collaboration via the images and annotations and comments on them to tell the continually developing story of the project or asset is the key to making any aerial survey worthwhile. An online service ViSiVi, which is short for virtual site, is the data management and collaboration tool. It enables time and cost savings along with significant safety improvements by reducing field visits and ensuring everyone has a detailed view of the project. ViSiVi can be continually updated by aerial surveillance teams and even ground patrols from

smart-phone photos, thereby keeping all the interesting information in one place and minimising the requirements for site visits. The surface and subsurface geotechnical capabilities include topographic and geophysical techniques (ground penetrating radar) from 2 to 10 metres depth depending on the ground conditions. The location of manmade or natural voids, bedrock, subsurface features, archaeology and buried services (including plastic and clay pipes) are recorded using global positioning systems (GPS) allowing data to be viewed in the field using handheld tablets or mobile phones.



Aerial surveys



Before and after pipeline construction oblique aerial photographs with overlays



Geophysical surveying

For drilling and subsurface investigations a selection of percussive and rotary rigs are used. Both are capable of achieving borehole depths ranging from a few metres to over 200 metres as part of a ground investigation service. Physical samples are logged by engineering geologists who record the data on Toughpads using pLog software. Data from the electronic notepads is uplifted, then directly downloaded into gINT, a geotechnical database. Samples taken from boreholes are tested in in-house soil, rock and materials laboratories. The ability to manipulate and correlate data simplifies interpretation and understanding of the geotechnical, hydrogeological and geophysical properties of a site and the creation of ground models.



Preconstruction geotechnical survey (percussion rig)

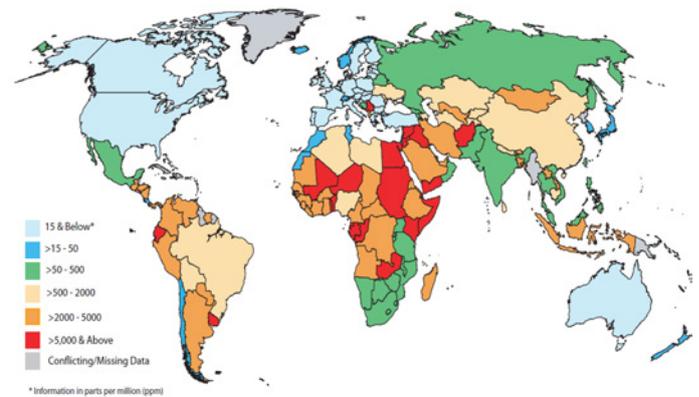
## Portable Fuel Treatment Unit - Remove Sulfur from the Road to Success...

**A solution to use old fuels on new clean engines**

By Matteo Baggiani, Sime S.r.L.

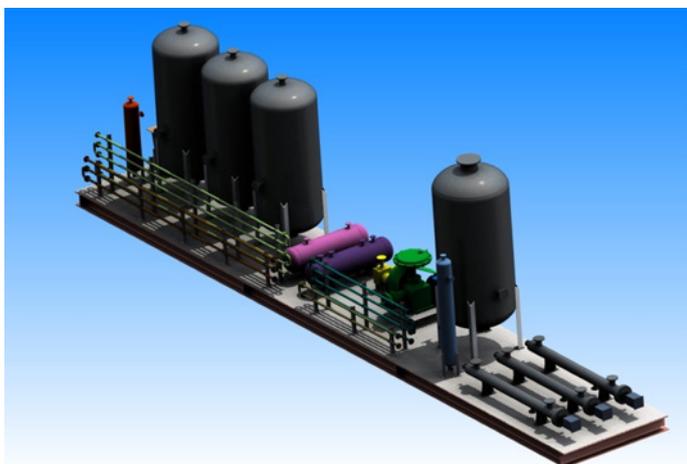
**Who would fill his car with the wrong fuel? Even unexperienced drivers know the basic rule of a proper refueling: do not use gasoline in a diesel car, or vice versa.**

To help careless drivers, gas stations use different colors, names and even different dimensions of the pump nozzle. So, once you have determined whether your car requires Diesel or Gasoline, most of the work is done. Or not? How would a driver react if, after having selected the proper fuel, his car engine broke down miles away from the gas station?

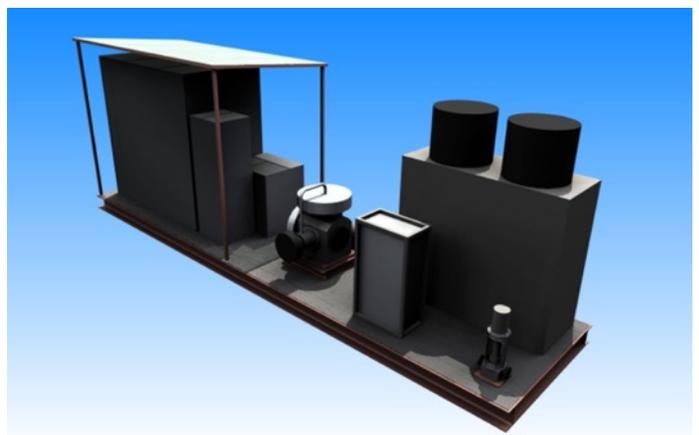


Worldwide Diesel Fuel Sulfur Content - year 2012

Against all odds, this can happen. Sometimes it happens in the construction industry. About 90% of the motors used for construction machineries or generators are diesel engines, which in the last two decades went through a fast development, driven by new ecological policies oriented to reduce pollutant and dust. Most countries' legislations impose the commercialization of Ultra Low Sulfur Diesel (with less than 15 ppm Sulfur content) and the manufacturing of



Process Package



Auxiliary Package

engines capable of burning this new kind of fuel. Problems arise when a high-sulfur fuel is used in a new engine. Using a 1000 ppm diesel fuel causes rapid decline of machinery life and performance; eventually, for >2000 ppm sulfur content, the risk of a rapid catastrophic failure is very high, abating equipment availability and, basically, project progress. This will become more common in the very next future, as companies will own more and more motors manufactured with the new rules while part of planet will keep the production of old-fashioned fuels (see map). In Africa, in the Middle East and in South-East Asia, construction companies are forced to put in place complex logistic chains to have the right fuel in the right place, with significant impact on project overall cost. To provide a new solution to the market, Sime engineered

a Portable Fuel Treatment Unit, designed specifically for the needs of construction contractors. The Unit reduces the fuel sulfur content so that it can be used safely in newly produced engines, assuring the proper machinery functioning.

The system is transportable: it is made up of two standard 20" containers and a 10" control cab; it can be installed in a week on any base camp and can be moved together with it to follow the life of the construction project. The flexibility of the Unit allows to use it in different scenarios worldwide, and to move it from one project to another. Each system can treat up to 26 000 liters of fuel per day, requires low maintenance and low operational efforts. The system can be provided turnkey or on a lease-for-project basis.

## Membership Centre

The following members were recently accepted by the IPLOCA Board of Directors as new members of the association:

### New Regular Member

**Serpetbol Peru** is a general and pipeline construction contractor with over 12 years of experience operating in several areas of the country. They mainly provide comprehensive solutions in places with complicated logistics. Most of their expertise comes from building pipelines in the Peruvian (Madre de Dios) jungle, with not only difficult topography, but extremely hard logistical conditions. Serpetbol Peru has also been executing construction work at very high altitudes for the mining industry, with pipelines built over 4,000 metres above sea level. Serpetbol Peru has an Integrated Quality Plan certified in all major areas, with a remarkable history of zero fatal or major accidents.



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### New Associate Members

Since its foundation over 30 years ago **OPUS S.r.l.** has been operating in and providing solutions to the pipeline industry. OPUS S.r.l. specializes in welding technology on offshore vessels and onshore fields; it designs, manufactures and services internal line-up clamps. OPUS S.r.l. has a broad customer base: providing equipment to business owners, general contractors, government agencies and real estate

developers worldwide. Due to its large expertise and well developed knowledge in the field of pipelines, their project management and technical offices can address any particular design and nonstandard diameter requirement.



#### OPUS S.r.l.

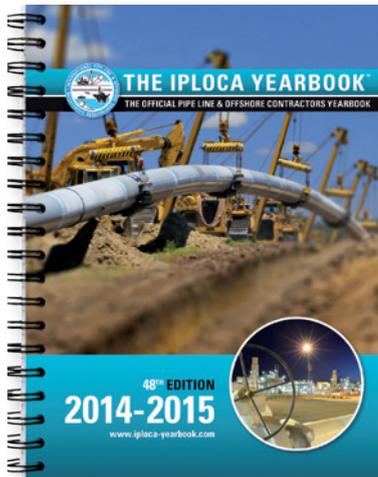
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**Pinsent Masons LLP** is a law firm which has been advising Oil & Gas Contractors for over 50 years. Headquartered in London, it has 18 offices across the UK, Europe, the Gulf and Asia. It works for clients both upstream and downstream in the traditional areas of oil and gas, including exploration and production, enhanced oil recovery, oil services and regulated and unregulated utilities. Pinsent Masons has been involved in many significant and prestigious international projects including Baku Tbilisi Ceyhan and West African Gas Pipelines. Their key expertise includes acting for major international contractors (for over 50% of the top 250 contractors), owners, NOCs and oil companies worldwide.



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# IPLOCA Yearbook

48<sup>th</sup> edition

The Yearbook is being distributed worldwide to the desks and in the field offices of pipeline companies.

We hope this edition will again meet your expectations but we always appreciate your comments and suggestions.

Do not hesitate to send us the addresses of the persons to whom you wish us to send the IPLOCA Yearbook. Please send any updates to [listing@iploca-yearbook.com](mailto:listing@iploca-yearbook.com) and be sure to also send a copy to [sarah.junod@iploca.com](mailto:sarah.junod@iploca.com). In this way we will update our newsletter mailing lists and membership database. Additional printed copies can be obtained on request: [www.iploca-yearbook.com](http://www.iploca-yearbook.com)

The IPLOCA Yearbook is available as hardcopy and also available on your mobile phone at [mobile.iploca-yearbook.com](http://mobile.iploca-yearbook.com)



## In Memoriam

**Said Khoury, Chairman and President of Consolidated Contractors Group of Companies (CCC Group), has passed away aged 91.**

Said Khoury, born in Safad Palestine in 1923, made an indelible mark on the Arab world as the construction company he founded in 1952 built much of the infrastructure that governments, businesses and residents in the Middle East take for granted today. Said Khoury held a variety of positions including Governor of Palestine at the

Arab Monetary Fund; Chairman of the Board of International Business Group (IBG); Chairman of the Board of Al-Iktissad Wal-Aamal in Lebanon; Chairman of the Board of Palestine Electric Company in Gaza; and Chairman of the Board of the Palestinian Student Fund. He was also a recipient of the Legion of Merit from the President of the Republic of Lebanon and a Legion of Unity from the President of the Republic of Yemen, as well as many other medals of merit and honour from across the world. He also held honorary doctorates from the American University of Beirut, The Lebanese American University, Birzeit University, The Russian Federation Academy of Security, Defence, Law & Order and The Medical Foundation of Kazakhstan. "May God rest his soul in peace."

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# IPLOCA materials from the 1960s or 1970s?



If you have any old documents or photographs relevant to IPLOCA's earliest days that you would like to share with the Secretariat, please contact our Business Administrator, [ira.hajdamacha@iploca.com](mailto:ira.hajdamacha@iploca.com), as soon as possible.

## Did you know...

that after renewing its agreements with its Media Partners, IPLOCA can now offer to all its members the opportunity to publish an article in either **North American Oil & Gas Pipelines**, **Offshore Magazine**, **Pipeline & Gas Journal**, **Trenchless Technology**, **World Pipelines** or **Underground Construction**?

Perhaps you have a specific major project or development you would like to share information on? For more information or to submit an article idea, please contact our Business Administrator on [ira.hajdamacha@iploca.com](mailto:ira.hajdamacha@iploca.com). Please note that IPLOCA cannot guarantee that all proposed articles will be published.



### In Memoriam

It is with a heavy heart that we inform you of Ms. Beverly Wren's death. Beverly peacefully passed away at the age of 89 on September 3<sup>rd</sup>, 2014 surrounded by her immediate family.

Beverly was a treasured friend of many in the pipeline industry and in her community. She was the former Chairwoman of Pipeline Inspection Co. Ltd. and leaves behind her loving sons Greg Miller, Ron Miller, and Gary Miller. Please keep the family in your thoughts and prayers.

## Upcoming Conferences

**UCT - Underground Construction Technology International Conference & Exhibition**  
27-29 January 2015 - Houston, TX, U.S.A.  
[www.uctonline.com](http://www.uctonline.com)

**IPLOCA Regional Meeting for Latin America**  
5 February 2015 - Mexico City, Mexico  
[www.iploca.com](http://www.iploca.com)

**DCA 54<sup>th</sup> Convention**  
7-12 February 2015 - New Orleans, LA, U.S.A.  
[www.dcaweb.org](http://www.dcaweb.org)

**PLCA 67<sup>th</sup> Annual Conference**  
24-28 February 2015 - Carlsbad, CA, U.S.A.  
[www.plca.org](http://www.plca.org)

**Offshore Pipeline Technology Conference**  
25-26 February 2015 - Amsterdam, The Netherlands  
[www.ibcenergy.com/FKA2464IPCL](http://www.ibcenergy.com/FKA2464IPCL)

**PIG - Pipeline Industries Guild Dinner**  
10 March 2015 - London, U.K.  
[www.pipeguild.com](http://www.pipeguild.com)

**IPLOCA Novel Construction Initiative Spring Session**  
25-26 March 2015 - Geneva, Switzerland  
[www.iploca.com](http://www.iploca.com)



**PLCAC 61<sup>st</sup> Annual Convention**  
13-17 April 2015 - Maui, Hawaii  
[www.pipeline.ca](http://www.pipeline.ca)

**Hannover Messe**  
13-17 April 2015 - Hannover, Germany  
[www.hannovermesse.de](http://www.hannovermesse.de)

**IPLOCA Workshop on The Role of Safety Myths in the Prevention of Incidents**  
1 July 2015 - Geneva, Switzerland  
[www.iploca.com](http://www.iploca.com)



**49<sup>th</sup> IPLOCA Annual Convention**  
5-9 October 2015 - Singapore  
[www.iploca.com](http://www.iploca.com)



**IPLOCA Novel Construction Initiative Fall Session**  
4-5 November 2015 - Geneva, Switzerland  
[www.iploca.com](http://www.iploca.com)



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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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