



IPLOCA

TOGETHER - DELIVERING SUSTAINABLE ENERGY INFRASTRUCTURE

Newsletter

June 2023

Number

95



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IPLOCA Mission

To provide value to members through a forum for retaining and sharing knowledge globally, facilitating business opportunities and promoting the highest standards in safety, innovation, quality, business ethics and sustainability throughout the pipeline construction industry.

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Letter from the President

I am delighted to be hosting this year's convention in Vancouver, from 11 to 15 September. The theme, *Together – Delivering Sustainable Energy Infrastructure*, will focus on the many aspects of today's challenges to generate and transport energy in a more environmentally sustainable manner. The Hyatt Regency is a beautiful venue, and I am looking forward to seeing everyone. The tours will give us all an opportunity to discover the beauty of the area, from the summit of Grouse mountain to the spectacular scenery and wildlife which makes coastal British Columbia world famous; a great time awaits us all!

This time, the convention schedule will be a little different, as the Board of Directors felt that spacing out the business meetings would create additional networking opportunities for all attendees. We will be holding the Business to Business Meetings and the Poster Sessions once again. These are excellent ways to educate the attendees about your organisation's capabilities. Registration is required, so please do so as soon as possible. There are also still a few convention sponsorships available, so if you are interested, contact our Convention Manager, Caroline Green.

I want to extend a personal thank you to Leon Richards of McConnell Dowell Corporation Ltd., for organising the Regional Meeting held in Melbourne in March. The event was very well attended and was a great example of the importance of participating in events such as these, when you can.

A recommendation for the next Executive Secretary was made by the Executive Committee to the Board of Directors, at their meeting in March, and was subsequently approved. Georges Hage, previously Group CEO of The C.A.T. Group, has graciously accepted the challenge to run our Association's business upon the retirement of Juan Arzuaga. I am confident that Georges will do an amazing job.

The IPLOCA Europe Mediterranean Regional Meeting will take place on Wednesday 7 June 2023 at the Tivoli Avenida Liberdade Hotel, Lisbon, Portugal. This meeting will be co-hosted by Spiecapag with the contribution of Bonatti S.p.A., DAIP and SICIM S.p.A. If your schedule allows, we would enjoy your participation.

In Vancouver we will also be honouring this year's recipients of the following awards: the Health & Safety Award sponsored by TC Energy, the Corporate Social Responsibility Award sponsored by TotalEnergies, the New Technologies Award sponsored by BP, and the Quality Award sponsored by TC Energy. These awards are a great opportunity to showcase the innovative techniques and initiatives that our member companies utilise.

Have a safe and enjoyable summer, and I look forward to seeing you in Vancouver!

Kind Regards,

A handwritten signature in blue ink, appearing to read 'Kelly Osborn'.

Kelly Osborn, U.S. Pipeline Inc.
IPLOCA President 2022-2023

News from Geneva

IPLOCA Executive Secretary Opens China International Pipeline Exhibition & Conference

Juan Arzuaga, IPLOCA Executive Secretary, was invited to speak on new technologies and took part in the opening ceremony of the 12th China International Pipeline Exhibition & Conference on 29 March, in Langfang, People's Republic of China. The theme of this year's event was "Interconnection, Green and Low Carbon" and it was co-sponsored by CPP-China Petroleum Pipeline Engineering Co. Ltd.



Xue Feng, President of CPP and Juan Arzuaga

New IPLOCA Executive Secretary Appointed

We are delighted to announce that Georges Hage, previously Group CEO of The C.A.T. Group, will serve as the next IPLOCA Executive Secretary upon the retirement of Juan Arzuaga at the end of this year.

After leaving The C.A.T. Group in 2018, Georges has been providing consultancy services in Europe and the Middle

East. He was also the Consortium Representative of the USD 1.22 billion Balkan Stream Gas Pipeline Project. During the course of his 38-year career, Georges contributed to the execution of many projects in oil and gas, construction and infrastructure in Europe, Middle East, GCC, and Africa, using his engineering, management and financing expertise.

Georges, and his wife Myrna, will be moving to Geneva to begin a transitional period with Juan as of August 2023.



Message to the Membership from Georges Hage

Joining IPLOCA as Executive Secretary is an honour and a great pleasure for me. I would like to thank the President, the Executive Committee and the

Board members for their trust in appointing me.

Having been a member of the Board from 2013 to 2018 and knowing most of the challenges that the Executive Secretary and his team have to face, especially when preparing and organising the conventions, the Board Meetings and all the work it requires to be successful, I thought thoroughly before submitting my application. For me, the Secretariat represents the heart of IPLOCA. Thanks to the commitment and hard work of its team, the Association continues to live and grow. The role of the Executive Secretary is the most important one in the Association. He acts like the conductor of an orchestra, using all his energy, interpersonal skills, knowledge and experience to conduct, guide, coordinate,

listen, anticipate and adjust, in order to make sure that each note is played at the right time for the overall work to be delivered to the satisfaction of all. I will devote all my energy, skills and expertise to achieve and go beyond the obligations of the role, by bringing innovative ideas and collaborating effectively with my team to satisfy the Board's objectives.

My vision for IPLOCA is to become the number one worldwide reference association for the pipeline industry for all members and potential stakeholders wishing to be part of an impactful international community. In order to do so, we will continue honouring our missions of providing value to our members to retain them and to attract new members, promoting membership growth (social media and networking), creating interesting and engaging activities for the members, developing the different committees (HSE, Innovation, Energy Transition) and contacting previous members to convince them to join again.

I would also like to convey to Juan my sincere recognition and appreciation for his great support to me during my tenure as a Board member and I look forward to working with him and to listening to his advice during the handover period.

Board Meeting Update

23-24 March 2023

Melbourne, Australia



HSE & CSR

The next committee meeting was scheduled to be held on Tuesday, 18 April in Rome, prior to the Novel Construction Sessions. One of the points on the agenda was to define the topic of the HSE & CSR Workshop in October. HSE Statistics forms had only been received from 8% of Regular Members and three Associate Members had also submitted theirs. Board Directors were once again encouraged to ask their companies to regularly contribute to the HSE Shared Experiences Platform, since no document had been received since the last Board Meeting.

Energy Transition

Committee Chair, Andrew Ball, said that the Board needs to agree on the format for the "Green Credentials Survey 2023", which will lead to issuing certificates for 1 to 5 green leaves in 2023, based on the following criteria:

- ✔ Existence of a sustainability policy
- ✔ Existence of an Environmental, Social and Governance (ESG) policy/report
- ✔ Adoption of a minimum of 4 UN Sustainable Development (SDG) goals
- ✔ Measurement of Greenhouse Gas (GHG) Protocol scopes 1, 2 and 3
- ✔ Existence of a roadmap to reduce carbon by 2050 or sooner

Andrew Ball offered to get some designs created of the Green Certificates and will present them at the next Board Meeting in Lisbon. The Committee targeted to meet monthly until the Convention; to organise two net-zero webinars; to encourage up to six new Corresponding Members to join the Association; to post at least one article for each region on the website; and, to propose one keynote speaker for the Convention in Vancouver.

Innovation

The Innovation Committee reported that the Road to Success will have some new content and the Novel working groups are working to start adding hydrogen. It has been a good decision to combine the HSE & CSR Workshops with the Novel Sessions, so that more people participate in both events. For 2024 these combined events are planned to be held in Houston at the new Bechtel offices which have been kindly offered by Tim Zboya to host these events.

With regards to the IPLOCA Members Technology Platform, Gerben Wansink visited the TechnologyCatalogue in the Netherlands and found that it would be good to have members openly listed, instead of having them only amongst IPLOCA members. The idea is to turn the IPLOCA Platform's homepage into a landing page as part of the global TechnologyCatalogue.com infrastructure. With this change, once a technology is listed on the IPLOCA Platform, it would automatically appear on the main TechnologyCatalogue platform. Initially for one year, IPLOCA members would receive this service for free, but will then be charged a fee - to those who agree - in order to create more visibility for their technology and take advantage of all the services the platform offers.

Scholarship Programme

About 70 applications were completed, as compared to 110 received after extending the deadline last year. After a long discussion about potential financial sources and the process followed to choose winners it was decided that a new committee led by Saji Khoury will redefine the application form, and review the eligibility and criteria for selecting scholarship winners. It was agreed that all studies would be considered for a scholarship, and that the regions may no longer be taken into consideration when allocating the scholarships. Applications for the 2024 programme will open in January rather than in October of the previous year as had been done in the past.

Treasurer's Report

The Treasurer reported that IPLOCA's total funds stand at CHF 1.8 million as compared to CHF 2.1 million a year ago, impacted by currency exchange and some prepaid deposits for Vancouver and Board Meetings. Adam Wynne Hughes had presented his proposal at the December Board Meeting, to adjust the membership fees so that funds are not further reduced, and had requested that the Board of Directors take a vote at the March meeting. The current fees have been in place since 2008, costs have gone up and the Association's funds are declining. Recent conventions have broken even with no surplus funds for IPLOCA. Adam Wynne Hughes proposed that the membership fees be increased starting from January 2024. The announcement will be made at the

Annual Convention in Vancouver in September. It is very important to choose Convention destinations that can offer good chances of leaving some extra funds after the event has been successfully held.

Membership

At the time of the meeting, it was noted that total membership numbers were 232, an increase of 10 compared to last March, including 83 Regular, 106 Associate, 32 Corresponding, 4 Academic and 7 Honorary. The following applications were approved:

- **APA**, Australia (Corresponding)
- **Cross Country Canada Supplies & Rentals**, Canada (Associate)
- **Geocean**, France (Regular)
- **Pe Ben USA Inc.**, U.S.A. (Regular)

2023 Annual Convention in Vancouver

All directors were encouraged to propose candidates to make a presentation at the OGM and PLCAC would be invited to also help with potential speakers as there will be 10 time slots this year. Since the Poster Sessions offer great visibility for companies, three days of 10 sessions will be available during the coffee breaks, at a charge of USD 1,000 each. It was agreed to also consider organising such sessions at Regional and Novel Meetings. The Spouses' Brunch will be renamed the First Lady's Brunch and will encompass all participants who are partners of companies' delegates, who will -in turn- be attending the Membership Lunch held in parallel on Friday. It was agreed that, to offset the costs involved with no-shows for the tours, each registered person

will be charged USD 20 per tour regardless of whether their Convention registration fee is complimentary or not. The total amount collected will go to the Scholarship Fund.

Regional Meetings

Melbourne was a great meeting with very interesting presentations. Leon Richards was thanked for his support. A meeting in Lisbon is being organised by Spiecapag, Bonatti and Sicim with sponsorship criteria similar to that used in Santa Cruz and Melbourne. A Europe Central meeting at Rosen's offices has been postponed until 2024 as the meeting in June in Lisbon will cover most of the European topics.

Social Media

After presentation of the Social Media Report, the Board suggested that IPLOCA concentrate on LinkedIn only, due to the significantly less activity taking place on Instagram and Twitter.

Executive Secretary replacement

The Executive Committee explained that a very structured process had been followed to evaluate the excellent candidatures received for the position of Executive Secretary. Two candidates were then short-listed and the recommendation of the Executive Committee was Georges Hage who was the C.E.O. of C.A.T. Group, has served 5 years on the Board, speaks several languages and has Lebanese and French passports. His wife Myrna is also well known within the Association and speaks several languages too. They had confirmed that they were ready to move to Geneva. The Board approved the proposed candidate by majority vote.

Sister Associations



The Australian Pipelines and Gas Association Annual Convention and Exhibition will be held from 14 to 17 October at the Perth Convention and Exhibition Centre, under the banner, "Power of the Present, Force of the Future." This theme emphasises the industry's focus on leveraging the latest technologies and innovations to drive progress and sustainability. Check their website for further details: www.apgaconvention.com.



IPLOCA Executive Secretary, Juan Arzuaga, accompanied by his wife Alejandra, attended the **Pipe Line Contractors Association of Canada's** 69th Annual Convention which took place from 14 to 18 May at the Fairmont Empress Hotel, Victoria, BC, Canada. Members of the World Federation of Pipe Line Industry Associations (WFPIA), present at this event, met and discussed the changes

brought to the industry by COVID and the difficult conditions for contract negotiations with hotels. It was also mentioned that all Sister Association members are invited to attend the IPLOCA Annual Convention.



From left: Robert Darden (DCA), Kevin O'Donnell (PLCAC), Juan Arzuaga (IPLOCA), Adam Wynne Hughes (PIG).

Membership Centre

New Regular Members



GEOCEAN is an EPCI contractor specialised in marine & offshore works. The company is part of VINCI Construction Grands Projets, as its marine works integrated business unit.

They develop turnkey projects worldwide, under all type of environmental and site conditions, for a large range of domains and clients, including SWAC (Sea Water Air Conditioning), Marine intake & outfalls system (power, desalinisation and water treatment), LNG offshore terminals (FSRU), Pipeline & offshore oil terminals (SPM / CBM), and OFW (Offshore Floating Wind). Their expertise is mainly focused on nearshore sites, shallow water & connection to shore - where offshore gradually becomes onshore - and when special and difficult situations have to be resolved.

GEOCEAN

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Pe Ben USA's roots can be traced back to 1957 as

leaders in servicing the oilfields of Western Canada. Since then, they have been involved in the planning, offloading, stockpiling, and stringing of pipeline projects with varying terrains and challenges all over the U.S.A. They have developed high-quality equipment and implemented new safety standards, keeping them at the forefront of the pipeline industry. Their procedures, team of experts and experience allow them to efficiently complete every job, no matter what. Their steady stream of successes stems from a commitment to using top quality equipment and focused personnel to get the job done safely, expediently, and efficiently.

Pe Ben USA

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New Associate Members



Cross Country Canada Supplies and Rentals Inc.

is a full industrial supply and rental company deeply

rooted and well established in the industrial infrastructure sector, specialising in pipeline, railway, power grid, mining, and civil construction. To ensure its customers have what they need when they need it, the company has branches strategically placed across British Columbia, Alberta, and Saskatchewan with plans to expand into Ontario in 2023/24. Cross Country Canada Supplies and Rentals has a proven track record in the successful navigation and evolution of the ever-changing needs and requirements of the market and diverse customer base.

Cross Country Canada Supplies and Rentals Inc.

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The **S.F.E. Group** was founded in 2019 after the merger of three world leading manufacturers of pipe fabrication

tooling and machinery: B&B Pipe and Industrial Tools LLC (U.S.A.), Mathey Dearman Inc. (U.S.A.) and TAG Pipe Equipment Specialists (U.K.). In 2022 the S.F.E Group completed the acquisition of the AXXAIR Group (France) and in May 2023 of the selected assets of Magnatech LLC (U.S.A.). Being an OEM, the S.F.E. Group offers a wide range of specialised equipment and products under the following brand names: Mathey Dearman; B&B Pipe & Industrial tools; TAG PIPE; Axxair; PPM Pipe Purge Masters; Fit Up Pro by Mathey Dearman. The S.F.E. Group has its main offices in the U.S.A. and France and has regional offices in the U.K., Germany, Saudi Arabia, U.A.E, India, Vietnam, China and South Korea.

S.F.E. Group

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New Corresponding Member



APA is a leading Australian Securities Exchange (ASX) listed energy infrastructure business. They own and/or manage and operate a diverse, \$22 billion portfolio of gas, electricity, solar and wind assets. Consistent with their purpose to strengthen communities through responsible energy, they deliver approximately half of the nation's gas usage and connect Tasmania with Victoria, NSW with Queensland, and Victoria with South Australia through their investments in electricity transmission assets. They are also an owner and operator of renewable power generation assets in Australia, with wind and solar projects across the country.

APA Group

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Calling IPLOCA Key Representatives to Update their Company Information

We encourage all Key Representatives of IPLOCA member companies to take advantage of one of the features of our updated website, which allows you to edit your company profile, via the Members Dashboard, for the IPLOCA website and the IPLOCA Yearbook.

News, awards, sponsorships and other relevant information will be added to your company profile page by the IPLOCA secretariat.

To do so, simply login via the link at the top right hand corner of our website. If you have forgotten your password or wish to create a new one, click on 'lost your password?' Should you need any assistance please contact support@iploca.com.

Member News



American Augers' Revamped Fluid Cleaning System

Horizontal directional drill (HDD) operators can get jobs done more efficiently using the revamped M300DH fluid cleaning system from American Augers®. Designed with customer-focused improvements, the M300DH boosts operator comfort, improves ease of use and increases access to work spaces. The M300DH, which assists HDD operators with clean drilling fluid, has been updated with a new pit pump variable frequency drive (VFD). The drive enables operators to adjust the pit pump flow to more accurately match the HDD rig flow and shaker feed. This provides

more precise fluid management and reduces the operator's need to constantly manage the pit pump. The M300DH also features a new genset connection that allows operators to quickly and easily disconnect from the onboard generator set and plug into an offboard generator set, boosting uptime. This new feature can help operators, who have experienced hours or even days of downtime when their generator goes down, and now return to work in minutes.

AVAX S.A. Involvement in Two New HP Projects in Greece

The West Macedonia pipeline will be the first high-pressure gas transmission pipeline in Greece, certified to transport up to 100% hydrogen and one of the first in Europe. It is part of the European Hydrogen Backbone, the infrastructure needed to achieve Europe's climate and energy objectives. The project encompasses an extension of the National Natural Gas Transmission System to the Central and West Macedonia region with a total pipeline length of approximately 158 km, of which, 94 km comprises the main branch involving a 30" diameter pipe and the remaining length covers the sub-branches, including 30 km of 14" diameter pipe and 34 km of 10" diameter pipe. The second project comprises the detailed engineering, procurement, construction and commissioning of a metering / regulating station and a line valve station at Amfitriti area, required for the connection of the Floating Storage and Regasification Unit (FSRU)



facilities of Alexandroupolis to the Hellenic National Natural Gas Transmission System (NNGTS). The operation of the Alexandroupolis FSRU through this connection will strengthen the strategic role of Greece as an energy hub for the wider region of Southeastern Europe by offering alternative sources and gas supply routes to the region, enhancing security of energy supply and autonomy.

CCC Building Largest Blue Ammonia Plant in World



The consortium of thyssenkrupp Uhde and Consolidated Contractors Group Doha S.A.L was awarded an EPCC contract for the world's largest blue ammonia plant to be built for Qatar Fertilizer Company (QAFICO). The contract was signed on 31 August 2022 in Doha, Qatar. CCC's scope of work consists of the construction of one new ammonia plant (A7) on the Q7 site in Mesaieed Industrial City south of Doha, offsite and utilities works at the Q5-Q6 site, CO₂ transfer line over existing piperack and an NH₃ loading area. The plant is scheduled for completion in 2026. The design of the proposed plant will utilise uhde® ammonia technology to build a single-line system with a record capacity of 1.2 million metric tons per annum of blue ammonia, making it the biggest facility of its kind in the world. QatarEnergy's

sustainability and energy transition strategy includes various initiatives to reduce greenhouse gas emissions in Qatar by 2035, with the blue ammonia production being one of the viable options towards reducing the carbon intensity compared to other energy sources such as LNG. Blue ammonia is produced when the carbon dioxide (CO₂) generated during conventional ammonia production is captured or stored.

Northfield Uses Goriziane E&C Latest Technology



Due to its strong reputation as a supplier of superior equipment and services, Goriziane was chosen by main EPC contractors involved in the largest gasfield in the world, the Northfield project, located off the coast of Iran and Qatar in the Persian Gulf. The project is being developed by Qatargas, one of the world's largest producers of liquefied natural gas. Goriziane is supplying pipe facing machines in large quantities for these projects, and in particular the new PF1 series, which has a high innovation content and has been a revolution in low-speed pipe cutting for the application of Corrosion Resistant Alloy pipes. The PF1 machine covers a large range of pipes diameters and has a recently developed fully electric version. The latter has been particularly conceived to be integrated into a fully automatic and reliable bevelling station, further improving efficiency, reducing personnel and increasing safety.

ILF Consulting and the HyPerLink Hydrogen Project

The transmission system operator Gasunie is entering the implementation phase with the HyPerLink hydrogen project. This is considered one of the lighthouse projects of the European hydrogen economy as it will ultimately create an efficient network for hydrogen transport - from its import sources and production sites to important industrial locations and underground storage facilities. In total, the HyPerLink



is to reach a total length of about 610 km and connect the Netherlands with Germany and Denmark. About 500 km of this backbone can be realised by converting the existing natural gas network. Preparatory work has already begun. The actual start of construction will take place in the summer of 2023. The first phase of the project is to be completed as early as 2026. In 2021, the project was nominated as a candidate for the IPCEI process (Important Projects of Common European Interest). ILF Consulting Engineers has been contracted to provide planning and project management services for the modification of the existing pipeline infrastructure. In particular, old valves and other components will have to be replaced as part of the initial upgrade measures.

Saudi Aramco Awards MBTC with Challenging Gas Plants Project



M. Al-Barghash Co Ltd. has recently been awarded the challenging Saudi Aramco project in Haradh (HDGP) and Hawiyah Gas plants (HGP) which are located in the southern area of the Eastern Province of Saudi Arabia, with five packages altogether. The brief scope in these plants is the installation and commissioning of two chemical inhibition skids and 72 of the latest wireless gateway technology corrosion monitoring systems from Emerson, with all the

associated facilities and installation of seven SS horizontal chemical storage tanks with a capacity of 1000 gallons each, with all associated facilities. Also included is the installation of various sizes of PCV, TCV & FCVs valves and two stabiliser column trays, plus 15 two-inch hot taps done in various sizes of pipeline starting from 24" to 36". In addition, the scope includes management, procurement of equipment and material (permanent and temporary), subcontracting, logistics, transportation, construction, installation, pre-commissioning and commissioning works.

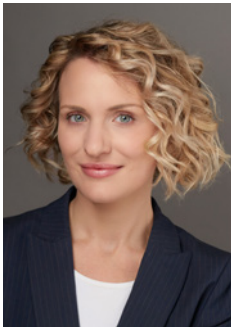
Michels Building 55 km of Canadian Pipeline



Michels is constructing 55 km (34 miles) of NPS 36 pipeline through British Columbia's Lower Mainland to provide safe, responsibly sourced oil to the world. Michels' work is divided into two spreads: the 34 km (21-mile) Spread 6 and 21 km (13 miles) Spread 7A of the Trans Mountain Expansion Pipeline in Canada. Michels is employing conventional and trenchless pipeline construction techniques to build the pipeline through river and road crossings, wetlands, farmland with high water table, golf courses, school yards, as well as urban and rural neighborhoods. The trenchless crossings include numerous auger bores and directional bores as well as six Direct Pipe installations and five Horizontal Directional Drill installations. At its peak, Michels will have up to 1,500 people working on this complex project. Trans Mountain Expansion Project is the twinning of the existing 1,143 km (710 miles) pipeline between Strathcona County, Alberta and Burnaby, B.C. The original Trans Mountain Pipeline was built in 1953.

PipeSak Announces New Director of Business Development

PipeSak Inc. is excited to announce the appointment of Rachel Goodship as Director of Business Development at PipeSak. Rachel has a wealth of experience in the oil & gas industry and started her career as a Drilling Engineer working on rigs in Europe and Africa. Rachel has since



international customers as a member of the PipeSak team.

shifted her focus from drilling to pipeline construction and has been working with the company's Canadian partner, to provide PipeSak protection solutions for two of the most difficult pipeline construction projects in Canadian history. Rachel now brings her deep knowledge and technical experience to PipeSak's U.S.A. and

Primoris Supplies Steel Pipeline for Summit Carbon Solutions



Primoris Services Corporation, through its Rockford Corporation business, was recently awarded a portion of the Summit Carbon Solutions carbon dioxide (CO₂) pipeline in Iowa. This important project – the largest of its kind – will safely capture, transport and permanently store CO₂, drastically reducing the carbon footprint of ethanol production. Further project benefits include addressing climate change, creating good paying jobs, and increasing the long-term viability of a valuable agriculture industry. Primoris' scope encompasses approximately 166 miles of steel pipeline of various diameters. Ryan Palazzo, President of Primoris' pipeline business said he was confident that the company will provide unmatched performance and value to Summit in the execution of this work. Primoris' pipeline business is comprised of Rockford Corporation, Primoris Pipeline, Snelson Companies, and Energy Services South from its recent acquisition of PLH Group. It additionally includes its specialty trenchless contractors Vadnais Trenchless Services and Pipe Jacking Trenchless.

Sicim Awarded its first Onshore Pipeline Project in Guyana

Sicim is further expanding its footprint in South America by establishing a new area of operations in Guyana. In



April 2023, Esso Exploration and Production Guyana Limited awarded the contract for the "C6 - Onshore Pipeline Construction", as part of its role in the "Gas to Energy Project" in Guyana. The contract has been signed by the Joint Venture of Sicim Guyana Inc. with its local partner GAICO Construction and General Services Inc., a well-known construction player in Guyana. The project is part of an outstanding development for Guyana, consisting of the construction of a pipeline connecting the offshore Destiny and Unity FPSO vessels to an onshore integrated plant (including an NGL plant and power plant), also allowing development of future industries. The 12-inch pipeline corridor is approximately 25 kilometres long, from the land side of the shore with associated Shore Crossing Valve Site and Receiving Facility at each end of the line. The project will largely involve local manpower in compliance with Guyana's Local Content Law for preserving local people's employment and professional growth in business, supported by Sicim's senior pipeliners. The final tie-in between the onshore and the offshore sections is scheduled in September 2024, to be executed by Sicim.

Max Streicher FSRU Connection For Snam Rete Gas

Max Streicher S.p.A. recently completed the activities for the connection of a new FSRU (Floating Storage Regasification Unit) installed in the port of Piombino (Italy) to the national gas pipeline network of Snam Rete Gas. The project included the construction of the infrastructures for the docking of the ship carrying LNG, the pipes for the discharge of the regasified gas and the facilities and pipes for the connection to the gas pipeline network. The pipeline work involved the construction of a 2.5 km long pipeline DN 1200 (48"), 1,300 m of which was designed to bridge the sea section between the harbour quay and the mainland using the "Direct Pipe" method and 1,000 m to cross a swamp area. On the other hand, the project



included 12.2 km long double pipeline DN 650 (26") containing two crossings of the river Cornia with a length of 582 m each, executed by HDD drilling and a receiving station with all metering systems. The special features of the project were the urgency in the implementation due to the current gas and materials shortage as well as the fast speed of the work schedule to cope with the gas emergency plan laid down by the Italian government.

Vacuworx RC Lifter Used in Baltic Pipe Project

The Baltic Pipe project is multi-segmented and includes the approximately 110 km, 800 mm OD North Sea offshore pipeline. The project is considered a major piece of gas infrastructure for Central and Eastern Europe, creating a new supply corridor in the European energy arena. The build-out of major pipeline systems demand collaboration and attention to detail pipe secure, and damage-free during the transportation, storage, staging and installation processes. Operators considered a turn away from hooks, slings, and cables that could harm the integrity of coated steel pipe and were on the lookout for safer, faster, and more contemporary solutions. When properly attuned and supported, vacuum lifting units have stood out as formidable, manual-labour saving attachments in terms



of versatility and stamina in the global oil and gas pipe-handling fields. For the Baltic Pipe job, MAX STREICHER GmbH & Co. acquired an RC Series lifter and pad assembly directly from equipment dealer and Vacuworx distributor, Maats Pipeline Professionals, based in the Netherlands. The lifter, coupled with a high-capacity CAT 352 hydraulic excavator, was deployed on the Baltic Pipe project in Denmark for several months to unload the pipes from trucks and lay them out with fast and precise placement.

Winn & Coales International Ltd. Celebrates 140 Years' Service to Industry



Winn & Coales International Ltd., leading manufacturer and supplier of corrosion prevention, waterproofing and sealing products, is celebrating its 140th anniversary this year. First established as an import/export house in London in 1883, the company has earned a reputation for supplying high-quality, effective, long-term solutions for its customers problems. Its well-known brands such as Denso™, Premier™, Archco™, Protal™, Premier Shrink Sleeves™, Steelcoat™, SeaShield™ and Sylglas™ provide effective protection for buried, submerged, or exposed steel and concrete pipes, tanks, and structures. A vast number of industries benefit from the tailor-made solutions Winn & Coales provides, with the company demonstrating a clear commitment to continual improvement of its product offering through innovative research and development, and product acquisitions – a notable example of which being Viscotaq™ visco-elastic coatings in 2021. Today, Winn & Coales International Ltd. comprises seven subsidiary companies – two in the U.K., and one each in the U.S.A., Canada, South Africa, Australia, and New Zealand – with multiple regional offices, and a network of global agents and distributors. The shared knowledge and experience across the group of companies ensure its extensive range of corrosion and chemical resistant coatings and linings are available almost anywhere in the world.



It's time to register!

Online registration is available at www.iploca.com

Download the convention brochure >

All images of Vancouver © Destination Vancouver

55th Annual Convention Vancouver, Canada

Vancouver is a lively, attractive waterfront city, where IPLOCA Members and their guests will be getting together in September to network and build business relationships in a series of meetings, technical presentations, social events and tours.

Open General Meetings

Some excellent presentations are planned for the Open General Meetings on Tuesday, Thursday and Friday. Speakers who have already confirmed include Kevin Olson

of Fluor, Andy McDowell of Gulf Energy, Grant Fuller of McConnell Dowell, Katrina Cooper of RSK, as well as Terri Steves and Bevin Wirzba of TC Energy. Topics covered will range from Managing Risks on Major Pipeline Projects, Social Investment & CSR, to the Coastal GasLink and other projects in North America.

Business-to-Business Meetings (B2B)

Registered delegates who have indicated their interest in a B2B Meeting during the convention registration process, and received confirmation from the Executive Secretary, Juan Arzuaga, will be able to attend 10-minute one-to-one appointments with buyers, suppliers, operators and contractors on Tuesday afternoon.





Poster Sessions

Why not host a Poster Session during the coffee breaks at the Open General Meetings on Tuesday, Thursday and Friday morning? Poster Sessions are a great opportunity for IPLOCA Members to present their latest technologies or news about recent pipeline projects in an informal context.

Tour Programme

This year's tours are scheduled for Monday and Wednesday:

- **Vancouver Discovery tour** where participants will spend the day exploring the city with visits to historic Gastown, Granville Island, Stanley Park and its magnificent rainforest.
- For those who are not afraid of heights, the **Northern Exposure tour** will take them to two iconic Vancouver landmarks: Grouse Mountain and the Capilano Suspension Bridge.
- Ultimately, for the more adventurous, an unforgettable **Sea Safari** on inflatable zodiacs amidst the spectacular scenery and wildlife along the coast. There is limited space available on this tour so we advise you to register early!



Golf Tournament

IPLOCA's golfers will be returning to the Furry Creek Golf & Country Club where some of them will have already competed on this course back in 2005 when IPLOCA held its 39th Convention in Vancouver.

First Lady's Lunch

On Friday morning ALL spouses are invited to join IPLOCA's First Lady, Staci Osborn, aboard the M.V. Harbour Princess for lunch and a cruise through the waters of Vancouver Harbour to admire the panoramic views of the city and the coastal mountain range.

Plan Ahead for Your Visa

Most foreign nationals need an Electronic Travel Authorization (eTA) or a Temporary Resident Visa (TRV) to travel to Canada. For those nationals who do need to apply for a TRV, we strongly advise you to make your application for a visitor visa at least 12 weeks in advance of your planned travel dates. Additional information is available on page 20 of the convention e-brochure.



Convention Sponsorship

Opportunities are still available at Platinum, Gold and Silver level!

For as little as USD 3,750 your company can become a Silver Sponsor and increase your company's visibility prior to, during and after convention week.

Alternatively, become a Gold Sponsor and your company will receive a complimentary convention registration fee (value USD 2,200) and an invitation to the prestigious, invitation-only, President's Dinner on Tuesday evening.

All convention sponsors have the following benefits:

- Item or event-related logo visibility
- Company logo included in the interactive logo wall posted on the IPLOCA website and on the convention app
- Logo projected during the 'Thank you to our Sponsors' slideshow at the Final Banquet
- Company name listed in the Final Banquet Menu
- Logo printed in the September edition of the IPLOCA Newsletter

Contact caroline.green@iploca.com for more information.

Many thanks to all the IPLOCA Members who have already confirmed sponsorship for the Vancouver Convention:

Platinum Sponsors

- Caterpillar
- CRC-Evans Pipeline International Inc.
- Liebherr
- Maats Pipeline Professionals
- PipeLine Machinery International

Gold Sponsors

- American Augers
- Bechtel Pipeline
- Bonatti S.p.A.
- Consolidated Contractors Company (CCC)
- CPP
- DENSO GmbH
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- Qapqa
- Ritchie Bros.
- SCAIP
- SEPCON
- SICIM S.p.A.
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- Techint Engineering & Construction
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- Vermeer
- Volvo Construction Equipment
- Winn and Coales International Ltd.
- Worldwide Pipelines

Silver Sponsors

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- HABAU
- MAX STREICHER GmbH & Co. KG aA
- Pipeline & Gas Journal
- PPS
- Price Gregory International
- U.S. Pipeline, Inc.
- VACUWORX
- World Pipelines

Sponsorship as of 30 May 2023

Health, Safety, the Environment & CSR

New HSE & CSR Committee Member

Benet Chan will replace Perry Redman who retires from Caterpillar as of 1 June.

Committee members thanked Perry for his invaluable contribution to the work of the Committee. Benet has over 25 years of industry experience and is based in Singapore. He is responsible for supporting commercial and product solutions for Asian pipeline customers. He has substantial experience in construction technique best practices and is a strong advocate for advancing safety and sustainability with customers and the industry. Benet has been instrumental in advocating customer safety requirements into Caterpillar new product development programmes across product portfolios for the pipeline and energy industry.

HSE & CSR Workshop

This year's workshop will be held on **24 October** in Munich, Germany and will focus on Organisational Safety Memory. The workshop will be split into two parts. In the first part of the day specialists will cover the topic with theoretical

concepts. The second part of the day will give the opportunity to attendees - separated into breakout rooms - to brainstorm and share their learnings. At the end of the workshop each group leader will be invited to present their learnings and say how they will apply what they have learnt.

HSE Statistics Returns

As of the last Committee meeting on 18 April, and despite two reminders, only half of the 2022 H&S Statistics Returns had been submitted, in which one fatality had been reported. As many fatalities are related to tie-ins, a guidance document is being developed that outlines tie-ins related to "invisible tensions" when placing pipes during projects.

Health & Safety and Quality Awards

Winners and runners-up for the IPLOCA Health & Safety Award and the IPLOCA Quality Award, both sponsored by TC Energy, along with the Corporate Social Responsibility Award, sponsored by TotalEnergies, will be presented with their trophies at the first Open General Meeting held on Tuesday, 12 September during the 55th Annual Convention in Vancouver.

Regional Meetings

East & Far East

An IPLOCA Regional Meeting for the East & Far East took place on Wednesday, 22 March at the Langham Hotel, Melbourne, Australia.

This all-day meeting was co-hosted by APGA - Australian Pipelines & Gas Association and presentations focused on health, safety, the environment and quality. It was attended by close to 70 participants including IPLOCA members from all over the world and key players in the pipeline and construction industry of the region. The following presentations were made:

- **Lessons in Resilience: How to Strengthen your Mental Health during Challenging Times** - Stephan Dale, Consultant
- **Client and Principal Working Together on HSE: NGI Project** - Paul Whyte, Nacap & Richard Morgan, APA
- **Pipe Drove Prevention and Root Cause Analysis** - Phil Woodhouse, Spiecapag & Lou Guevara, Vacuworx
- **Rehabilitation of Contaminated Land** - Tom Breadon, Jemena
- **The Sustainability Journey in the Pipeline Industry: Best Practices** - Richard Kydd, dss+
- **Improving the Quality & Maximising the Value of Coating Maintenance** - Adam Matthews, DENSO

- **Organisational Reliability** - Sean Brady, Brady Heywood
- **Material Fragment Sizing : Bedding and Padding** - Daniel Lexander, Allu and Sami Rahman, Allu
- **Internal Bending Machinery: Safe Operations** - Gerben Wansink, Maats Pipeline Professionals
- **Australian Industry Projects: Update and Insights** - Senior Executives of APA, Jemena and AGIG

Further details are available on our website: www.iploca.com/event/iploca-east-far-east-regional-meeting.

Europe Mediterranean

The next IPLOCA Europe Mediterranean Regional Meeting will be held on Wednesday, 7 June at the Tivoli Avenida Liberdade Hotel, Lisbon, Portugal.

This meeting is being co-hosted by Spiecapag with the contribution of Bonatti S.p.A., DAIP and Sicim, and will include presentations by IPLOCA members and representatives of companies from the pipeline and construction industry in the region, with a special focus on sustainability and energy transition. More information on the agenda and registration for this event is available at: www.iploca.com/event/iploca-europe-mediterranean-regional-meeting-2.

Innovation

Novel Construction Spring Session

The Spring Novel Construction Meeting was held at the Ripa Roma hotel in Rome, Italy, on Wednesday, 19 and Thursday, 20 April.



More than 80 delegates from across the world participated in the event. On Wednesday morning, presentations were made by IPLOCA members and guest speakers on their innovative developments and initiatives with the aim of improving pipeline design and construction.

The following subjects were presented:

- **The Role of Green HDD for Eco-Friendly Pipeline Installation**
Simon Herrenknecht, Herrenknecht AG

- **Laurini IBEX – Four Track Drive Skid**
Marco Laurini & Michelangelo Blasi, Laurini
- **Evaluation of Pipeline Surface Preparation ***
Frits Doddema, MONTI- Werkzeuge GmbH
- **Project Construction Quality Management: Insights and Analytics on Project Progress, Safety and Quality**
Rene Ramirez, Blue Sky Evolution
- **Pipe-in-Pipe Construction and Preheating of Pipelines**
Joseph Gilmartin, Fluor
- **New Flexible System for Abrasion-Resistant Overcoat ***
Natale Fabrizio Civardi, LK2 Srl
- **Digging Deeper: New Innovations in Trenchless to Revolutionise Infrastructure Development ***
Kim Abrams & Roberto Zillante, Petra

* Articles on these initiatives follow this report.

Copies of all the presentations are available at www.iploca.com/event/iploca-novel-construction-spring-session-2023

On Wednesday afternoon and Thursday morning, group work sessions and presentations took place to review the existing and the new chapters that need to be completed, as well as additional subjects to be developed for “**The Road to Success**” app. We would like to thank all of those who participated in the Spring Novel Construction Meeting.

If you would like to take part in the Novel Construction Initiative, please contact the appropriate group leader or gregoire.demontmollin@iploca.com. We look forward to our next session which is planned for **25-26 October 2023** in Munich, Germany. The hotel is yet to be defined.

Surface Preparation for Pipelines

Frits Doddema, CEO MONTI-Werkzeuge GmbH

During the IPLOCA Novel Session in Rome, the MONTI Group gave a presentation on the purpose of surface preparation.

Surface preparation is the removal of imperfections such as weldspatters, visible and invisible contaminants, rust, existing coatings, treatment of coatings such as linepipe coatings, bevelling and creating profile for coatings and sealants ensuring the best possible bond, likely to be exposed to severe environments, such as water immersion and continuous condensation conditions. Extra consideration should be given to testing for soluble salts and other invisible contaminants on the visually clean surface by the physical and chemical methods which form the subjects of the various parts of ISO 8502 [2].





The roughness characteristics of the surface should also be considered by reference to the various sections of ISO 8503 [3].

The Bristle Blaster® suite of products offers a unique surface preparation solution when a blast-quality finish is required, but abrasive blasting is not feasible, economical, or is prohibited. The Bristle Blasting method enables operators to remove coatings, corrosion and scale while simultaneously generating an anchoring surface profile. The tool is a combination of a wire bristle "belt" dynamically tuned to a drive unit and is designed to allow the bristle tips to strike the corroded surface with the same kinetic energy as blast media.

Tools are available in both electric and pneumatic models as well as our new cordless version. The new Bristle Blaster® Cordless can deliver a level of surface preparation on a par with abrasive blasting. Corroded/pitted steel surfaces can be restored to a near-white metal appearance and an anchor profile of 2.6 to 3.3 mil is routinely obtained on standard API 5L steel. Features include a non-locking safety switch, anti-vibration handle and rope access connection. The optional Dust Collection Shroud features



a closed protective cap with a transparent and quickly removable side panel for bristle belt change. The shroud can be connected to a portable, battery powered backpack vacuum. Batteries and chargers are part of the Cordless Alliance System called CAS, allowing for combination with different machines and manufacturers. Users will experience about 25 minutes of surface preparation time from an 8Ah/18v battery.

For increased production, the Bristle Blaster® Double Electric can treat up to 3m²/hr. per operator. The Double employs two 23mm bristle belts simultaneously and can be used on open surfaces for grit blast equivalent surface preparation. The Double also features a non-locking safety switch, vibration controlled handle and rope access connection.

The Bristle Blaster® has been deployed extensively on pipelines, refineries, bridge refurbishment, marine fabrication and repair, and other industrial construction and maintenance applications. For more information, please refer to the presentation from MONTI-Werkzeuge GmbH on Surface Preparation Methods, available on the IPLOCA website, or visit www.montipower.com.

AroEagle

Flexible System for Abrasion Resistant Overcoat

Natale Fabrizio Civardi, owner of LK2

HDD - Horizontal Directional Drilling - is the most widely used technique to install sections of pipelines across areas that must remain undisturbed, such as roads, lakes, buildings, railroads, or rivers.

This method allows the passage of pipes in areas considered to be high risk, with the least environmental impact and ease in realising the work. During decades of experience in oil &

gas and corrosion prevention, LK2 has tried different outer mechanical protection material and experienced the critical issues related to them. The start of the AroEagle project was driven by different factors: the need, to bypass long delivery term and short shelf life; to have a material ready for installation as soon as it has been produced, to have a market competitive product; to have a customisable product; and, to have market potential.



AroEagle

AroEagle is the LK2 Water Curing Fiber-Glass Mechanical Protection. It consists of a triaxial fiberglass fabric, supplied in different thicknesses/sizes, impregnated with methylene diphenyl diisocyanate (MDI) based polyurethane resin which cures once activated by water (MCU). By providing this product the target is to grant quality and strengthen the integrity of the overall coating on the entire pipeline. This abrasion resistant overcoat, covering both the pipes and the field joints, provides homogeneity over the entire pipeline and thus reduces the number of potential weak spots.

AroEagle has already been used for 17 HDD and more than 15 km of covering, mainly on the Italian territory. Thanks to the ease of application and an excellent balance between drying time and application time, this product is based on the real needs of the users.

LK2's Abrasion Resistant Overcoat solution is suitable for several applications, including HDD, micro-tunnelling, boring, rock shield mechanical protection, trenchless pipeline construction, FJC (Field Joint Coating), factory direct application, and district heating pipeline protection.



Challenges

One of the most challenging projects was the execution of the HDD crossing called 'Terre Armate' Reconstruction of the San Salvo-Biccari DN 650 (26"), 75 bar methane pipeline and related works. Following an intense and complex pulling phase that lasted about 20 hours, on the morning of August 10, 2022, it was finished. It has been a real challenge with nature: especially for the initial and final part of the drilling, that were characterised by a lithology not particularly favourable to the application of HDD technology. The presence of moderately thickened gravels with clasts of a polygenic nature and a maximum diameter of about 80 mm of sub-angular shape, were obstacles that tested AroEagle. The project also involved overcoming a steep area with a 33% slope and a difference in elevation between upstream and downstream of about 45m, some truly challenging conditions.

Due to the construction of the HDD variant therefore, it was possible to avoid laying the pipeline along the entire slope with traditional open excavation techniques and the construction of reinforced soil, minimising the environmental impact and improving the pipe laying cover. After completing the drilling, data was collected to be further analysed; it was found how crucial proper joint covering and pipeline efficient protection from adverse terrain were.

A Project Data Report was prepared to verify the pipeline draught processes and obtain data regarding the effectiveness of external mechanical protection for the pipeline. According to the report, after the evaluation of the level of damage suffered by the main coating of the pipeline section laid with trenchless technology under high mechanical stress, a very high level of performance was achieved. The results of the calculations, made after the surveys, report the condition of the coating to be more than excellent.

For more information, visit www.lk2group.com.





Petra's New Innovations in Trenchless to Revolutionise Infrastructure Development

Kimberly Abrams & Roberto Zillante, Petra

We founded Petra with the purpose of undergrounding utilities at scale using trenchless technologies, because we believe that when we create innovative trenchless machines which are more efficient and more flexible, we can make trenchless as ubiquitous as trenching.

We have focused on creating trenchless technologies that affordably and dependably install utilities through various geological conditions. Our approach prioritises inventive and efficient boring techniques, like the Petra Jet Bore™, which features a groundbreaking, heat-transfer based cutterhead designed for fracturing hard, abrasive rock formations that are conventionally difficult to bore or drill.

The Jet Bore™ module enables rock boring without direct contact, eliminating cutterhead tool wear with a drastic reduction of thrust force requirements. Because of its unique design, the cutterhead can be easily extracted by sliding through the casing for maintenance. This is particularly important for smaller diameters where changing cutting tools is mostly impossible. With these innovations, contractors facing hard rock don't have to lose sleep over the accuracy of their bore sample analysis and drive lengths are no longer limited by the need to reach the exit pit before the tools wear out. In 2021 and 2022, we successfully tested the Jet Bore™ in the field and achieved:

- 305 mPa quartzite rock South West Minnesota (U.S.A.) at a rate of 1" per minute at 20" diameter.
- 160 mPa on granite rock in Central-Texas (U.S.A.) at a rate of 0.7" per minute at 32" diameter.

Since the Jet Bore™ is easily swapped in, one of the key applications is quickly getting through unexpected tough obstructions. Our long-distance version of the Jet Bore™ is

currently in late-stage development and once it is finished will revolutionise the way we design utility projects in rocky areas.

Modularity of the Ai1

To bore utility tunnels at scale, we had to think beyond just a hard rock trenchless method. We needed to build a platform to bore through all geologies, including other nightmare ones like flowing sands, loose rocks, or any other unstable ground conditions.

We didn't want to build yet another single-purpose solution, so for the past eighteen months, Petra has been developing our first major product: the All-in-1 (Ai1) Petra Platform.



The Ai1 is among the most innovative, cost-efficient, and environmentally friendly trenchless technologies available in the market today. As the first hybrid-powered trenchless multi-tool with six interchangeable boring modules, it is capable of navigating a wide range of geological conditions at various diameters. The Ai1 employs electric-powered hydraulic pumps, which can be powered by diesel gensets, batteries, or mobile substations. Consequently, it's as green as your power source and always emissionless in the pit. Petra's Ai1 multi-tool is 6 conventional and also proprietary trenchless methods combined into 1 platform.

Here is just a sample of what the Ai1 can do:

- In suitable ground conditions, the Pilot Tube System can accurately set the bore path before pushing or pulling pipes with other Ai1 modules.
- In stable soil conditions, we deploy our Auger Boring Module.
- In unstable conditions like flowing sand under groundwater, we use our proprietary Assisted-Dynamic Boring (ADB) Module.

- To install small diameter sewer lines quickly and economically without sacrificing slope precision, we employ our Pilot Pullback Module.
- To enhance the structural integrity and extend the service life of an existing pipe without extensive excavation, we deploy our Slip Lining or Pipe Bursting Module.
- Our most advanced development, the Petra Jet Bore™ module, is utilised when we need to bore through the hardest and most abrasive rock.

Conclusion

As a technology-enabled trenchless service provider, we have deployed our Ai1 platform on trenchless construction projects around the world. The versatility of our platform allows us to meet the demands of constantly evolving projects, and crucially, enables us to adjust to varying geological conditions using just one machine. Petra's trenchless boring technology is designed for both new underground infrastructure and the rehabilitation of aging infrastructure, while minimising delays and significantly reducing project timelines and costs.

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WE KNOW HOW

We are a strategic partner to our clients. We develop and implement projects and efficient, innovative, and sustainable solutions that respond to business objectives.



Nominations

to the 2023-2024 IPLOCA Board of Directors



Every year, usually at our Annual Convention, the Board of Directors is renewed by the incorporation of new members. As per the IPLOCA By-laws the term of office is up to two years for those seats that are not for appointed or "at-large" directors.

Vacant Seats

We are looking for candidates who would like to serve on the IPLOCA Board of Directors. Executives who are nominated can also volunteer to serve on one of IPLOCA's committees or projects as necessary.

Nine seats are becoming vacant by the end of September 2023:

1 seat in Middle East & Africa

www.iploca.com/middleeastandafrica

2 seats in America North

www.iploca.com/americanorth

2 seats in Latin America

www.iploca.com/latinamerica

2 seats in Europe Central

www.iploca.com/europecentral

1 seat in East & Far East

www.iploca.com/eastandfareast

1 seat representing the Associate Members

www.iploca.com/associatemembers

If you are an owner or a senior executive of a member company and would like to be considered for a vacant seat on the IPLOCA Board of Directors, please review the Duties and Commitments of Board Members. An application form, complete with a brief résumé and a photograph should be sent no later than **16 August 2023**, to the IPLOCA Executive Secretary, juan.arzuaga@iploca.com.

Nominated Board Directors serve a two-year term commencing after the approval of the results at the Annual General Meeting (AGM), taking place on Friday, 15 September, in Vancouver. Further information on vacant seats for the 2023-2024 IPLOCA Board of Directors is available on our website: www.iploca.com/about-us/board-of-directors/vacant-seats-september-2023.

Voting at Regular or Associate Member Meetings

Each member company is entitled to one vote. If no-one from your company is able to attend the Regular or Associate Member meeting in order to vote, one vote per member company may be made on a proxy form (also available on the website) and must be received by the Executive Secretary (juan.arzuaga@iploca.com) in the IPLOCA Secretariat, no later than **15 August 2023** in order to be counted.

Any questions regarding the nomination procedure can be addressed to the IPLOCA Executive Secretary, juan.arzuaga@iploca.com.

In accordance with the Association's current By-laws (effective as of 30 September 2017), the 2023-2024 IPLOCA Board of Directors may consist of a minimum of 12 and a maximum of 24 directors as follows:

1. Up to fifteen directors representing Regular Members (one or two directors for each of the 8 geographic regions as per the current membership), elected by the Regular Members
2. Three directors elected by and representing the Associate Members of the Association
3. Up to five Directors-at-Large make up the remainder of the Board, and are appointed each year by the Board of Directors at its first meeting. 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 any committee work, to capitalise on their knowledge and ensure the continuity of leadership in certain areas.
4. Out of this group of directors, five officers collectively form the Executive Committee. These are the President, 1st Vice President, 2nd Vice President, the Treasurer and the Immediate Past President. Officers are directors of the Board and represent Regular Members.

IPLOCA Board of Directors 2022-2023



Front row left to right: Adam Wynne Hughes, Leon Richards, Kelly Osborn, Gonzalo Montenegro, Roberto Castelli, Juan Arzuaga. **Second row:** Leonardo Gravina, Virendra Varshney, Saji Khoury, Bruno Pomaré. **Third row:** Yasar Giregiz, Andrew Stuart, Tim Zboya, Robert Bell. **Fourth row:** Wilko Koop, Giacomo Bonfanti, Adel Botros, Mustafa Kopuz. **Back row:** Doug Bailey, Gerben Wansink, Roger Spee, Bill Solomon, Andrew Ball. **Inset:** Edgar Chavez, Gian Marco Dondi, Robert Linder.

Officers

Kelly Osborn (U.S. Pipeline, Inc.),

President, Director America North

Roberto Castelli (Bonatti S.p.A.)

1st Vice President, Director Europe
Mediterranean

Leon Richards (McConnell Dowell
Corporation Ltd.), 2nd Vice President,
Director East & Far East

Gonzalo Montenegro (SEPCON),
Immediate Past President

Adam Wynne Hughes (Pipeline
Induction Heat Ltd.), Treasurer,
Director Europe Northwest

Directors

Abdullah Al Mahmud* (PEAL),

Director East & Far East

Kevin Allen* (RMS Welding),

Director America North

Andrew Ball (J. Murphy & Sons Ltd.),

Director Europe Northwest

[Energy Transition Committee Chair](#)

Robert Bell (Price Gregory International
Inc), Director America North (resigned)

Giacomo Bonfanti (GDI),

Director Latin America

Adel Botros* (Al-Qahtani Pipe Coating
Industries), Director Middle East & Africa

Edgar Chavez (ALLU Group),

Director Associate Members

Gian Marco Dondi (SCAIP S.p.A.),

Director Associate Members

Yasar Giregiz (Fernas Construction

Company), Director Europe Eastern

Saji Khoury (Consolidated Contractors

Company- CCC), Director Middle

East & Africa,

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Wilko Koop* (A.Hak Groep B.V.),

Director Europe Central

Mustafa Kopuz (Tekfen Insaat Ve

Tesisat), Director Europe Eastern

Bruno Pomaré (Spiecapag), Director

Europe Mediterranean

[HSE & CSR Committee Chair](#)

Andrew Stuart (Winn & Coales

International Ltd.), Director Associate Members

Virendra Varshney (Kalpataru PTL),

Director East & Far East (resigned)

Gerben Wansink* (Maats Pipeline

Professionals), Director Europe Central,

[Innovation Committee Chair](#)

Tim Zboya* (Bechtel Pipeline), Director

Latin America

Directors-at-Large

Doug Bailey (Caterpillar Inc.)

Leonardo Gravina (SICIM S.p.A.)

Robert Linder (Liebherr-Werk

Telfs GmbH)

Bill Solomon (Vacuworx, L.L.C.),

[Membership & Communication](#)

[Committee Chair](#)

Roger Spee (CRC-Evans Pipeline

International, Inc.)

[Convention & Board Location](#)

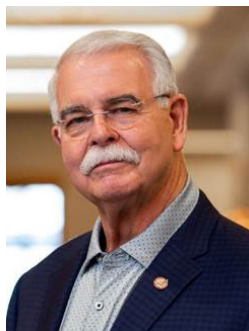
[Project Lead](#)

Executive Secretary

Juan Arzuaga

* appointed by the Board of Directors

Obituary



Remembering Jim Summers

Pipe Line Contractors Association (PLCA) President, James ("Jim") Summers, 74, of Fulshear, Texas, U.S.A. died on Sunday 12 March, in Houston, after a courageous battle with cancer.

Born on 15 January, 1949, in Kane, Pennsylvania, Jim married Margaret (Peg) Mix in February 1974; she preceded him in death in June 2007. He then married Mary Filson in November 2017.

Jim worked his entire life in the pipeline industry starting off with Utility Constructors in Linesville, Pennsylvania. At the time of his death, he was employed by Snelson Companies, Inc. as the Vice President of Estimating & Construction. Prior to that he was employed by Associated Pipe Line Contractors, Inc. for a number of years.

Jim was first elected to the PLCA Board of Directors in 2016 and then as an officer in 2020. He was elected President of the PLCA on February 10, 2023, during the PLCA's 75th Annual Convention.

Important IPLOCA Dates

Member News for IPLOCA September Newsletter

31 July – Deadline for submissions
newsletter@iploca.com

IPLOCA Annual Convention

11 August – Cut-off date for registration

Candidates for Nominations to IPLOCA Board of Directors

16 August – Deadline for applications
juan.arzuaga@iploca.com

IPLOCA Annual General Meeting

15 September – Vancouver, Canada
www.iploca.com

Member News for IPLOCA December Newsletter

31 October – Deadline for submissions
newsletter@iploca.com

Upcoming Events 2023

IPLOCA Europe Mediterranean Regional Meeting

7 June – Lisbon, Portugal

www.iploca.com/events/regional-meetings



IPLOCA 55th Annual Convention

11-15 September – Vancouver, Canada

www.iploca.com/events/annual-convention



11th Annual Global EPC Project Management Summit

27 - 29 September – London, U.K.

www.opexgrp.com/upcoming-events.aspx

ADIPEC

2-5 October – Abu Dhabi, U.A.E.

www.adipec.com

APGA Convention and Exhibition

14-17 October – Perth, Australia

www.apga.org.au

IPLOCA HSE & CSR Workshop

24 October – Munich, Germany

www.iploca.com



IPLOCA Novel Construction Fall Session

25-26 October – Munich, Germany

www.iploca.com



Offshore Energy Exhibition & Conference 2023

28-29 November – Amsterdam, The Netherlands

www.offshore-energy.biz/oeec2023

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Our ambition is to continue being the world's leading international EPC pipeline and facilities contractor by securing added value to our clients, investing in our people and the communities we work with.



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