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Executive Summary

Profundo Technologies Ltd’s primary objective is to deliver best in class technology and operations solutions to the oil and gas industry within the Peoples Republic of China and at major international oil and gas producing regions.

The Peoples Republic of China’s energy production and distribution continues to grow to meet the increasing energy demands of the industrial base and the growing populations needs. Due to this rapid growth there are mounting challenges faced within the oil and gas sector that not only requires the acquisition of advanced technology, but also the solid operational experience to successfully incorporate it into the infrastructure and facilities.

Profundo Technologies Ltd has assembled a highly experienced group of professional, petroleum engineers and operations specialists with the specialized skills required within China at this time. Collaborating with our technology partner’s the team is committed to successfully completing challenging engineering and operations projects.

The combined team of Profundo Technologies and its technology partners have contributed to or managed projects at every major petroleum producing location in the world. Each of the technical specialists were staff members at major oil and gas operators and/or service companies for several years or even decades prior to joining the company. They are familiar with first hand knowledge of the unique conditions of the industry at remote or developing locations.
The average technical professional of the organization possesses is in excess of 20 years of actual oil and gas operations experience at production locations. The areas of expertise include the following; subsea engineering including deep water applications, sour gas operation and transmission, heavy oil production, multi-phase pipeline design, coal bed methane production and shale petroleum production.

The following statements summarize Profundo Technologies’ core operations model:

- To facilitate the transfer of advanced, world-class technology and operations expertise to the oil and gas sector within China.

- Always employ professional engineers and technicians with the right skills to manage technical and operations projects effectively ensuring a successful outcome.

- Form solid alliances with companies possessing specialized technologies and operations experience.

- To enthusiastically co-operate with, train and instruct the personnel of client companies.

- Ensure all activities comply with local regulations, are performed safely and completed to a level of international standards.

No matter the challenging location, project or market, our professionals will realize a successful outcome.
Christopher C. Bailey-President

Areas of Specialization:

- Petroleum production and transmission operations and project management
- Managing contractors including tendering and contract negotiation
- Leading technical support teams
- Facilities and specialized equipment commissioning
- Flow assurance – including deepwater operations
- Asset integrity management systems
- Pipeline hydro-testing, cleaning and maintenance
- Pipeline corrosion monitoring and inhibition
- Implementation of hydrogen sulfide management programs
- Production chemistry programs
- Gas and coal boiler operations and maintenance
- Crude oil and finished fuels transfers and sales

Condensed Project List:

- Nido Petroleum Philippines
  * Tindalo Field
- CNRI Gabon
  * Olowi Field
- ExxonMobil Angola
  * Kizomba Field Assets
- Chevron Angola
  * CABGOC (Câmbida)
- Petrobras Brazil
  * Perao Cangoa Gas Field
- Petrobras Brazil
  * Campos Basin – P31, P32 and P33
- Total Angola
  * Cobo Platform (Block 3)
- Sonangol Angola
  * Kiame Project
- Agip Congo
  * Zaichi and Kitina Field Developments
- Shell Gabon
  * Rabi Oilfield
- CNRI Angola
  * Kiame Project
- PetroSA South Africa
  * South Coast Gas (FO) Field
- Amerada Hess Corp. USVI
  * Hess Oil Virgin Island Refinery

Previous Employers:

- Nido Petroleum Ltd.
- CNRI International Ltd.
- Baker Hughes International Inc.
- Simon Engineering and Consulting Inc.

Education:

Queen’s University at Kingston, Ontario Canada:

- Bachelor of Science with Honours in Engineering Chemistry 1990
- Bachelor of Arts in Chemistry and Languages 1997
Zhong Wenhuan - Business Director

Areas of Specialization:

- Seaport cargo loading / discharging / stowage operations management.
- Ocean Shipping Agency business activities which includes organizing the following activities: vessel's entry/departure including port formalities, berthing, loading and discharging cargo operations, issuing the Bill of Leading (B/L) and releasing cargo on-behalf of Ship's Owner or Master.
- Acting as general agent for foreign ocean bulk carriers which included organizing the following activities at almost every port in China: vessel's entry/departure including port formalities, berthing, loading and discharging cargo operations, issuing the Bill of Lading (B/L) and releasing cargo on-behalf of Ship's Owner or Master.
- Acting as an operations broker for the chartering of bulk carriers.
- Acting as a chartering operator of bulk carriers including managing time chartering and voyage chartering.

Career Progression:

- Managing Director
  Seamountain Shipping company Ltd
- Vice General Manager
  Libao Shipping Company Ltd
- Mgr. of Business Development
  China Ocean Shipping Agency Shenzhen
- Chiwan Office Manager
  China Ocean Shipping Agency Shenzhen
- Manager of Shipping Dept.
  China Ocean Shipping Agency Shenzhen
- Operations Officer
  China Merchant Shekou Port

Education:

- Bachelor of Navigation, Jimei Navigation College, Xiamen, China 1984

Years of Experience: 27
Areas of Specialization:

- Offshore oilfield operations and project management
- On-site well engineering and operations supervision
- Design, installation and operation of subsea and onshore completion systems
- Design and integration of subsea and surface production systems
- Detailed operations and maintenance procedure preparation
- Design and commissioning of artificial lift systems
- Design and operations of deep water ESP lifting systems
- Design and integration of surface control systems and panels
- Coil tubing and well intervention operations
- Reviewing and selecting vendors and 3rd party suppliers
- On-site training of engineers and operations personnel

Condensed Project List:

- Statoil Brazil
  Peregrino Field
- Shell Oil Brazil
  Block BC10 Asset
- YPF Ecuador
  Ecuadorian Amazonia Concession
- Devon Brazil
  Caruna Field
- PDVSA Venezuela
  Lake Maracaibo Operations
- Santos Australia
  Carnarvon Basin
- ExxonMobil USA
  Sacate Field
- ExxonMobil Venezuela
  La Ceiba Field
- Petrobras Brazil
  Jubarte Field
- Petrotrin Trinidad
  Trinates Field
- First Africa Gabon
  EOV Offshore Asset
- Petrobras Brazil
  Sergepi Onshore Field

Previous Employers:

- FMC Technologies
- Weatherford International Ltd.
- Baker Hughes International Inc.
- Royal Logging Ltd.

Patents:

- Well Pump Capsule – US Patent 7,015,815
- ROV Retrievable Sea Floor Pump – US Patent 7,150,325

Papers and Presentations:

- Series Boosting Techniques Achieve 1,200 to 2,000 Horsepower Electric Submersible Pump Deployment, SPE ESP Roundtable, Houston, TX, 1998.
- PCP and ESPCP for Heavy Oil, IV Petrobras Workshop PCP and ESPCP, Bahia, Brazil, 08, 2002
- ESP - ESPCP Riser Completions for Heavy Oil, Deepwater, Well Testing,
- SPE ATW, Rio de Janeiro, Brazil, 2002
- Optimizing ESP Runlife in Harsh Environments Utilizing Improvements in Stage Coating Technology, ONGC Workshop, Mumbai, India, 2006 and also at SPE ATW, Búzios, Brazil, 2006
Janislene S. Ferreira - Engineering Manager

Areas of Specialization:
• Managing contractors for operational service
• Technical support for Electrical Submersible pumps (ESP) in also special project applications, like redundancy systems and subsea
• Project management for subsea ESP-gas lift applications
• Leading/training technical support teams on artificial lift (most gas lift and ESP)
• Marketing & business development training
• Tendering guidelines and contract negotiation
• Setting up a new company structure for the contracts, new business and new entity in Brazil
• Crude oil and gassy applications for well testing deepwater and production wells

Condensed Project List:
• Petrobras Brazil
  Sergipe-Alagoas Field (onshore)
• Petrobras Brazil
  Bahia Field (onshore)
• Petrobras Brazil
  Campos Basin Field (offshore)
• Petrobras Brazil
  RNCE fields (on-offshore)
• Petrobras Brazil
  Espirito Santo field (offshore deepwater)
• Shell Brazil
  DST Testing Block S4 (offshore deepwater)
• Encana Brazil
  DST ESPCP testing Campos Basin field (offshore)
• Devon Energy Brazil
  RNCE field (offshore)
• Cairn Energy Middle East
  Mangala Oil Field
• Conoco Philips China
  Bohai Bay
• Pemex- Mexico
  Cantarell and Cumalupzap (offshore)
• Pioneer- Alaska US
  Pioneer
• Chevron- Angola
  Cabinda field (offshore)

Previous Employers:
• WoodGroup - GE Oil & Gas
• Weatherford – Borets Weatherford

Education:
• Doctorate in Science Degree, Petroleum Engineering, August 2005 to August 2007. (Still in progress) University of Tulsa TU-Oklahoma – US
• Masters in Business Development in E&P for Petroleum Industry, March to December 2003 Brazilian Petroleum Institute (IBP) Rio de Janeiro – Brazil
• Masters in Science Degree, Civil Engineering, April 2001 Federal University of Rio de Janeiro COPPE/UFRJ, Rio de Janeiro - Brazil
• Bachelors Degree, Civil Engineering, December 1997 Federal University Fluminense UFF, Rio de Janeiro - Brazil
Andrew Lyon-Taylor-Corrosion Engineer

Areas of Specialization:

- Petroleum upstream and downstream operations and project management.
- Asset integrity management programs
- Onshore and sub sea pipeline design and construction management
- Risk analysis and preparation of QRA and RAM studies
- Analyzing corrosion and implementing inhibition programs
- Designing and overseeing cathodic protection systems
- Engineering review of sour petroleum production systems
- Material selection and qualifying suppliers
- Leading technical support groups

Condensed Project List:

- BP Azerbaijan
  Badami Field
- ENI – AGIP Kazakhstan
  Kashagan Development
- Cairn India
  Ravva Field
- Apache UK
  Forties Field
- Shtokman Development Russia
  Barents Sea
- Sonangol P&P
  Gimboa Field
- United Kingdom Oil Pipeline
  UK Multi product pipelines

Previous Employers:

- ENI – Agip
- Sonangol P&P
- Wood Group Integrity Management
- British Pipeline Agency Ltd.

Education:

- HNC Mechanical Engineering
- MSC Corrosion Engineering - University of Manchester

Professional Associations:

- Chartered Engineer (CEng) & Chartered Environmentalist (CEnv)
- European Engineer (Eur Ing)
- Fellow of the Institution of Mechanical Engineers (No: 80025889)
- Fellow of the Institute of Corrosion (No: 204359), London branch Chairman & Council member
- Member of NACE (No: 184569-01)
- Engineering Council registration: 532309 and FEANI registration: 31090
Shawn Berkram - Construction Management

Areas of Specialization:

• Petroleum related civil engineering and construction project management
• International surveying skills including L.I.D.A.R. hydrographic Surveying
• Managing cost budgets and ensuring schedules are achieved
• Quality control including selecting materials and approving suppliers
• Managing logistics and delivery of materials at international locations
• Analyzing constructability and construction engineering layouts
• Reviewing technical and engineering plans and auditing operations
• Resolving process and scheduling conflicts
• Co-coordinating and leading client communication concerning project status
• Managing international surveying teams field data acquisition/processing operations
• Geographic Information System (G.I.S.) setup and usage
• Ensuring HS&E documentation and activities are completed to international standards

Condensed Project List:

• Cenex Petro, USA
  Santa Rita Pipeline and Pumping Stations
• Scottsdale Arizona, USA
  City Water Pipeline and Pumping Stations
• Avondale Arizona, USA
  Highway design and construction
• Maricopa Arizona, USA
  Maricopa New River Dam construction
• Amerada Hess Oil, USVI
  Hess Oil Virgin Island Refinery Terminal
• State of Montana, USA
  Oil well locations survey
• Jazan City, Saudia Arabia
  Red Sea Floor Mapping project
• Australian Royal Navy, Australia
  Torres Strait Sea floor mapping

Previous Employers:

• Fugro Pelagos Inc.
• Entellus Inc.
• Entranco Engineers Ltd.

Education:

• Bachelor of Science with Honors in Construction, Montana State University, USA

Professional Associations:

• American Society of Civil Engineers
• CMMA – Construction Management Association of America
• ACE – Society of Coastal Engineers (USA)
• National Society of Professional Surveyors (USA)
Antony Suggitt—Flow Assurance Specialist

Areas of Specialization:

• Petroleum and petrochemical operations management and technical support.
• Upstream and downstream facilities commissioning and operations
• Multi-discipline technical support to offshore operations including deep water
• Heavy oil production and processing
• Onshore and sub sea pipeline operations and maintenance
• Asset Integrity Management programs
• Engineering review of sour petroleum production systems
• Equipment and materials failure analyses
• Material selection and qualifying suppliers
• Optimizing production chemistry including reformulating agents
• Supervising QC and R&D laboratories
• Leading technical support groups

Condensed Project List:

• Syncrude Canada
  Mildred Lake Mine’s Developments
• Energy
  MacKay River PSuncor project
• ExxonMobil Angola
  Kizombobil Chad
• ExxonMobil Chad
  Doba Basin Developments
• PDVSA Venezuela
  Lake Maracaibo operations
• Pemex Mexico
  Cantarell Field
• Pemex Mexico
  Ku-Maloob-Zaap Fields
• Petrotrin Trinidad
  Trintes Field
• BP Colombia
  Cusiana and Cupiagua Fields
• YPF Argentina
  Comodoro Rivadavia Operations
• Occidental Colombia
  Caño Limón Field
• Samotlorneftgaz Russia
  Samotlor West Siberia Field
• Surgutneftegaz Russia
  Lyantorskoye West Siberia Field

Previous Employers:

• Ondeo – Nalco Ltd.
• Baker Hughes International Inc.
• Imperial Chemical Industries (ICI) PLC
• Uniqema America Ltd.

Education:

• Masters of Science in Corrosion Engineering - Imperial College, UK
• HNC Mechanical Engineering – Teeside University, UK
• HNC Chemical Engineering – Sunderland University, UK
Core Business Objectives

The earliest record of petroleum production within China dates back to more than 2,000 years ago when gas wells were drilled for production purposes. The gas was transferred and combusted to heat evaporation vessels to produce salt. With this depth of history with respect to petroleum production we can be assured that China has mastered many areas of petroleum production, transmission, refining and the other downstream uses.

At the high rate of economic growth and increase in living standards observed over the last few decades within China, areas of petroleum production and distribution infrastructures continue to grow to meet the increasing energy demands of the resulting industrial base and the growing population’s needs.

Profundo Technologies has identified several areas within China’s petroleum sector that would benefit from the introduction of foreign technology and experience.
Core Business Objectives

These areas that were identified for the transfer of technology and operations expertise are listed below:

- Subsea, especially deep water, completions and production technologies
- Specialized well stimulation technologies
- Integrated Engineering, Procurement, Construction and Management Services (EPCM)
- Surface and subsea pipeline commissioning preparation and cleaning
- Sour gas production operations and materials selection
- Operations data management and risk assessment systems
- Asset Integrity Management Programs
- Quality management and control programs and procedures
- Alternative energy technologies with a low or beneficial impact on the environment
- Training of engineers and personnel in specialized areas.

Profundo Technologies has assembled a group of professional, foreign engineers and operational specialists with extensive international experience which when combined offers a depth of expertise in each of the areas listed above. Several of these engineers currently reside in China and are stationed at the Profundo Technologies Shekou office at Shenzhen PRC.

The three companies that Profundo Technologies represents the business development activities within China are:

- PHH Petroleum Consultants Ltd.
- Ammonite Corrosion Engineering Inc.

Do not hesitate to contact us to discuss your technology or oilfield service needs at any stage of the project development or operations. We will either utilize our current in-house capabilities, the resources of our technological partners or will source and develop the needs to resolve any challenges.
Company’s Services

- Engineering Services and Project Management
- International Technology Transfer
- Investment & Operation Analyses
- Training In Specialized Areas
Project Life Cycle – Scope of Services

Areas Of Specialization

Profundo Technologies Ltd. and Technology Partners
- Investment and Asset Allocation Analyses
- Engineering Design and Modification
- Construction and Commissioning
- Maintaining and Operating the Asset

Profundo Technologies Ltd.
- Asset Integrity data base management
- Analyze operations performance
- Maintenance assurance services
- Prepare debottlenecking studies
- Well stimulation operations
- Pipeline Cleaning operations
- Review of corrosion issues
- Optimization of production chemistry
- HSE incident investigation and reporting
- On-site personnel - engineering or operators

Profundo Technologies Ltd.
- PHK Petroleum Consultants Ltd.
- Ammonite Corrosion Engineering Inc.
- Dynamic Risk Assessment Systems Inc.

Engineering Design and Modification
- Transient process modelling
- Process and Instrumentation design
- Process modifications design review
- Specialized equipment supply and selection
- Material selection and testing
- Flow Assurance programs
- Integrated system hazard analysis
- Asset Integrity management strategy
- Production chemistry and laboratory needs
- Refined cost benefits analyses

Construction and Commissioning
- Build to operate project management
- Cost monitoring and scheduling
- Experienced personnel and teams
- Quality control and management
- Hydrotesting and leak testing
- Pipeline cleaning and preparation
- Emergency response planning
- Engineer and Operator Training
- Operations manual preparation

Profundo Technologies Ltd.

| Profundo Technologies Ltd. | ✔ | ✔ | ✔ | ✔ |
| PHK Petroleum Consultants Ltd. | ✔ | ✔ | ✔ | ✔ |
| Ammonite Corrosion Engineering Inc. | ✔ | ✔ | ✔ | ✔ |
Profundo Technologies Ltd. was established by a group of experienced, professional engineers and operations specialists possessing a depth of international petroleum experience to manage or contribute to challenging projects.

Our specialists are capable of managing a project at all stages of development from the design to the commissioning phases and afterwards.

Our skilled and dedicated multi-disciplined engineering group and operation's specialist possess experience within the following specialized areas:

- Design and commissioning of deep water completion and production systems
- Deepwater flow assurance strategies
- Designing and operation of sour gas facilities and pipeline transmission systems
- Selection of materials for corrosive environments
- Integrity and asset management programs
- Providing experienced field engineers, supervisors and technicians
- Tailored oilfield chemistry programs
- Emergency response planning
- Quality control and management Programs
- Procurement of equipment and materials

Profundo Technologies Ltd. has partnered with world class engineering and service providers to always deliver on-time, on-spec and within the budget.
A primary objective of the company is to effectively manage the entry and start-up of Chinese technology companies to external markets so they may effectively compete within the international oil and gas sector.

**Services provided by the company are:**

Collaborate to develop a comprehensive market entry strategy and prepare an in-depth feasibility study providing insight into the following areas:

- The potential market available for the company's services.
- The potential customers and the preferred geographic areas to operate.
- The key technical organizations to partner with at the international location (universities, technical institutes, etc.).
- The overall marketing and targeted sales strategy.
- A plan for the development of infrastructure requirements.
- An initial in-country personnel organization structure.
- The estimated cost to enter the market and development of a preliminary operating expense budget.
- Annualized projected profit and loss statements after operations commence.

Arrange for delegations from the company to visit the location to review aspects of the study and to meet with potential customers.

Develop the infrastructure necessary to successfully operate including — legal registration, offices and buildings, professional and administrative staffing, organize immigration visas, etc.

Provide an introduction and participate in initial meetings with technical organizations and customers.
Profundo Technologies Ltd's investment analysis team is composed of a group of multi-disciplined professional engineers and operations specialists possessing a great depth of operational, project management and commercial experience in the energy sector.

Staff members have managed activities at each stage of technically challenging projects from the preparation of the front end engineering study (FEED) onward to construction, commissioning and optimizing the operational performance of the asset.

Private investors and companies with resources are continually approached by financiers and legal advisors to invest in oil and gas developments or technology opportunities.

At Profundo Technologies we analyze the probability of the commercial success of the project with a unique approach, basing the analyses on actual operational experience. Our staff will analyze the opportunity and identify the operational challenges whether the project is in the concept phase, an operating asset or ongoing business activity that requires stimulation and revitalization. We focus on the following aspects of investment opportunities with direct economic impact on the potential investment are:

- Preparing and analyzing feasibility studies for developing assets with an emphasis on operational issues.
- Projecting and/or analyzing operational budgets.
- Projecting and/or analyzing lifting costs per barrel or equivalent for petroleum production operations.
- Assessing the performance of ongoing operations and recommending the direction forward.
- Determining the geopolitical specific risks of operating at international locations.
- Developing discrete business relationships between parties with consistent aligned goals and objectives.
- Summarizing the legal and regulatory considerations of operating at international locations.
- Advising of projected logistics and infrastructure requirements.
- Identifying unforeseen aspects of the investment which may affect capital and operating expenses.
Technical and Management Training

The staff of Profundo Technologies Ltd. possesses a wealth of practical technical and operational experience obtained while stationed at the world’s major oil and gas producing locations. This breadth of practical knowledge is incorporated into specialized programs which are customized for the client’s location and operating conditions.

Tailored training programs are developed for periods of duration as brief as 3 days such as the case for specialized technical training to those programs lasting several months which may be the case for more in-depth operational and management training.

Additionally each of the industry leading technology companies with which Profundo Technologies has partnered offer training related to their area of specialization.

Several of areas that Profundo Technologies and its partners offer specialized training are listed below:

- Greenfield assets well placement and production system modeling.
- Deepwater well planning, drilling and completions technologies.
- Design and development of artificial lift systems.
- Operations training for drilling rigs, production and AHT supply vessels.
- Materials selection and quality control training.
- Asset Integrity Management.
- Flow Assurance.
- Chemical management systems.
- Corrosion inhibition and prevention.
- Production analyses and optimization strategies.
- Operations management training at remote locations.

The training team at Profundo Technologies welcomes any queries to develop technical, operations or management training for a client. The team will first meet with representatives of the client company, agree on the objectives of the training and then co-operate to develop a program guaranteed to achieve those objectives.
Our Partners

- PHH Petroleum Consultants Ltd.
- Dynamic Risk Assessment Systems Inc.
- Ammonite Corrosion Engineering Inc.
PHH Petroleum Consultants Ltd.

PHH Petroleum Consultants Ltd. is an international petroleum consulting company located in Calgary, Alberta, Canada. PHH-PC has been providing a comprehensive range of expert oil and gas simulation and process engineering consulting services since 1977.

Since inception, the main focus of the company has been on optimizing large complex gas deliverability systems, gas storage systems and complex oil reservoirs. PHH-PC possesses the unique capability of developing dynamic simulation models of gas distribution based on utilization at industrial locations and urban areas to allow for advanced process engineering design of the deliverability system. More recently, PHH-PC has been modeling shale gas and coal bed methane type production systems.

Geological, geophysical, petrophysical, and pressure transient analysis services are also professionally available through PHH-PC or affiliated companies.

Simulation software development is another focus of the company and is provided through affiliate company PHH Engineering Ltd. Three main software packages (GASMOD, GCOMP, and PHS-SIM) are available for custom modification and licensing.

PHH-PC is recognized as a global industry leader in its areas of operations. The group has managed projects at international petroleum locations on every continent. Due to the consistent quality of service delivered the firm has an impressive group of long, term clients as listed on the following page.

PHH-PC offers training workshops on integrated gas reservoir/surface network modeling with GASMOD. The workshops are geared towards engineers and technologists with the responsibility for optimization of gas properties.

The workshops are designed to provide an introduction to integrated surface network/reservoir simulation and to train attendees on the use of GASMOD. Specifically, attendees will learn how to set up, calibrate, and optimize a gas property. Familiarity and experience with gas reservoir engineering concepts is desirable.
Asset Integrity Management Programs & Risk Assessment systems

Dynamic Risk Assessment Systems Inc.

Over the past decade, Dynamic Risk Assessment Systems Inc. has become the leading integrity management provider in North America, supplying 7 out of the top 10 energy companies with solutions that help them comply with regulators, optimize their asset based, and protect their investments.

Dynamic Risk possesses the in-house expertise in engineering, risk assessment, and data management to deliver the asset and integrity management solution for a broad base group of companies operating in the energy industry. Whether the client requires technical support during a regulatory audit or an engineering assessment on a system to demonstrate fitness-for-purpose, the integrity experts with over 150 years of operational and integrity management experience are positioned to support achieving the industry-specific compliance, optimization and asset protection goals.

Dynamic Risk’s core software solution has been developed to assist operators in meeting many of these integrity management objectives. Their Integrated Risk Assessment System (IRAS) is an industry-leading platform that meets the requirements for risk analysis, ILI management and overall integrity data management.

Dynamic Risk’s integrity experts collaborate with the client’s key personnel through the proven Integrity Management Partnership Process TM. Risk assessment requires a thorough understanding of the hazards and threat across the asset base. Whether the client is concerned about a facility site, a pipeline system that spans several provinces or regions, or disruption costs associated with outages on the gas distribution system, risk assessment is critical to the integrity management program.

Dynamic Risk Assessment Systems Inc.

From identifying the asset base, to leveraging the existing IT infrastructure, to providing long-term support for the IRAS users – they can help the facility operator improve their decisions, and their integrity management program.

Dynamic Risk is the only company to utilize both qualitative and quantitative risk analysis across all of the different types of assets in the energy supply chain. Not only does this provide an accurate snapshot of the health of an operator’s asset base, but it also provides them with the ability to make more effective decisions and design more focused maintenance programs that show results.

From wellhead to burner tip, Dynamic Risk’s integrity management solution gives you the knowledge and control to make more effective decisions for the entire client’s asset base. If the customer’s organization is preparing a front-end engineering design study, optimizing the asset’s performance, preparing for an audit, or intending to protect the investment in the asset, Dynamic Risk – the industry integrity management
Ammonite Corrosion Engineering Inc.

Ammonite Corrosion Engineering Inc. is an engineering company providing corrosion engineering, integrity management programs, evaluation of chemical treatment and applications, inspection procedures, inspectors, and materials selection advice to the energy industry.

Ammonite Corrosion Engineering Inc. and its subsidiary Cormetrics Ltd. have a wealth of technical experience in finding solutions to field corrosion problems and managing related project specific work activities. Ammonite Corrosion Engineering’s staff represents over 300 years of combined corrosion engineering experience in the oil and gas industry. The firm has experience in upstream, downstream, onshore and offshore petroleum facilities. Ammonite Corrosion Engineering Inc. has provided services to large number of the major and independent oil and gas companies operating within North America.

While their primary focus for the past five years has been the offshore and oil sands industries, they have continued to carry out a number of projects in all aspects of the oil and gas industry at international locations.

Please find below a summary of the services provided by Ammonite Corrosion Engineering:

- Consulting engineering in materials selection, corrosion prevention best practices, failure analyses, pipeline coating selection, corrosion inhibition program design, and corrosion monitoring design.
- Preparation of corrosion control manuals for oil and gas pipelines, processing facilities, upgraders and refineries.
- Preparation of engineering guidelines and standards for oil and gas field and plant operations, pressure equipment and pipeline design.

Ammonite Corrosion Engineering Inc.

- Design of corrosion monitoring and inspection programs.
- Recommendations on cost effectiveness of existing corrosion mitigation, inspection, and monitoring programs.
- Design and implementation of Integrity Management Programs, including facilitation of Risk Based Inspection (RBI) assessments, coordination of inspection data gathering and database population, and integration with Operation’s data.
- Training of field and office staff in materials selection and corrosion prevention best practices for oil and gas operations.

Ammonite Corrosion Engineering has designed corrosion monitoring programs and implemented databases to accurately trend, alert, and report process parameters. Ammonite Corrosion has recommended appropriate corrosion monitoring equipment and technology at sour petroleum producing facilities and to other locations with challenging process conditions.

In addition they provide an ongoing service to a number of clients in which they review the results of monthly corrosion monitoring programs. Depending on the work activity, field investigations may be required to provide for hands on inspection, data collection, sampling requirements or discussion with operations personnel.

The company focuses its resources to project completion while being able to draw on the combined technical expertise within our companies and list of expert associates. Ammonite Corrosion Engineering is able to provide clients with cost-effective programs and innovative solutions through the use of senior specialists and their team of energetic, multi-lingual junior and intermediate engineering staff.
Brochure Designer!

**Jingwei Zhong**

**University of Rochester**

Tel: +1(585) 705-8876

Email: josenzhong@gmail.com

UR-Mail: jzhong3@u.rochester.edu

Adress: 500 Joseph C. Wilson Blvd.

CPU Box 271262

Rochester, NY-14627
PROFUNDO TECHNOLOGIES LTD.

Seaview Plaza 8E,
18 Taizi Road,
Shekou, Shenzhen,
518067, PRC