

iicorr Newsletter August 2005

iicorr provides specialist integrity, inspection and corrosion consultancy and services

SGS awards iicorr ISO14001: 2004 Certification



iicorr are pleased to announce that we have achieved certification to the environmental standard ISO14001:2004. Believed to be the first in Aberdeen under this new standard, the scope of certification covers the office-based provision of risk based inspection, corrosion engineering, inspection and corrosion monitoring services and process and plant integrity services. **iicorr's** Business Operating System (BOSS) now includes certification to three standards,

ISO 9001:2000, ISO14001:2004 and ISO/IEC 17020. **iicorr** continue to improve the Business Operating System and are currently working towards OHSAS 18001. **iicorr's** objective is to create a climate of excellence not only in our products and/or services but also for our employees, persons effected by our activities and the environment. **iicorr** will manage our activities to minimise their effect on the environment. In this we are committed at all levels and within all functions of the organisation to continual improvement and we recognise that this will only be achieved through regular monitoring of our environmental performance against objectives regulated by a committed management system.

***iicorr's** commitment to Health & Safety*

iicorr has achieved a record achievement of 1 million hours without injury in the workplace. Initially launched at Offshore Europe in 2003, the company has maintained its record of health & safety with no incidents of injury among staff since 1994.

iicorr is regulated by the Health & Safety Executive – its mission is to protect people's health and safety by ensuring risks in the changing workplace are properly controlled. **iicorr's** achievement covers its worldwide offices from Aberdeen to Perth, Australia and includes office-based as well as offshore employees. Its staff numbers increased from 19 in 1994 to approximately 120 in 2005.

New Recruits at iicorr

iicorr is pleased to announce the appointment of Gary Connel as Chief Finance Officer in Aberdeen. The Aberdeen office also welcomes a number of new recruits including a Business Development Co-ordinator, Senior Corrosion Engineer and Well Services Engineer. **iicorr** also recently celebrated another engineer reaching Chartered engineer status; this brings **iicorr's** total of chartered engineers to over ten – a high number for the industry.



Gary Connel
Chief Finance Officer

The Australia office welcomed a new graduate engineer while the Baku and Kula Lumpur teams had a new integrity engineer and transition manager joining them.

Contract wins for iicorr

Apache China



iicorr has won its first Integrity job in China. Apache China has awarded **iicorr** a contract to perform RBI studies on the process plant and topsides structures of the Zhao Dong drilling and production platforms. First task in the work is a 1-2 week long data collection visit to Apache offices in Beijing. Thereafter **iicorr** will utilise our award winning Questar® RBI protocol to assess plant and structure risk of failure and develop optimized inspection programmes. Delivery of the RBI reports is scheduled for around July

2005.

Botas International Limited

iicorr, has secured a contract with Botas International Limited (BIL) and the remit covers pipelines, facilities, structures, ports and harbours throughout Turkey. The first part of this work will be undertaken within **iicorr's** Aberdeen base where risk based systems will be developed to ensure safe operations of the plant and equipment. Thereafter, **iicorr** will be responsible for implementing these across Turkey on behalf of BIL and will be supplementing its existing staff-base in Aberdeen and establishing a workforce in Turkey.

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BP contract extension



**Project Manager, Peter Falconer
with Roddy James, Business
Development Director**

BP has extended a major contract which will involve **iicorr's** team developing risk based Integrity documentation that will be implemented by operations personnel in Baku. **iicorr** has been involved with the BP Shah Deniz project since the beginning of the year, working with design, operation and fabrication teams throughout Europe, Singapore and more recently in Baku.

Joint contract awarded by BP

iicorr has been awarded a contract by BP to provide integrity services for all of the oil company's deepwater risers and flowlines in the Gulf of Mexico. The value of the contract is estimated at approximately \$3 million over two years.

iicorr, who partnered with 2H Offshore Engineering, has already started to develop analytical models for the riser systems and flowlines. Data is also being gathered to enable the preparation of integrity plans for BP's Horn Mountain, Holstein, Mad Dog, Marlin, Thunder Horse, Atlantis and Nakika assets. The work is being conducted primarily from 2H's Houston office in the USA with support from **iicorr's** Aberdeen Technical Centre in the UK.

Ports & Harbours

iicorr was contracted by Currie Brothers Ltd on behalf of Orkney Islands Council to provide a turnkey solution to the corrosion problems encountered on the new section of Longhope Pier, Isle of Hoy, Orkney. Although relatively new, the pier was experiencing signs of Accelerated Low Water Corrosion (ALWC) and in order to eradicate this, a Cathodic Protection (CP) system was designed for the pier. The system was installed over a period of seven days, causing no disruption to marine traffic

Roddy James, Operations Director, **iicorr**, said: "ALWC occurs in 90% of UK ports and it is unlikely that a new quay without a corrosion protection system would last beyond 20 years due to the high corrosion rates that occur. However, the good news is that only certain areas provide the right environment for the bacteria and these areas can be identified and treated by **iicorr**, keeping the entire asset safe while minimising costs.



Diver at Work

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iicorr Well Test Solids & Erosion Monitoring

iicorr's well test monitoring service goes from strength to strength with both new and repeat business. Contracts awarded in recent weeks include:

- Solids & erosion trending for 20 wells on a production platform in Malaysia for Petronas. iicorr will be instrumental in setting Maximum Sand Free Rates (MSFR) and /or Acceptable Sand Rates (ASR) that will ensure maximum safe production for the platform. This contract was won a result of a head to head trial between the iicorr inline system and the leading acoustic manufacturer.
- Monitoring of the cleanup of 5 wells for Talisman Energy in Malaysia.
- Re-signing of a Master Services Agreement with Petro-Canada to provide monitoring services during Well Test operations in Canada. This is an extension to the previous agreement that has seen iicorr provide invaluable data to Petro-Canada for a number of years
- Solids & Erosion trending on a production platform in Bangladesh for Cairn Energy. This contract follows from a previous award that had resulted in iicorr advising MSFR with recommendations for safe running of the wells with regard to sand and erosion production.
- iicorr have just completed solids and erosion monitoring during testing operations for Murphy Oil in Malaysia. Murphy personnel have intimated that they see monitoring of solids / erosion during test operations as key to future development of their wells, verification of sand control measures and as a means of addressing safety issues during testing, such as loss of containment issues. The service itself can be utilised during exploration, development, UBD, workover and production operations

iicorr provides a first class service with only the best products, this ensures we have a competitive edge that allows our clients make the best informed decisions. For further details please contact our Well Services Manager, Kevin Blair, at Kevin.Blair@iicorr.com

News from Australia

iicorr's Perth office is the company's centre of excellence for pipeline integrity activities and is part of a network of integrity management operations with offices around the world. A Pipeline Magazine recently reported on some ground breaking work with regard to analysing ILI (In Line Inspection or Intelligent Pigging) data.

Newly appointed General Manager, Steve Darwell explains: "The benefits to our clients is that we provide 'real' view of the integrity of their pipeline from ILI and verification data, and not what is effectively a meaningless report issued by the pigging contractor/other company doing the FFP on the data. This helps our clients make clear decisions on what parts of their pipeline require

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verification / repair / or which areas can be maintained as normal. If they made decisions prior to utilising our analysis they could potentially be wasting a lot of money by carrying out expensive repairs and maintenance on sections of their line, and not actually addressing the real problems in the pipeline. This also flows on to the safety benefit, and some of the lines we deal with run under housing estates, literally in people's back yard, and should they fail there could be disastrous consequences."

iicorr in the news



Donald Ballantyne in the local press

iicorr has appeared in local and trade press throughout 2005. Our Division Manager for inspection and corrosion services, Donald Ballantyne recently appeared in a local newspaper talking about his role at **iicorr**.

iicorr has also appeared in Roustabout and Platform for recent contract wins and the harbour work it has carried out.



For more information please contact Roddy James, Business Development Director, at our Aberdeen office. Tel: +44 (0)1224 898282 or email roddy.james@iicorr.com

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