



TO INTEGRITY ... AND BEYOND



WWW.ACET.CO.UK



this issue

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ACET Project Management
Latest Release Functionality
SAP Interface
ACET Work Flow Process

ACET Around the World

In the second quarter of 2009 a further 28 users were ACET trained with courses being run in the **Netherlands** and the **United Kingdom**. There are now a total of 913 trained ACET users in 23 different countries around the world.

Congratulations to Gaël Le Corre who has become the 900th trained ACET user. Gaël works as an Integrity Engineer with **TAQA Energy BV** in the Netherlands.

With the addition of **Petro-Canada in Syria**, ACET is now being used in 23 different countries around the world by 42 different sites with a total of 162 assets including Refineries, On and Offshore Installations, FPSO's and Chemical Plants.

ACET Version Details

The latest ACET release version is ACET version 5.1.550 from 31/07/2009.

The current development version is 5.1.554

To upgrade your version of ACET please contact ACET Support acet_support@oceanearing.com

Previous issues of the ACET newsletter can be viewed in the News Section of the ACET Website: www.acet.co.uk

Welcome to the July 2009 edition of the ACET newsletter.

The ACET Software system has been designed to form part of an integrated asset management approach through the storage, analysis and assessment of inspection and corrosion data within the global petrochemical industry.

ACET NEWS

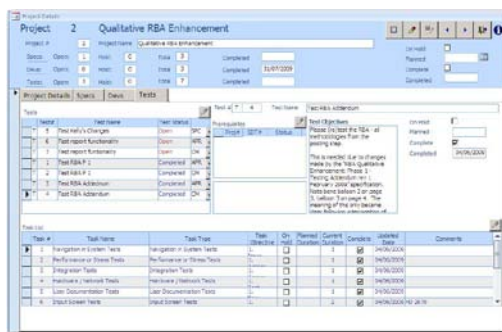
ACET ACCREDITATION

The ACET Department based in Aberdeen, Scotland retain a 100% record and pass their BVQI surveillance audit (**BS EN ISO 9001:2008 and the TickIT Guide**) in June 2009 with no incidents of non-conformance.

The scope of the ACET Department accreditation includes "the development, implementation and support of the ACET suite of products and supporting software for the management of corrosion and inspection in various industries worldwide" as certified by BVQI under certificate number 31246.

ACET PROJECT MANAGEMENT

As part of the ACET Department's drive for **Continuous Quality Improvement (CQI)** we have developed and implemented a Project Management Database (PMDB). Each individual work piece has a project raised within PMDB. All department work activities and tasks (including design, development and testing) are then linked to and progressed as a unique project. At all stages of the work process, the status and progress are visible and can easily be audited. The Project Number assigned within PMDB is also used to link with the department's other support tools: AIMS (Action Information Management System) and the web based Help Desk System. The next stage of this CQI process is to add our Client Implementation Tracking process.

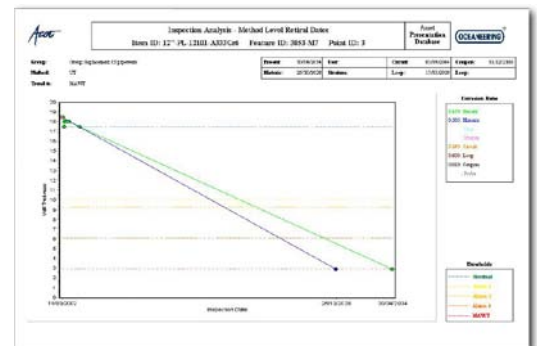


LATEST RELEASE FUNCTIONALITY

The **Inspection Analyses** module provides a graphical tool for illustrating corrosion rates, wall

thickness readings, retiral dates and remaining life values and replaces the Trending Module. The module includes several corrosion rates, including those generated by wall thickness inspection results and those entered manually: Present, Historic, User, Stratum, Circuit, Loop, Coupon and Probe.

Where a corrosion rate is available, the system can project the rate to the MAWT value to calculate a Retiral Date. The trending graph functions, in the Group Level Graphs and Method Trends, also allow the user to project available corrosion rates to the three Alarm level thresholds.



ACET WORKSHOPS

A series of workshops covering the Work Packs, Inspection Analyses, Dead Legs and Inspection Query / Repair Order functions have been presented to **Oceanearing's Inspection and Integrity Management (IIM) Group**. The latest release of the ACET User Guide (Version 2.1) incorporates these functional additions and enhancements.

NEW CLIENTS

In the 3 months since the April edition of the ACET News Letter the following client has implemented the ACET system:

Petro-Canada in Syria has purchased an ACET License for use on the Ebla gas project. When completed, the Ebla gas plant is expected to deliver 80 million cubic feet per day (mmcf/d) of natural gas to domestic markets, with first gas anticipated in 2010.

For more information on ACET and any of Oceanearing's services visit

www.oceanearing.com

To subscribe to the ACET News Letter please send your email address to ACET Support acet_support@oceanearing.com



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CLIENT UPDATES

In June an ACET representative visited the Netherlands where he trained TAQA personnel working in support of the onshore and offshore facilities in the Alkmaar region of North West Netherlands.

Petrobras in Brazil have recently passed a major audit performed by HRC - Hydrocarbon Risk Consultants. The following is an extract from the auditor's report:

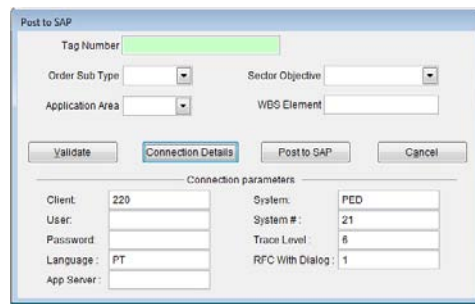
" PROGERAL has now been replaced by the new ACET software from "Oceaneering", a UK company; this is a proven advanced corrosion evaluation tool which includes retirement dates, graphical output for present and historical corrosion rates and alarms for preset minimum thickness levels. The ACET software has a data consistency check matrix built into the system that aids verification of the information. ACET has all the major design codes built in and allows scheduling of inspection and includes a qualitative API based Risk Based Inspection (RBI) tool. ACET is one of the best software tools that we have seen in our worldwide surveys."

The **BP** (UK) Risk Based Assessment methodology (NSSPU-GP-06-10-2) module in ACET has now been released to BP's ACET sites in the UK prior to being released to BP in Azerbaijan and Angola.

Nexen in the Yemen have extended their ACET Support and Maintenance Agreement until December 2011.

CLIENT DEVELOPMENTS

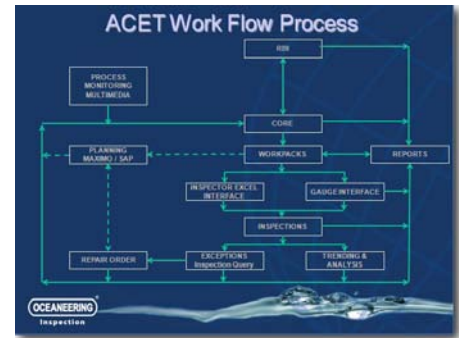
Petrobras in Brazil requested an interface to facilitate transfer of data from an ACET Repair Order (RO) to **SAP** in order to tie in with their maintenance system. This is accomplished by creating a connection to SAP from within the RO screen in ACET and sending specific data content to SAP via a Remote Function Call. Upon receipt of the data, a row is created in SAP and a ZR Note number is assigned which is then returned to ACET and stored in the Repair Order. Subsequent ACET updates can be posted to SAP to replace the previous ZR Note number in the RO.



ACET WORK FLOW PROCESS

The Risk Assessment outputs (inspection frequency, % of remaining life, inspection methods and techniques, inspection instructions, areas to focus

inspection, sampling size and mitigation requirements) are used to initiate the work flow process. Remaining life and Inspection Due Dates calculated within the Core Module feed into the Work Pack which is used to manage the Inspection Work Activity. The data and information gathered from Inspection is reviewed and analysed within the Inspection Analyses Module and the Inspection Query (Exceptions) Module. Repair Orders are generated and exported to the client's Maintenance Management & Planning System (SAP, Maximo, etc).



ACET HELP DESK

The ACET Help Desk system is a web based help/ticket system used in support of the ACET department suite of software products.

The Help Desk is available from the following web address: <http://acethelp.oceaneering.com>

To receive your ID and password please contact ACET Support: acet_support@oceaneering.com

Tel +44 (0) 1224 758500

OCEANEERING NEWS

HOIS Membership

Oceaneering are members of the HOIS 2000 industry group. This is a research and development joint industry project, managed by ESR for its members within the oil and gas industries. HOIS identifies inspection needs and seeks ideas for research and development that lead to products, techniques, recommendations or procedures that will benefit the HOIS 2000 members. It contains most of the world's major oil companies, as well as regulatory authorities and inspection service providers. HOIS has a reputation as one of the industry's prime forums for discussing inspection issues and developing and exploiting new or improved inspection technology. Membership of HOIS gives the Company access to the latest solutions to inspection problems suffered by the upstream Oil and Gas Industry. The Interactive Knowledge Base (IKB) allows searches for solutions to specific integrity related issues and Probability of Detection of a wide range of Inspection methods.

For further information on HOIS please contact Jim McNab, Global Technology Manager jmcnab@oceaneering.com

For further information on Oceaneering Operations please contact Martin Hockley, Marketing Manager: mhockley@oceaneering.com

Oceaneering is an advanced applied technology company that provides engineering services and hardware to customers who operate in marine, space, and other harsh environments.

For more information on ACET and any of Oceaneering's services visit

www.oceaneering.com

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