The Pipeline Protection, ‘Hot’ Topics and Marine Corrosion Conference

15 – 18 October, 2012: Edinburgh, UK

Key contributions from the various NATO Navies including the US Navy, US Department of Defense and the Shipping/Offshore Industry

Call for presentations

✓ Network with your peers and talk to the experts
✓ Learn others solutions to real case studies
✓ Achieve an insight in to future direction
✓ Discover the latest technological advances
✓ Gain a competitive advantage by benefiting from the experience of others
BHR Group and NACE Europe are delighted to present the most important event on the corrosion engineering calendar.

The event will consist of parallel sessions for Pipeline Protection, “HOT” Topics and Marine Corrosion.

**Marine Corrosion**
The value of corrosion engineering in the maritime industries cannot be overstated. In the extreme service conditions of the marine environments we can raise life expectancy and extend structural life beyond original design parameters. In order to do this, we need to align best business practice with today’s advanced corrosion engineering to make the best value decisions in infrastructure acquisition and life management. These principles apply equally to the military and civilian fleets, as well as offshore oil and gas and wind/wave energy industries. Presentations will be made to demonstrate how this is achieved.

**“HOT” Topics**
NACE International recognises the need for informative programming with some of the industry’s leaders in fireproofing, corrosion under insulation and high-temperature coatings. This forum will be dedicated to the coatings used in the protection of assets in high temperature, insulated and flammable conditions.

**Pipeline Protection**
BHR Group established the Pipeline Protection International Conference in 1975, this event marks the 19th in the series and is the most widely recognised Premier Technical Conference in the broad field of pipeline protection. This conference will be presented by BHR Group with NACE Europe Area to showcase latest technologies, materials and system innovations and provide detailed presentations of corrosion problems and the solutions developed in real case studies.

The premier technical conference

The conference provides the opportunity to meet and network and is a unique forum for presenting practical solutions and debating the future direction of the pipeline, marine and coatings industries.

The Conference will feature interactive, educational, informal and lively panel sessions along with discussion/debate forums led by industry experts.
Call for presentations

Deadline for all abstracts: 1 JUNE 2012

Offers of presentation; selection criteria and objectives

We've brought together leading figures from the world pipeline industry and both military navies and civilian maritime fleets together with offshore construction, wind/wave energy industries and many others, to share their experiences and concerns. The very latest philosophies, innovations in materials and technologies, reports on ongoing research programmes will be presented. Development of European and world standards as well as new inspection and validation regimes, all designed to give greater confidence in life cycle performance will be discussed.

In the naval field, the role of corrosion engineering in extending operational life cycle is critical and therefore its importance in terms of inclusion in capital investment calculation will be explained and emphasised.

All presentations will be peer reviewed; this review will take account of originality, relevance and likely interest to delegates. Practical and application papers are welcomed as are case histories, both good and bad, as much can be learned from these. Research papers must be clearly focused and are expected to include validation of the experimental element.

Pipeline Protection abstracts

Presentations and case studies are invited on current techniques and new developments under the following topics:

- Cathodic protection and barrier coatings
- Cathodic protection innovation
- Emerging technologies (CCS, nanotechnology, etc)
- Field joint coatings
- Insulation and flow assurance
- Integrity, inspectability and maintenance
- Internal drag reducing coatings
- LNG transportation
- Monitoring and mitigation of deterioration mechanisms: external; and internal corrosion, SCC, etc;
- Carbon Capture and Storage – CO₂ transportation
- Offshore and deep water applications
- Offshore coating developments
- Over-line corrosion surveys
- Pipeline integrity management
- Rehabilitation and repair In Line Inspection systems
- Surface preparation, external and internal coatings and linings
- Third party damage
- Water pipelines Insulation
- Pipe in Pipe

**PIPELINE PROTECTION**: Authors are invited to submit title and abstract within the scope of the Conference, to reach Ally Davies confx2@bhrroup.co.uk by **Friday 1 June**. The abstract must be relevant to the scope, and the title should briefly describe the content of the paper.
“HOT” Topics abstracts

Presentations and case studies are invited on current techniques and new developments under the following topics:

- Passive Fire Protection
  - Cementitious Fireproofing
  - Intumescent Fireproofing
- Corrosion Under Insulation
  - Testing Coating Systems for CUI Service
- Corrosion Under Passive Fire Protection
- High Temperature Coatings
- Passive Fire Protection of Vessels
- Thermal Insulation Coatings
- Thermal Spray Aluminum (TSA)
  - Offshore Applications for TSA
  - Specifying TSA

‘Hot’ Topics: Authors are invited to submit title and abstract within the scope of the Conference, to reach Robin Frye robin.frye@nace.org by Friday 1 June. The abstract must be relevant to the scope, and the title should briefly describe the content of the paper.

Marine Corrosion abstracts

Presentations and case studies are invited on current techniques and new developments under the following topics:

- Corrosion control of ships, structures and equipment exposed to marine environment
- All wet corrosion topics
- Mechanisms of metal corrosion and cracking
- Protection of offshore platforms, wind farms, tidal energy installations etc
- Indirect (hidden) costs of corrosion failure - breach of product containment
  - Impact on environment
  - cost of pollution remediation
  - loss of production
  - Increases in maintenance costs
  - litigation costs
- Cathodic protection
- Corrosion monitoring and fault identification
- Material standards and specifications

MARINE CORROSION: Authors are invited to submit title and abstract within the scope of the Conference, to reach Robin Frye robin.frye@nace.org by Friday 1 June. The abstract must be relevant to the scope, and the title should briefly describe the content of the paper.
Important – Authors please note

- Presentations must be original, unpublished, and not pending publication elsewhere.
- The author submits each presentation on the understanding that, if accepted, the author must attend the Conference to present and discuss with delegates. Each presenting author is entitled to 25% discount on the full Conference fee.
- Presentation at the Conference must be in English.
- Guidelines for the preparation of manuscripts will be supplied by BHR Group and NACE. Presentations conforming to these guidelines will, subject to final refereeing, be accepted for publication at the event.
- The copyright of accepted papers must be transferred to the Publisher. Authors who wish to retain copyright must notify the organisers when submitting their abstracts.

Authors who wish to present commercial material are invited to take an exhibition stand in addition to their technical presentation.

Bigging it up with full-scale demos!

In addition to the presentations, there will be full scale demonstrations of new technologies and materials employing the latest machines designed to clean heat and apply coatings on lay barges, in spool bases and onshore pipeline sites. If your Company is interested in this unique opportunity to demonstrate your product please contact Ally Davies confx2@bhrgroup.co.uk
Who should attend?

- End-users
- Pipeline operators
- Coating manufacturers, developers and distributors
- Contractors
- Consultants
- Designers
- Pipeline owners
- Coating specifiers
- Corrosion engineers
- Coating inspectors
- Coating applicators
- Researchers
- Cathodic protection technicians and technologists
- Pipeline Integrity managers
- Pipeline engineers
- Quality assurance and control inspectors
- Inspection companies
- Civil, mechanical, design, and process engineers

Gala dinner

The Gala dinner will be held at Sheraton Hotel, situated in the dramatic shadows of Edinburgh Castle. The evening will include a drinks reception, 3 course traditionally themed meal and after dinner entertainment. The stunning panoramic views of Edinburgh lit up at night will make this a real treat for our delegates. Delegates can enjoy this special occasion for free as it is kindly sponsored by our Platinum Sponsors. Additional tickets for partners/guests will be available.

http://www.sheratonedinburgh.co.uk/restaurants

Partners programme

A varied itinerary giving those travelling with delegates the opportunity to see more of this inspiring city and the surrounding area, as well as have free time to enjoy shopping or Edinburgh’s features of particular interest. For more details and to register your partner please contact Ally Davies confx2@bhrgroup.co.uk
Keynote address’

Oliver C. Moghissi, PhD
DNV Columbus, Inc.
Dublin, Ohio
NACE International Past President

Dr. Oliver C. Moghissi is director of the Materials & Corrosion Technology Center at DNV Columbus, Inc. He currently serves as past president of NACE International. Oliver's experience includes optimizing corrosion control programs, developing corrosion evaluation methods, and implementing corrosion technologies for life extension and regulatory compliance. An area of focus has been integrity management of petroleum production and transportation facilities. Oliver was previously employed by CC Technologies (a subsidiary of DNV), the Southwest Research Institute Center for Nuclear Waste Regulatory Analyses and ARCO Oil and Gas Company. Oliver has chaired a range of NACE technical and administrative committees, and he received the NACE International Presidential Achievement Award in 2003. He received a Ph.D. in Chemical Engineering from the University of Florida (with research on marine corrosion), and he received M.S. and B.A. degrees from the University of Virginia.

Mr Moghissi’s full biography can be found on the event webpages here

Dr. Mike O'Donoghue
Director of Engineering and Technical Service, Protective Coatings Canada

Dr. Mike O'Donoghue is the Director of Engineering and Technical Services for Devoe Coatings now part of International paint LLC. He has a Ph.D. in Inorganic Chemistry from the University of Surrey, England. Mike has 30 years experience in the protective coatings industry with Devoe and has authored over 50 research papers, articles and conference papers for chemical, marine and industrial publications.

Mike is a co-developer of an anti-slip coating system for structural steel and an internal secondary containment system for Above Ground Storage tanks. In 1998, 1999, 2004 and 2010 Mike was the recipient with his co-author Vijay Datta of SSPC’s Outstanding Publication Award in the Journal of Protective Coatings and Linings.

Dr. O'Donoghue is a member of the American Chemical Society, NACE International and SSPC.

The US Society for Protective Coatings (SSPC) has named Dr. Mike O'Donoghue as one of the protective coating industry’s top 25 leaders and thinkers of the past 25 years.

A whisky tasting experience will follow the Opening Keynote; this is a unique opportunity to network with your peers while sampling some of the finest local whiskies.
# The organising committee

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<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Company</th>
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<tbody>
<tr>
<td>Conference Chairman</td>
<td>Chris Fowler</td>
<td>NACE/EXOVA</td>
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<tr>
<td>Conference Vice Chairman</td>
<td>Derek Mortimore</td>
<td>BHR Group</td>
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<td>Strategic Representatives</td>
<td>Yolande Herbath</td>
<td>BHR Group</td>
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<td>Del Doyle</td>
<td>NACE</td>
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<td>Event Technical Representatives</td>
<td>Richard Galka</td>
<td>BHR Group</td>
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<td>Gerry McNulty</td>
<td>BHR Group</td>
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<td>Sponsorship and Exhibition</td>
<td>Ally Davies</td>
<td>BHR Group</td>
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<td>Robin Frye</td>
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<td>Jackie Hune</td>
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<td>Tracy Sargent</td>
<td>NACE</td>
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<td>Administration and logistics</td>
<td>Ally Davies</td>
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<td>Juan Ruiz</td>
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<td>Technical committee - NACE</td>
<td>Chris Fowler</td>
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<td>NACE Europe Area</td>
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<td>Technical Committee - BHR Group</td>
<td>Ken Lax</td>
<td>Corroconsult UK Ltd.</td>
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<td>Joe Duncan</td>
<td>JP Kenny</td>
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<td>Mikael Bræstrup</td>
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<td>Robin John</td>
<td>Berry Plastics Ltd.</td>
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Venue

Edinburgh International Conference Centre; a world-class venue in the heart of Scotland’s beautiful capital city

Situated at the heart of Scotland’s elegant and historic capital city, the EICC is one of the world’s outstanding venues for conferences, conventions and exhibitions. This purpose-built centre offers the very best in facilities and technology. If you were thinking of extending your stay and bringing your partner or family to Edinburgh there is masses to see and do. Edinburgh Castle dominates the city-centre skyline and from its ramparts you can look down on medieval lanes and elegant, sweeping terraces that hold over a thousand years of history, mystery and tradition. Yet you will also see a modern, dynamic capital where international festivals attract the world’s leading performers, galleries display cutting-edge art, and bars, restaurants and clubs create a lively, cosmopolitan atmosphere with a distinctly Scottish twist. For full details please visit www.visitscotland.com

Accommodation

The organisers have reserved special discounted rates at local hotels, walking distance from the EICC. These will be available on allocation for a limited amount of time prior to the event. Full details will be available in the registration brochure.

Roxburgh Hotel  £120 bed and breakfast
Hilton Edinburgh Grosvenor  £110 bed and breakfast
Sheraton (host hotel)  £195 bed and breakfast
Caledonian Hilton  £195 bed and breakfast

Exhibition / Trade Show

A large exhibition/trade show is planned alongside the conference, this is an opportunity to promote your company to the world’s leading industry figures at the most important event on the corrosion engineering calendar. Organisations wishing to participate as an exhibitor are advised to contact Tracy Sargent at tracy.sargent@nace.org

Exhibition stands will be limited and prospective exhibitors are strongly advised to register their interest with the organisers at the earliest opportunity.

Key contributions from the Various NATO navies including the US Navy, US Department of Defence and the Shipping/Offshore Industry. For read the full acquisition track click here
**Sponsorship packages**

Sponsors will play a significant role at this event; sponsorship provides the platform for increased recognition with the Conference and the community it serves. By becoming an event sponsor you will demonstrate your corporate image and reach an influential and exclusive audience within your industry.

Do you have a product or service to promote and would like to enhance your brand awareness? For details of how we can tailor a sponsor package to suit your needs, please contact the organisers.

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**Platinum: $7,500 / £4,700**

Includes sponsorship of the Conference dinner and drinks reception, 1 exhibition space, 3 delegate places, advertising in MP magazine (this ad is in addition to your advertising schedule with MP, not in place of), linked logos and visibility on all marketing and event material.

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**Gold: $4,500 / £2,820**

Includes sponsorship of the Welcome whisky tasting reception, 1 exhibition space, linked logos and visibility on all marketing and event material.

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**Silver: $3,000 / £1,880**

Includes sponsorship of refreshment breaks, linked logos and visibility on all marketing material.

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**Additional items for sponsorship on request;** i.e. Demonstration day on Wednesday – coaches, lunch etc., Lanyards, aisle signage, Tues/Thurs lunch breaks. If you would like to tailor a sponsorship to your own Company please let us know how we can help.

Please contact Tracy Sargent for the full breakdown of packages and costs tracy.sargent@nace.org

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**Enquiries**

**Ally Davies**  
*Senior Conference Organiser*

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**Robin M. Frye**  
*Senior Manager, Coatings Industry*

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*Photos courtesy of Bredero Shaw*
BHR Group and NACE European Area are delighted to present the most important event on the corrosion engineering calendar.