

SpillAlert

THE QUARTERLY NEWSLETTER ABOUT THE SPILL INDUSTRY

ISSUE 8 : JANUARY 2012



SPILL CONFERENCE AND EXHIBITION

13-15 MARCH 2012
EXCEL, LONDON, UK

INTERSPILL EDITION

The first Interspill Edition of SpillAlert,
with UKSpill hosting the 2012 Interspill
at ExCel in London for a second time.

INSIDE:
8 PAGE INTERSPILL
PREVIEW

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The views and opinions expressed by the authors and those providing comments are theirs alone, and do not necessarily reflect the views of UKSpill.

Welcome

This is the first Interspill edition of SpillAlert, with UKSpill hosting this year's event to be held at Excel in London, and taking a leading part in organising the event with its European partners. This edition is aimed at getting the message across about the scope of the event as part of promotion of UKSpill members.

BOSCA, the predecessor of UKSpill, working with its Norwegian and French sister organisations and with the Institute of Petroleum launched Interspill in 2000. It was a success, and repeated in France in 2002, and Norway in 2004 before returning to UK in 2006 at Excel co locating with Oceanlogy for the first time. The 2006 event was the first event to be held in series with IOSC in America and Spillcon in Australia, as part of a new triennial plan.

In 2007, the Interspill group expanded with Eurospill and a Dutch group, SRGH, joining alongside EMSA and IPIECA, and acquiring a permanent sponsor in the form of OSRL, who provided funding to allow Interspill to operate independently and go to Marseille, France, in 2009, coinciding with 10th anniversary of the Erika spill in Brittany.

For 2012, the Interspill group looked at other European destinations, including Istanbul, before deciding to return to London, to co locate again with Oceanology at Excel in Docklands. UKSpill will again host the event, with Glyn Humphries, chairman of UKSpill, appointed chairman of Interspill 2012.

This brief history of the event has to be taken in the context of the history of spill, where since 2000, tanker spills have fallen to very low levels. Most marine spills now involve a variety of types of ships with smaller, primarily bunker spills. The last major spill, the Prestige in 2002 off the Spanish coast, has been followed by two significant offshore spills, Montara in the Timor Sea and most recently the Deepwater Horizon incident.

As the world of spills changes, so must the scope of the trade associations, and the events they organise. As a result of Prestige, EMSA was formed and in 2007 became a partner in Interspill. After Deepwater Horizon, and with a recognition of the risk from deep water drilling, UKSpill is forging ahead with a partnership with Oil & Gas UK, setting up a Work Group, led by Glyn Humphries, of UKSpill, to utilise its accreditation scheme to provide for escalation of resources to respond in the event of an incident, the Accredited Responder Management System (ARMS).

So this issue is about how Interspill is involved with our members, our partners and supporters. It is significant that in researching those people who attended Interspill in 2009, over 70% stated that a primary reason for attending was to network with colleagues. Who knows how much that extra familiarity with a colleague from another organisation may help at a critical moment, but to have any sort of advantage from that simple action is a very good reason to justify Interspill in a major emergency.

Guest Editorial

Matthew Sommerville on Technical Advisers - why...

My first experiences with discharge of oil to the sea were in 1983 as a marine engineer officer in the Royal Fleet Auxiliary.

I was not, it must be said, at the time influenced or concerned with saving the planet, minimizing the amount we discharged or who it might effect. My focus was on the knowledge that I had to ensure the tanks and sumps were emptied and that the oily water mixture had passed through the IMO required

oily-water separator without triggering the associated alarm. Neither was I troubled by the knowledge that as we practiced emergency break away drills with the warships we were refueling that some oil was lost. To some this will appear to be a strange foundation for someone who went on to a career in the spill response industry. The reality is that the spills are not the greatest risk to mankind when in the midst of a multinational fleet of armed ships practicing for war.

The real foundation of my knowledge in spill response was gained when in 1988 I joined Warren Spring Laboratory (Later to be

privatised as part of AEA Technology). Within days I was involved in my first offshore spill incident, the Piper Alpha. My role and the oil spill were in reality only a small part of the tragic incident and, as I had seen previously, the oil spill was not the disaster, devastating to the environment or a prelude to any species extinction. Warren Spring Laboratory was tasked to conduct laboratory and pilot scale experiments and, where required, validate these in large scale deliberate releases of oil and chemicals at sea and on beaches. The knowledge gained working with colleagues such as Dr Douglas Cormack, Kevin Colcomb,

Dick Thomas, Tim Lunel, Nick Bailey and institutions and experts from CEDRE, Environment Canada, NOAA, OHMSET, EPA, SINTEF, MSRC and the like provided a sound foundation and, in their reports, the core of my personnel reference library. We were, however, also encouraged to look back through the archives at past studies and incidents and to draw lessons from the reality of what had happened. This ensured imagination and belief was replaced by reality, facts and data on what had and could actually be achieved and what could not.

The studies and reports of WSL and other institutions are responsible for much of the technology and knowledge of the behavior and fate, detection, modeling, dispersion, containment and recovery of oil and chemicals on which we should base our decisions. They should therefore logically be the basis on which people are trained, but how many people have spent time in a library or reviewed for themselves the issues of dispersant at the Torry Canyon or Amoco Cadiz or is knowledge of the past reality limited to a few slides in a training course.

Ultimately, from my point of view, no matter how good or big the experiments, I wanted real spill experience and fortunately found myself

at incidents representing the UK government working with the salvors, response companies, advisors such as ITOPF and NGOs around the globe. Later still I moved into the response part of our industry working at Briggs, Seacor and OSRL in a diverse number of countries, incidents and from sea and shoreline to pipeline and mountain tops. Here I found myself alongside people such as John McMurtrie, Bob McWhinnie, Bill Boyle, Mark Francis, Steve Guy, Dave Salt, Dave Oland, George Ross and many more who had an additional type of knowledge of past reality. That included not only how to make the response equipment work, but also the realities that decision making is often disconnected from what can or should be achieved on the ground. All too often one was presented with contingency plans and command structures which were based around the headquarters directing downwards, while feedback and input from the boat of the beach was to be controlled, managed and filtered.

Past experience has shown that a one week training course or introduction to ICS, while better than nothing, cannot instill sufficient knowledge to create an incident commander. Similarly no book has been

written on the Sea Empress that tells you the value of traffic lights, playing cricket or not selecting the lowest priced supplier of sandwiches but Stuart Gair, Zal Rustom and Bruce Pillar knew what they were and the differences they made to cleanup operations.

In the next few months the international spill industry will be gathering at Interspill 2012 and much discussion will inevitably be on recent incidents such as Montara, Macondo, MSC Chitra, Rena, Genmar Companion or the Bongo FPSO. Working as I do now at the International Oil Pollution Compensation Funds where victims and compensation are our focus, we depend on those now involved to have gained knowledge of the past, having recognised the reality of what can and cannot be achieved and to have used that knowledge to prepare for future incidents rather than those which have passed.

My hope therefore for 2012 is that those attending Interspill will come prepared to ask difficult questions, to give honest answers on what went well and what went wrong and to focus on developing the next generation for the next incident not the last.

Matthew Sommerville IOPC Technical Adviser

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The main feature:

interspill 2012

THE EUROPEAN SPILL EXHIBITION & CONFERENCE

This multifaceted event will bring together experts and leaders of the spill industry to share ideas and debate issues of the moment.

During this 3-day event, visitors will have the chance to access the international exhibition, free to attend, as well as benefit from a conference programme and educational sessions that will cover all the developments and best practices in the spill industry.

Exhibition: Over 90 exhibitors from around the world will showcase state-of-the-art equipment and services to prevent and act on oil spillage

Conference: in a time when oil spill has covered the world's headlines, sharing of best practices and knowledge is a priority for anyone involved in this industry. The conference at Interspill will address all major themes and challenges.

NOSCA, BOSCA & SYCOPOL - NAMES TO CONJURE WITH...

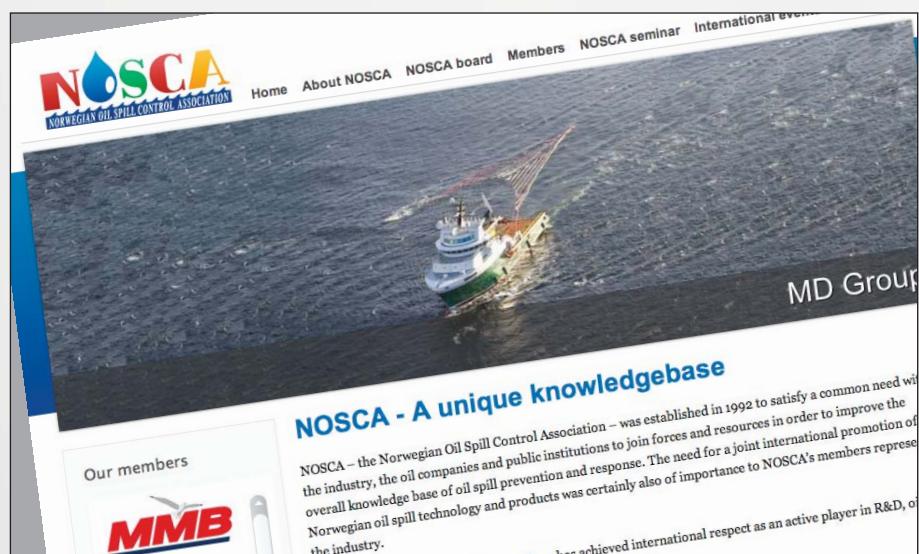
NOSCA, BOSCA, SYCOPOL, the original founding partners of Interspill. BOSCA became UK Spill Association in 2004. In 2007, the Dutch oil spill association SRGH, and Eurospill, a new association set up to cover those countries outside the original trade associations became Interspill partners when the group enlarged, and were joined by IPIECA and EMSA as signatories. SRGH withdrew from Interspill in 2011.

NOSCA - A unique knowledgebase

NOSCA – the Norwegian Oil Spill Control Association – was established in 1992 to satisfy a common need within the Norwegian spill industry, the oil companies and public institutions to join forces and resources in order to improve the overall knowledge base of oil spill prevention and response. The need for a joint international promotion of the Norwegian oil spill technology and products was certainly also of importance to NOSCA's members representing the industry. NOSCA with its nearly 30 active members has achieved international respect as an active player in R&D, oil spill prevention and response.

NOSCA is one of the three founding organizations of INTERSPILL in Europe and we also support and contribute to the successes of IOSC in the USA and SPILLCON in Australia.

www.nosca.no



SYCOPOL

SYCOPOL is a French organisation comprising equipment manufacturers and service providers engaged in pollution control, a group of companies involved with the control of water and ground pollution at an international level.

SYCOPOL FRANCE brings together:

- **equipment manufacturers**
- **chemical producers**
- **service suppliers**

www.sycopol.org



UKSpill - the voice of the UK spill industry

The UK Spill Association (UKSpill)

represents companies, organisations and individuals working in the oil spill industry in the UK and is recognised by the UK Environmental and Maritime Regulators as the national industry body for the commercial and related interests of the industry. Currently, UKSpill has over 120 members, with the majority accredited by UKSpill as Responders.

UKSpill as with NOSCA and SYCOPOL, continue to lead and support Interspill as a mechanism for promoting their membership in a global marketplace.

www.ukspill.org



The screenshot shows the UKSpill website. At the top, it says "UKSpill ASSOCIATION The voice of the UK spill industry". Below that, there is a banner for "interspill LONDON 2012 SPILL CONFERENCE & EXHIBITION". The main content area features a green box with "Do you have an oil spill?", a yellow box with "UKSpill - the voice of the UK spill industry", and a red box for "SpillAlert". To the right, there is a sidebar with "About Our Sponsors" and logos for various companies like GYLES FENNER, CSG, INDUSTRIAL APPARATUS CONSULTANTS LIMITED, LAMOR, RAW, and AIA. The footer has a "PREPAREDNESS - PREVENTION - RESTORATION" banner.

IPIECA

Three major oil spill conferences have emerged in recent years: Interspill, the International Oil Spill Conference (IOSC) and Spillcon.

The conference organising committees have now coordinated their events and moved to establish a three year cycle with an annual rotation between Europe, the Americas, and Australasia. IPIECA is the only organisation involved in the organisation of all three conferences and as such has adopted a leadership role in coordinating the three year cycle. IPIECA's involvement in the conference planning helps to ensure consistent industry messages are delivered across the global arena.

The IPIECA Oil Spill Working Group aims to improve oil spill preparedness and response around the world by:

- Enabling members to exchange information and best practices
- Supporting industry and government co-operation at all levels
- Encouraging ratification and implementation of relevant international conventions
- Promoting the principle of 'Net Environmental Benefit Analysis' and the 'Tiered Response' approach to designing response strategies
- Developing and communicating the industry's views and activities to external audiences
- The OSWG is currently working on:
 - The Global Initiative
 - Oil spill report series
 - Response in the Arctic



www.ipieca.org

EMSA

The European Maritime Safety Agency (EMSA) is a specialised Agency of the European Community created in 2002 to support the EU Member States and the European Commission with technical and scientific advice in the field of maritime safety, prevention and response to marine pollution by ships. Initially, EMSA focused its activities in the field of pollution preparedness, detection and response on oil pollution, with actions in the field of chemical pollution being phased in gradually, parallel to the Agency's growth.

The Agency has been tasked to provide additional support to "top-up" the capacities of Member States with regard to ship-sourced (Oil, and Hazardous and Noxious Substances (HNS)) marine pollution. Activities are implemented through three themes:
1) Operational support,
2) Cooperation and Coordination, and
3) Information.

Recognising the importance of sharing spill response experience and disseminating best practice, EMSA continues to support the major marine pollution conference and exhibition event in Europe, namely INTERSPILL. The Interspill Conference 2012 is a key international platform for discussing and sharing experiences on how to prevent and respond to oil spills and will focus on the delivery and exchange of practical and real-life information and dialogue. In addition, the Interspill Exhibition will showcase the very latest products and services from the oil spill prevention and response, pollution control, specialised vessels and equipment, waste disposal and land remediation.

EMSA is a member of the event's Steering Committee together with the main European Oil Spill industry trade associations (NOSCA, UKSpill, SYCOPOL, SRGH) and the International Petroleum Industry Environmental Conservation



Association (IPIECA). Through a Memorandum of Understanding, the Steering Committee members have agreed to organise the conference and exhibition on a "not for profit" basis. The Agency continued its active role in the Conference Programme Committee with the aim of promoting EU and EFTA Member States' issues and representation at the event. In 2012, EMSA will again participate in the INTERSPILL conference in London, United Kingdom by providing information on the Agencies' activities at its conference stand and EMSA staff will also present two papers.

www.emsa.europa.eu

The main feature:



A view from OSRL (Oil Spill Response Ltd) permanent sponsor of Interspill

Oil Spill Response Limited [OSRL] provided support to Maritime New Zealand (MNZ) in the response to what was dubbed as the country's "worst maritime environmental disaster". Our responders were demobilised on 20 October, after more than six weeks of involvement.

At Oil Spill Response Limited (OSRL), our involvement with Interspill began even before the first event held in Brighton, UK in 2000.

In the intervening years, OSRL has played a major part in planning and supporting each Interspill conference, (Brest 2002, Trondheim 2004, London 2006, Marseilles 2009, and now London again in 2012). Over the years we have provided programme co-ordinators to the organising committees, session chairs and speakers with numerous OSRL delegates attending the exhibitions and conferences and short courses.

Our commitment to help Interspill promote itself as a leading industry event is confirmed through our enduring sponsorship of this Triennial Conference Series event using

industry funds to support and improve the event conference on conference. Interspill is rightly recognised as a landmark gathering of prominent stakeholders in the wider spill response community that are looking to co-operate actively in improving oil spill preparedness and response.

This year's event in London, has a refreshed and reformatted programme with a focus on workshops and seminars which collectively provide a forum for learning and exchange between industry representatives, oil spill specialists, regulators, governmental representatives, equipment manufacturers, academia and other interested parties. For OSRL, Interspill provides the opportunity to interact with the industry stakeholders in an engaging environment, and allows for our Members to meet up with our management and staff to talk about the year's activities and issues of mutual concern. Our participation in



this year's event, including chairing of the conference programme, technical paper presentations and an exhibition stand, presents us with a platform to communicate extensively within the wider response community and give information about our work in the UK and abroad, including our developments in technical standards, training competencies and operational activities. Importantly, the event enables us to showcase our experience and expertise, whilst ensuring that we are up-to-date with current issues and technical developments and remain at the forefront of the oil spill response industry.

Dave Salt, Technical Director, OSRL
www.oilspillresponse.com

The main feature:

FASTANK® THE BEGINNINGS OF AN INTERSPILL PHENOMENON*

by Seamus Connolly M.B.E. - Managing Director, Fast Engineering Ltd

Working on the design of the FASTANK in 1979 little did I think that today I would have so many friends in the oil spill response sector. Back then the only market I perceived was in the aid/relief industry and that's where we still do a lot of work which is good for the soul.

It was only after winning the Mobil Design Award in 1982 that an article appeared in the Financial Times. The astute Ray Beynon, then manager of BP's oil spill base in Southampton, approached me for further details of the FASTANK. He thought the Base could use the tank as a temporary emergency storage facility at oil spills. After some communications with Ray we received our first order from the OSR industry. I remember the excitement, an order from the giant BP - Wooo!! However there was a qualification, in that they would send a quality inspector to the factory. This was pretty frightening for my humble operation. Back then there was me, my secretary, two production staff and the dog. It was a lean start up situation with my entire savings and family home in hock to the bank. We were cutting fabric on the factory floor with only the most basic of equipment. The inspector duly arrived and somehow we managed to impress him. More importantly the BP Base proved to be a great "shop window" for the tank. Many responders have been trained there in the use of FASTANK. These trainees then carried the knowledge of the innovation around the world which has led to many International sales.

Since then the tank has morphed through many improvements, always with the end-user at the forefront of our design thoughts. This year will see more of these improvements as we reduce weight and simultaneously increase strength by replicating technology from the aircraft industry. The 2012 FASTANK will be 4 Kilograms (8%) lighter with a new packaged weight of 60 Kg., yet structurally stronger with the use of new composite materials.



The past 32 years have been a fabulous journey – challenging, creative and stimulating. But what stand out are the fantastic people with "can do" attitude that I have met in the OSR industry.

They say you have to be lucky to succeed in business – perhaps my lucky break was that article in the FT.

www.fastank.com

* Editors Note: Seamus Connolly and Fastank became a feature of the earliest Interspill events with their post event hospitality (including duty free benefits) setting social networking standards for others to follow!

IOPC FUNDS WHY WE SUPPORT INTERSPILL

The International Oil Pollution Compensation Funds (IOPC Funds) is an intergovernmental organisation tasked with managing three separate Funds, which provide compensation to victims for oil pollution damage resulting from spills of persistent oil from tankers.

The 1971 Fund (which is no longer in force and deals only with past incidents) and the current 1992 Fund and Supplementary Fund Protocol were developed by the International Maritime Organization (IMO) and provide additional layers of compensation beyond that provided by the shipowner and his insurers under the Civil Liability Convention.

While compensation for losses is a necessary safeguard, the prevention, effective response and application of best practice are key to preventing or limiting the losses incurred. The IOPC Funds therefore support and assist wherever appropriate in the sharing of information and communication between all interested parties.

As an official supporter of Interspill 2012, the Organisation is represented on the steering committee for the conference and exhibition and is coordinating the short courses on claims and compensation to be run on 12 March 2012. It is hoped that the IOPC Funds' presence, presentations and exhibition stand will provide an opportunity and forum for industry, governments and interested individuals to exchange information, keep one another updated on the latest



developments in oil spill response technology and legislation and particularly, for our part, the opportunity to discuss the international liability and compensation regime and claims management issues.

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Summary event programme

13-15 March 2012 - ExCel, London, UK

Interspill Exhibition 13-15 March 2012

Over 90 exhibitors, 100% sold out
MORE SPACE BEING ADDED – BOOK NOW

Interspill Conference 13-15 March 2012

DELEGATE REGISTRATION NOW OPEN – BOOK NOW

Opening Plenary Session

- Introduced by Glyn Humphries, Chairman of Interspill 2012, with keynote speaker, Sir Alan Massey, Chief Executive of the UK Maritime & Coastguard Agency

Main Conference Sessions

- **Oil Spill response Policy** – Forty years of tanker oil spills, analysis by ITOPF. Global Spill Preparedness and Response standards, Practices and Capabilities, post Macondo, from BP. IOPC on current IOPC Fund issues, IMO on current IMO issues. The Bunker Convention: Issue with Limits
- **Dispersant: Developments in Regulation** – Views from the USA (EPA), UK (MMO), France (CEDRE) and Norway (Sintef)
- **Cold Climate Issues** - The Arctic Joint Industry Project, from Shell. The Norwegian Coastal Administration on lessons learned from the Godafoss spill. Dispersant Effectiveness, testing of crude oils weathered under various ice conditions, from Sintef
- **Regional Preparedness** – Developments in the Black Sea from OSPRI, GIRG 19: is Asia ready, by OSRL. The Atlantic Region's Coastal Response from ARCOPEL. Preparedness Planning in remote East Africa from Statoil

- **Modelling & Risk Analysis** – A Tanker industry view on Risk, from Intertanko. A Planning and Assessment tool, from ARPEL. Environmental Risk from shipping on the Norwegian coast, by DNV. Existing modelling for Trajectory & Fate in ice infested waters
- **Impact & Restoration** – What is a reasonable oiled wild life response, by Sea Alarm. Potentially polluting wrecks, by NOAA and International Bird Rescue. Wildlife response during OLIVA incident, from SANCCOB. Impact of Pollution on tourism
- **Monitoring & Remote Sensing** – European Satellite & Aerial Surveillance & Detection, New Developments in Aerial detection, The Premiam Project
- **Technology development** – Hosting the X Prize oil clean up challenge, by OHMSETT. Norwegian oil spill response technology development, by NOFO. Alternative Response Technologies: progressing learning into R&D Programmes, from BP. Designing a submerged oil recovery system, by USCG
- **HNS Response** – A Tool for Impact Assessment of Chemicals on Marine organisms, by CEDRE. Are MSDS relevant in case of chemical spills at sea, from EMSA. ARCOPEL on HNS. Containership incidents, by ITOPF
- **Response Operations** - Is spill response more about luck and timing than preparedness, by OSRL. In situ burning – coming of age: transition from Alternative technology to conventional option, from BP. Shoreline protection on sandy shorelines and tidal inlets, by OCC/Polaris/Boston University
- **Training** – NCP & IMO Workshops, from Polaris. Exercise Sula, by Petrofac. Maximising value from Training Exercises, by Alaskan Government. Monitoring Exercises, by Shell

Delegate registration is now open - visit interspill2012.com to book your place

- **Response Logistics** – International Offers of Assistance, a view from USCG. Response Logistics Case studies, GULSER ANA and mv OLIVA, from ITOPF. Incorporating Green Alternatives into Emergency Response Waste Management Programs, by BP
- **Communications and Social Media** - An Oil Industry view on Crisis Communication, from Shell. Integrating Real time crisis with Risk Communications, from SeaConsulting. Deepwater Horizon, a communication review, by Perry & Panton

Offshore Forum 14 March 2012

- **Offshore Forum panel** – The regulators view, with international speakers from the EU, UK, NOAA and HSE
- **UK regime** - Offshore Industry Compensation Regime, from OPOL. UK Response Readiness, from Oil and Gas UK. Changes in the UKCS Regulatory Regime post Macondo, from DECC
- **Technical Issues, Plans & Progress** - GIRG – Oil Spill response developments, by IPIECA. Approval process to support subsea dispersant use, from CEFAS. Oil Spill Response issues, by API. Capping and Containment developments, from the Subsea Well Response Project

Science Workshop 13-14 March

CEDRE led and organised workshops on the exhibition floor, subjects include:

- Oil Weathering, Understanding Chemicals
- Oil spill drift modelling, Spill detection/tracking
- Spill management systems

Spill Industry Seminar 14-15 March

Industry led seminar on the exhibition floor

The spill industry to present the latest technologies and services from exhibitors including:

- Dispersant spraying systems
- Winning the X Challenge
- Satellite and airborne monitoring
- Remote Sensing
- Mechanical oil recovery and collection devices
- Chemical spill control

Short Courses, Monday 12 March

BOOK WHEN YOU REGISTER

Education & Training courses over half day and full day from key organisations and agencies including IMO, IOPC, OSR, ITOPF, Sintef, and leading consultants

- HNS Response (IMO)
- Compensation (IOPC, ITOPF)
- Dispersants (Lewis)
- Oil Spill Response (ITOPF, OSRL)
- Cold Climate Response (Sintef)
- Oiled Wild Life Response (Sea Alarm & IBR)
- Media & Communication (Perry & Panton)

Social Events

- Pub night, Fish & Chip supper at the Fox on Tuesday 13 March
- Lunch time lectures/debates on the Exhibition Floor on 13-14 March

Delegate registration is now open - visit interspill2012.com to book your place

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The voice of the UK spill industry

 oceanology
international
2012
13-15 MARCH 2012, LONDON, EXCEL

www.interspill2012.com

In the News

INTERNATIONAL: DEEPWATER HORIZON – POSTSCRIPTS

Elastec American Marine to Introduce Revolutionary Grooved Disc Skimmers at Interspill 2012

When Elastec American Marine entered the Wendy Schmidt Oil Cleanup X CHALLENGE last year, we had serious doubts as to whether the contest criteria could be reached. The bar was set very high at an Oil Recovery Rate (ORR) of 568 cu.m per hour (2,500 gallons per minute) with an Oil Recovery Efficiency (ORE) of 70%. The previous highest recorded recovery rate at the Ohmsett testing facility in Leonardo, NJ, USA was 250 cu.m per hour (1100 GPM).

As we developed our Wendy Schmidt Oil Cleanup X CHALLENGE skimmer prototype, our skepticism surrendered to optimism. Our patented grooved disc technology established Elastec American Marine as one of ten esteemed finalists from around the world. But the real 'moment of proof' was when Team Elastec brought home the \$1 million dollar first place prize to Carmi, Illinois, USA. In the

words of title sponsor Wendy Schmidt, we "blew the competition out of the water," with an ORR of 1,061 cubic meters per hour (4,670 GPM) and an ORE of 89.5%.

Surfing the wave of excitement and global media attention from the Wendy Schmidt Oil Cleanup X CHALLENGE win was an honor and a thrill, but now a new challenge has begun – to bring this new technology to the real world.

Our Elastec American Marine engineering team and marine architect partner, Glosen Associates, wasted no time in developing a new line of high-volume skimmers that will be unveiled in March at Interspill 2012 in London, UK.

Two scalable systems, the Sea Serpent and the Sea Scavenger, incorporate our award-winning, patented grooved disc



technology for offshore and nearshore operations, respectively. The advancing skimmers are outfitted with adjustable wave dampeners and can be towed up to three knots. The oil-to-water ratio of 90% is easily calibrated with our multi-variable, equalizing transfer and stabilizer system.

We selected Interspill 2012 to introduce Elastec American Marine's revolutionary new line of high-volume, champion skimmers because it is the oil spill conference in Europe, and Interspill is highly regarded internationally in our industry. The Conference theme, "Working Together," also reflects our philosophy at Elastec American Marine to network with our global neighbors and colleagues to keep our oceans clean.

A composite image. On the left, there are two smaller inset photographs: the top one shows a worker in a yellow vest and hard hat operating a piece of equipment in the water; the bottom one shows a worker in a yellow vest and hard hat standing next to a large blue industrial tank. The main, larger photograph on the right shows a worker in a bright orange and blue high-visibility suit and a clear plastic welding-style mask, working on a large industrial machine or pipe system in an outdoor, possibly coastal or industrial, setting.

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Your essential guide to Interspill London 2012

13-15 March 2012 – ExCel, London, UK

Register for your exhibition and conference badge: www.interspill2012.com/guide

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committee:





Interspill 2012, the European spill conference and exhibition

This multifaceted event will bring together experts and leaders of the spill industry to exhibit, discuss key topics and debate issues.

During this 3-day event, delegates to the conference and visitors can attend the free exhibition, science workshops, spill industry seminars, and book an educational course.

Overview of Interspill 2012

Exhibition: Over 90 exhibitors from around the world will showcase state-of-the-art equipment and services to prevent and respond to oil spills

Conference programme: The conference includes an Offshore Spill Forum, together with traditional oil spill topics

Science workshops: new for 2012 are the Science workshops, led by CEDRE

Spill industry seminar: pioneered in 2009, the Spill industry seminars will be expanded in 2012

Educational courses: A regular feature are short courses, expanded this year to include oiled wild life, cold climate, and dealing with Media (new for 2012)

Social events: The traditional fish and chip supper will allow delegates and exhibitors to share experiences in a more social atmosphere at the Fox pub

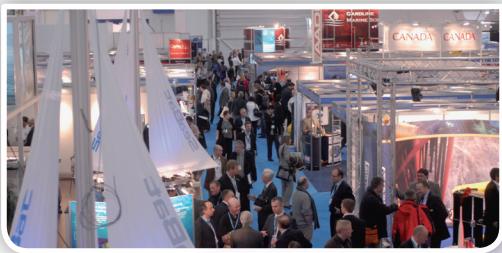
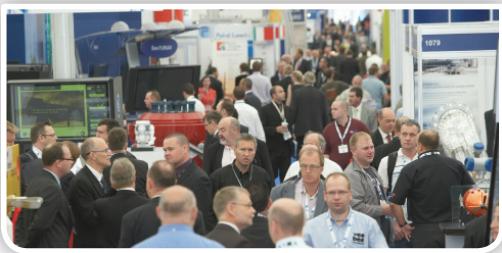
Oceanology International

Interspill 2012 will be co-located with Oceanology International, the world's premier exhibition and conference for the marine science and ocean technology community.

Interspill visitors are welcome to access the exhibition hall and attend the conference programme of Oceanology International free of charge.

Find more details on Oceanology International conference and exhibition on:
www.oceanologyinternational.com

**oceanology
international
2012** 13-15 MARCH 2012, LONDON, EXCEL



www.interspill2012.com

The scope

Interspill 2012 is focussed on oil and HNS spills, principally in the marine environment, looking at risks in the offshore, coastal, ports and the shoreline areas. Manufacturers, service providers, responders, researchers and academics come together to create a world leading spill event.

Areas covered

- Aviation services/surveillance of spills
- Bioremediation equipment/services control
- Clean-up, remediation and restoration
- Damage/impact assessment/insurance risk
- Dispersants/spray systems
- Diving/salvage services
- Emergency response services onshore and at sea
- Insurance (liability/pollution)
- IT/software for monitoring and mapping spills
- Lightering/salvage in event of spills at sea
- Oil spill response research, development and consulting
- Ports and harbour response
- Prevention techniques
- Protective gear
- Safety/health
- Satellite tracking
- Sea surface monitoring equipment
- Training services for responders
- Transport services in support of spill response
- Treatment of waste from spills
- Vessels/barges/work boats
- Waste disposal onshore
- Weather services
- Wildlife rescue/rehabilitation

Exhibitors

- Adler & Allan Ltd
- Alnmaritec Ltd
- Alpha Briggs Mediterranean Ltd
- Aptomar AS
- Australian Maritime Safety Authority
- Ayles Fernie International
- BellTech
- Braemar Howells
- Briggs Marine & Environmental
- Bugsier-, Reederei- und Berungs- Gesellschaft GmbH & Co. KG
- C.I.Agent Solutions
- Castalia S.C.p.A.
- CoastSaver AS
- Consilium UK
- Crest Ecomaterials
- Darcy Spillcare Manufacture
- Desmi Ro-Clean
- DNV
- ECOservice-NEFTEGAZ, Ltd
- Elastec/American Marine
- Empteezy Ltd
- EnergyPro Consulting, Petrol & Project Ltd
- European Maritime Safety Agency (EMSA)
- Expandi Systems International
- Fast Engineering
- Fleming Technical Limited
- Foilex Engineering AB
- Fosse Liquitrol
- Frank Mohn AS – Environmental
- GEP HELLAS LTD
- Havarie Kommando
- Industrial Apparatus Consultants Ltd
- International Maritime Organization
- IPIECA
- iTEN Media Pvt Ltd
- ITOPF Ltd
- Kelvin Hughes Ltd
- Kepner Plastics Fabricators, Inc
- Kongsberg Satellite Services
- KSAT
- Kyung In corp. (MIRASOL)
- Lamor Corporation
- LINK Associates International
- Markleen
- MEKE Deniz Temizligi Ltd. Sti.
- Musthane
- Newson Gale
- Norwegian Oil Spill Control Association (NOSCA)
- Norwegian Oil Spill Control Association (NOSCA)
- NPS Spilfyter
- OHMSETT
- Oil Spill Response Limited
- OPTIMARE Sensorsysteme GmbH & CO. KG.
- ORC AB
- OSIS International
- OTI Greentech AG
- Ruag Aerospace Services GmbH
- Rutter Inc
- Sea Alarm Foundation
- SEACOR Environmental services (UK) Ltd
- Selwood Pumps
- SorbControl SL
- SRGH
- Swedish Space Corporation
- SYCOPOL
- The Response Group
- UBIFRANCE
- Vikoma International Ltd
- Vogelsang Ltd

Register for your exhibition entry, conference and short courses pass on www.interspill2012.com/guide



Interspill 2012 Summary Event Programme

Short Courses

Monday 12 March

Education & Training courses over half day and full day from key organisations and agencies including IMO, IOPC Funds, OSRL, ITOPF, Sintef, and leading consultants.

Conference Programme

Tuesday 13 – Thursday 15 March

The conference programme at Interspill will look at current issues and best practices and will feature authoritative industry experts.

Main conference sessions include:

- Oil Spill Response Policy
- Dispersant: Developments in Regulation
- Cold Climate Issues
- Regional Preparedness
- Modelling & Risk Analysis
- Impact & Restoration
- Monitoring & Remote Sensing
- Technology development
- HNS Response
- Response Operations
- Training
- Response Logistics
- Communications & Social Media

Science Workshops

Tuesday 13 – Wednesday 14 March

CEDRE led and organised workshops will be located on the exhibition floor.

Subjects include:

- Oil Weathering, Understanding Chemicals
- Oil spill drift modelling, Spill detection/tracking
- Spill management systems

Offshore Forum

Wednesday 14 March

Key topics include:

- The Regulators View
- UK Regime
- Technical Issues

Spill Industry Seminars

Wednesday 14 – Thursday 15 March

Industry led seminar on the exhibition floor – The spill industry will present the latest technologies and services from exhibitors including:

- Dispersant spraying systems
- Winning the X Challenge
- Satellite and airborne monitoring
- Remote Sensing
- Mechanical oil recovery and collection devices
- Chemical spill control

Detailed event programme

Subject to change



Short Course Programme Monday 12th March

FULL DAY COURSES

- Oil Spill Response – Sharon Burton & Andy Nicoll (OSRL) & Kelly Reynolds (ITOPF)
- Media, Political Posturing & Media Machinations (NEW COURSE) – Robin Perry, & Steve Panton

Cost: £200 + vat @ 20%

HALF DAY COURSES

- HNS Response - Patricia Charlebois (IMO)
- Oiled Wildlife Response (NEW COURSE)
- Hugo Nijkamp, Saskia Sessions (Sea Alarm) & Barbara Callahan (International Bird Rescue)
- Compensation - Thomas Liebert (IOPC) & Tim Wadsworth (ITOPF)

Cost: £100 + vat @ 20%

Event programme: Day One Tuesday 13th March

9:30 REGISTRATION FOR DAILY DELEGATES		
WORKSHOP SEMINARS	CONFERENCE STREAMS 1&2	
CONFERENCE ROOM 1 – South Gallery CONFERENCE ROOM 2 – South Gallery		
10:00	MORNING SESSION	
	KEYNOTE PLENARY SESSION Chairman – Glyn Humphries Sir Alan Massey – Keynote speaker	
10:45		Exhibition Preview
12:00	LUNCH BREAK	
13:00	Panel Discussion with Simon Boxall and guests	
AFTERNOON SESSION		
WORKSHOP SEMINARS (EXH)	CONFERENCE STREAM 1	CONFERENCE STREAM 2
Cedre Science Workshop	Oil Spill Response Policy – Stefan Micallef – IMO	Dispersant: Developments in Regulation – Alun Lewis
13:30 1- Oil Weathering	13:30 A History of Key Conventions: An IMO Perspective – Patricia Charlebois (IMO)	Panel discussion on issues surrounding dispersant use and regulatory frameworks US – Albert Vernosa (EPA) UK – Nick Greenwood (AMO) France – Francois Merlin (CEDRE) Norway – Ivar Singsass / Per Daling (SINTEF)
	14:00 Half a Century of Shipping Spills. What's changed? – Richard Johnson (ITOPF)	
14:15 2- Understanding Chemicals	14:30 Oil Spill Prevention and Response: the Tanker Owners' Perspective – Kathi Stanzel (Intertanko)	
BREAK		
15:00	Spill Industry Seminar	Oil Spill Response Policy – Michael O'Brien – ITOPF
15:30 Airborne oil spill monitoring	15:30 Global Oil Spill Preparedness and Response Standards, Practices and Capability Post-Macondo – Richard Santner (BP)	Cold Climate Issues – Pierre Samson - ECRC-SIMEC Lessons Learned: GODAFOSS – Johan Marius Ly (NCA)
15:50 Hoverspill	16:00 Current IOPC Fund Issues – Jose Maura (IOPC Fund)	The Arctic JIP – Peter Velez (Shell)
16:20 Chemical Spill Control	16:30 Current P and I challenges – International Group P and I (TBC)	Dispersant Effectiveness: Testing of Crude Oils weathered under various ice conditions – Per Daling (SINTEF)
17:00	CLOSE	
17:30	SOCIAL EVENT – Pub night at the Fox, Opens at 17:00 , Open to all delegates visitors/exhibitors	

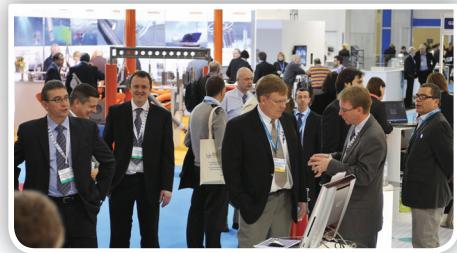
Register for your exhibition entry, conference and short courses pass on www.interspill2012.com/guide



Event programme: Day Two

Wednesday 14th March

REGISTRATION FOR DAILY DELEGATES			
WORKSHOP SEMINARS (EXH)		CONFERENCE STREAMS 1&2	
		CONFERENCE ROOM 1 – South Gallery	CONFERENCE ROOM 2 – South Gallery
MORNING SESSION			
WORKSHOP SEMINARS (EXH)		CONFERENCE STREAM 1	CONFERENCE STREAM 2:
09:00	Cedre Science Workshop	Regional Preparedness – Bernd Bluhm – EMSA	Offshore Forum Panel: The Regulator's View - Archie Smith - OSRL
	3 – Oil Spill Drift Modelling	Developments in the Black Sea – Peter Taylor (OSPRI)	Panel Discussion on Regulatory frameworks and Post Macondo impacts
		The GIRG 19: Is Asia ready? – Geeva Varghese (OSRL)	Steve Walker – Head of HSE Offshore Division Dave Westerholm – NOAA Taf Powell – DG ENER (EU) Hugh Shaw – SOSREP
10:00		The Atlantic Region's Coastal Response – Patricia Perez/Maris Fernandez (ARCOPOL)	
10:00		Preparedness Planning in remote East Africa – Nick March (OSRL) & Anette Boye (Statoil)	
10:30		BREAK	
	Spill Industry Seminar	Modelling & Risk Analysis – Gabino Gonzales – REMPEC	Offshore Forum Panel: UK Regime – Colin Mulvana – MCA (TBC)
11:00	Winner X Challenge	ARPEL Oil Spill Response Planning and Readiness Assessment Manual and Tool – Miguel Moyano (ARPEL)	Offshore Industry Compensation Regime – Niall Scott (OPOL)
11:20	Oil spill collection	Environmental Risk from Shipping in Norwegian Coast – Odd Willy Brude (DNV)	UK Response Readiness – Mick Borwell (Oil and Gas UK)
11:40	Multi satelite monitoring	Existing Modelling Approaches to Predict Trajectory and Fate of Oil Spilled in Ice-Infested Waters – Ali Khalifa (Environmental Canada)	Changes in UKCS Regulatory Regime Post-Macondo – Craig Bunyan & Michael Reid (DECC)
12:30		LUNCH BREAK	
AFTERNOON SESSION			
WORKSHOP SEMINARS (EXH)		CONFERENCE STREAM 1	CONFERENCE STREAM 2
14:00	Cedre Science Workshop	Impacts & Restoration- Alex Hunt – ITOPF	Offshore Forum Panel: Technical Issues – Dave Salt – OSRL
	4 – Spill Detection and Tracking	What is a reasonable oiled wildlife response? – Saskia Sessions (Sea Alarm) & Barbara Callahan (International Bird Rescue)	GIRG – Oil Spill Response Developments: Plans & Progress – Rob Cox (IPIECA)
		Potentially polluting wrecks – Doug Helton (NOAA)	Approval Process to support subsurface dispersant use – Mark Kirby (CEFAS)
	Wildlife response during OLIVA incident - Venessa Strauss – SANCCOB	API – Oil Spill Response Issues: Plans & Progress – Greg Di Marco (API/Exxon Mobil)	
15:00		Impact of Pollution on Tourism – Chris Morton TBC	SWRP – Capping and Containment Developments: Plans & Progress – Keith Lewis (Shell)
15:30		BREAK	
	Spill Industry Seminar	Monitoring & Remote Sensing – Toby Stone – AMSA	Communications & Social Media – Thomas Liebert – IOPC Fund
16:00	Oil recovery system	European Satellite-Based and Aerial Oil Spill Surveillance and Vessel Detection Services - Olaf Trieschmann (EMSA) & Dirk Reichenbach (CCME)	Integrating Real-Time Crisis with Risk Communications – Ann Hayward Walker (SeaConsulting)
16:30	In Situ Burning issues	New developments in Aerial Surveillance for the UKCS – Stuart Gair (OSRL)	Deepwater Horizon – Robin Perry & Steve Panton
16:40	Emergency Response Training Exercises	Environmental Monitoring and Impact Assessment of Marine Spill Incidents: The Premium Project – Mark Kirby (CEFAS)	
17:30		CLOSE	



Event programme: Day Three

Thursday 15th March

REGISTRATION FOR DAILY DELEGATES			
WORKSHOP SEMINARS (EXH)		CONFERENCE STREAMS 1&2	
		CONFERENCE ROOM 1 – South Gallery	CONFERENCE ROOM 2 – South Gallery
MORNING SESSION			
8:30	WORKSHOP SEMINARS (EXH)	CONFERENCE STREAM 1	CONFERENCE STREAM 2
	Cedre Science Workshop	Technology Development – Richard Johnson – IOPF	HNS Response – Josee Lamoureux TBC
09:00	5 – Spill Management Systems	Fifty Years of Response Technology – Matthew Sommerville (IOPCF)	Tool for the Impact Assessment of Chemicals on Marine Organisms – Stéphane Le Floch (CEDRE)
		Hosting the X Prize oil clean-up challenge – Jane Delgado (OHMSETT)	Are MSDS relevant in case of Chemical Spills at Sea? – Ana Sofia Catarino & Fauch Cabioch (EMSA/CEDRE)
		Norwegian Oil spill Response Technology Development – Hans Jensen (NOFO)	Hazardous and Noxious Substances – Paul Harold (Health Protection Agency)
			Containership Incidents – (IOPF)
10:30	BREAK		
11:00	Spill Industry Seminar	Technology Development – George Peigné – Cedre	Response Operations – Nick Quinn TBC
	Response training exercises	Alternative Response Technologies: Progressing Learnings into Robust R&D Programs – Mike Cortez (BP)	Response Operations: Is spill response more about luck and timing than preparedness? – Sharon Burton (OSRL)
11:20	Oil Spill detection systems	Designing a Submerged Oil Recovery System – Kurt Hansen (USCG)	In Situ Burning "Coming of Age": Transition from Alternative Technology to a Conventional Offshore Spill Response Option – Nere Mabilie (BP)
11:40	Remote Sensing	Autonomous Spilled Oil and Gas Tracking Buoy System and Application to Marine Disaster Prevention System – Naomi Kato (Osaka University)	Shoreline Protection on Sandy Shorelines and Tidal Inlets – Ed Owens (OCC/Polaris/Boston University)
12:30	LUNCH BREAK		
AFTERNOON SESSION			
	CONFERENCE STREAM 1	CONFERENCE STREAM 2	
	Training – Jo Unwin (OSRL)	Response Logistics – Paul Schuler - CCA	
14:00	NCP & IMO OPRC workshops – Elliot Taylor (Polaris Applied Sciences)	14:00	International Offers of Assistance – Heather Parker/ Bob Pond (USCG)
14:20	Exercise Sula – Andy Lang (Petrofac)	14:30	Incorporating Green Alternatives into Emergency Response Waste Management Programs – David Sweeten (BP)
14:40	Maximising Value from Training Exercises – Sharry Miller (Alaskan Gov't)	15:00	Responding to Spills in Remote Locations: GULSER ANA (Madagascar) & OLIVA (S. Atlantic) – (IOPF)
15:00	Evaluation of Oil Spill Exercise Performance and Lessons Learned – George Franklin (Shell)		
15:30	BREAK		
	CONFERENCE STREAMS 1&2		
17:00	Closing plenary: Chairman – Glyn Humphries RENA – Bruce Anderson & Andrew Berry (MNZ) & Braemar Howells Closing and handover to Spillcon 2013		
17:30	CLOSE		

Register for your exhibition entry, conference and short courses pass on www.interspill2012.com/guide



interspill

LONDON 2012

SPILL CONFERENCE & EXHIBITION

13-15 March 2012 –
ExCel, London, UK

Register for the Interspill conference and exhibition

Pre-register for your entrance badge at www.interspill2012.com/guide to gain access to the exhibition and conference at Interspill 2012.

The exhibition is free to attend. Avoid queues by registering on www.interspill2012.com/guide

1-day conference pass rates:

Members/Govt/NGO rate*: £195 + vat @ 20% = £234
Standard rate: £295 + vat @ 20% = £354

3-day conference pass rates:

Members/Govt/NGO rate*: £395 + vat @ 20% = £474
Standard rate: £595 + vat @ 20% = £714

Short Courses rates:

Half day courses rate: £100 + vat @ 20% = £120
Full day courses rate: £200 + vat @ 20% = £240

Register for conference and short courses passes on:
www.interspill2012.com/guide

* Discounted rates are available for delegates from Government, Non-governmental organisations, and Members of the following associations, belonging to the Interspill group: Eurospill • IPIECA
• NOSCA • Sycopol France • UKSpill Association • EMSA and supporting organisations

(Please note that proof of Membership may be requested at the event by the show organiser)

oceanology
international
2012
13-15 MARCH 2012, LONDON, EXCEL

Both the exhibition pass and the conference pass will allow access to Oceanology International exhibition and conference.

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 Oil Spill Response

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committee:

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EuroSpill

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 NOSCA

 UKSpill
ASSOCIATION

INTERNATIONAL: Cedre Information Day Spill and illegal discharge detection. 20 March 2012

This Information Day, open to any interested person, subject to seating availability, will be the seventeenth in a series of sessions ranging from lessons from the Braer incident (95) to waste management (04), international cooperation (06), accidental pollution of inland and estuarine waters (07) accidental pollution by HNS (08), accidental water pollution, impact of legal and statutory evolution (09), pollution response : equipment stockpiles (10) and the future of dispersants use (11).

www.cedre.fr/en/publication/jourinfo12.php



INTERNATIONAL: Secure your presence in the Buyers Guide 2012!

The most extensive source for professionals working in the field of prevention and response to oil spills – the Buyers Guide 2012. This brand new publication from Spill International will be distributed at trade shows and conferences throughout 2012, and the Buyers Guide will also be available online through Spill International's website. Don't miss out on this opportunity to attract extra business for the months and years ahead.

To obtain maximum exposure for your company, sign up for inclusion in the Spill International Buyers Guide now – it couldn't be easier.

www.tinyurl.com/7ptg7p7

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The company develops, manufactures, and supplies best available technology (BAT) oil spill recovery equipment and services. Included in its portfolio of solutions, Lamor offers contingency planning, risk assessments, equipment maintenance and service coupled with training.



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In the News

INTERNATIONAL:

Oil Spill India 2011 A NEW SPILL EVENT HELD AT GOA, INDIA

UKSPILL hosted a pavilion at Oil Spill India, supported by the UKTI Trade Show Access Programme.

Under our ATO accreditation, UKSpill took 6 UK companies to Oil Spill India 2011 in September, at Goa, India and had funding for 4 eligible companies under the Tradeshow

Access Programme (TAP) scheme approved to support British exporters.

Over 400 delegates attended the event, with over 30 exhibitors, and a well supported conference programme, it is expected that the event will be held again in 2012.



INTERNATIONAL: EMSA'S OIL POLLUTION RESPONSE VESSEL NETWORK

In 2004 European Maritime Safety Agency (EMSA) was tasked for setting up a network of vessels, equipment and other resources to help EU Member States deal with pollution from ships.

EMSA has contracted commercial vessels which can, at short notice (within approx. 24hrs) be transformed into oil recovery vessels with state-of-the-art equipment. These ships normally undertake other day-to-day tasks, but have the ability to load equipment and respond rapidly to spills when needed.

EMSA, in 2011 arranged five tenders covering the Baltic Sea, Bay of Biscay, western Mediterranean, central Mediterranean and the Black Sea. New equipment was required in four of them, where existing equipment from earlier contracts and equipment stockpiles was made available. After careful assessments and evaluation EMSA finally awarded four new contracts, out of which three contracts required new equipment. "We are now strengthening our close cooperation with the selected partners," says EMSAs Bernd Bluhm, Head of Pollution Control.

The equipment deliveries mainly consist of Lamor rigid sweeping arms 12m and 15m with dedicated cranes for safe deployment at offshore conditions, equipped with brush

skimmer modules for medium and heavy oils and weir modules for light oils. The rapidly and easily interchangeable brush skimmer and weir skimmer modules make the vessels operational in any types of oil spill under any conditions offshore, while simultaneously being extremely user friendly.

EMSA offers a comprehensive fleet of Standby Oil Spill Recovery Vessels (SOSRV) available in all major European sea areas, from the Baltic to the Black Sea, encompassing ships available in most parts of the Mediterranean, Atlantic and North Sea.

In early August the acceptance test of the SOSRV M/T Alexandria (storage capacity of 7,458 m³) was successfully conducted by EMSA in Cyprus. "After a comprehensive testing procedure to verify the performance and suitability of both crew and equipment, the M/T Alexandria is now ready to provide services to any Member State and Accession State of the European Union. Contracted from the Cyprus based company Petronav, the M/T Alexandria reinforces EMSA's response capacity in the eastern Mediterranean, a major conduit for hydrocarbons reaching Europe via North Africa, the Middle East, Suez Canal and Black Sea," says Bluhm.

Lamor also provides IMO (International Maritime Organization) certified oil spill response training for the vessel crews. Lamor is the only oil spill response equipment supplier that is an accredited training provider,



having the rights to train IMO Oil Spill Responder levels 1 – 3.

"EMSA is now very satisfied that all the coastline is covered with multiple contracts and vessels equipped with state-of-the-art equipment. The latest tender round produced three new contracts and we look forward to having all three vessels pre-fitted and equipped well before the june 2012 deadline." reinforces Bluhm.

Thomas Barbieri

In the News

UK: NEW UKSPILL MEMBER FOSSE LIQUITROL

Fosse Liquitrol is an established company with more than 25 years experience in supplying and supporting the Spill Containment market, offering a large and diverse product range, which appeals to many responders, distributors and end users alike.

Started in 1984 by the MD, Miles Hillmann, the company has a track record of developing innovative products in its key markets of spill prevention and control for both marine and industrial applications. The company has won 3 SMART Awards, a MIDAS Award, a DEMOS Award and it has been Leicestershire Innovation Company of the Year.

Fosse Liquitrol is one of the founding members of the BSIF Absorbents Manufacturing Group and through this has been heavily involved in ensuring that sorbents sold within the UK live up to their promises on quality and absorbency, and, through colour coding, are easily identifiable as to what application they are best used for.

Fosse are looking forward to being able to demonstrate our products and services at Interspill 2012, and will be happy to meet with you and discuss your supply requirements on stand T255, where we offer the complete solution to oil and chemical spillage prevention, containment and control.

Visit our website www.fosseliquitrol.co.uk for additional information on the company.



The logo for Interspill London 2012 features three circular icons representing water, oil, and a drop. Below the icons, the word "interspill" is written in a lowercase, bold, sans-serif font, with "LONDON 2012" in a smaller, uppercase font underneath. At the bottom, the text "SPILL CONFERENCE & EXHIBITION" is printed. A red oval highlights the date "13-15 March 2012 ExCeL • London • UK". To the right of the oval, the words "Save the date" are written in a cursive, red font.

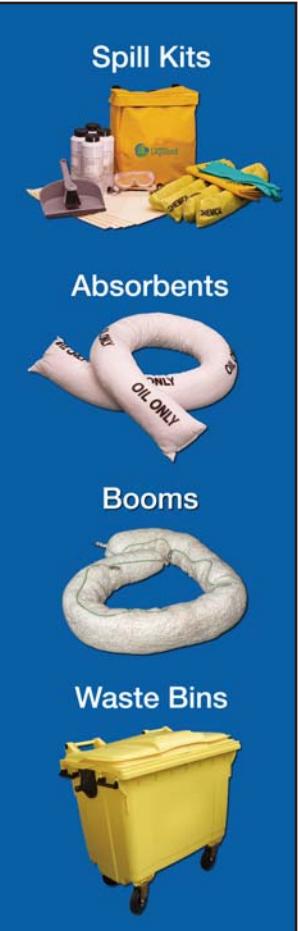


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Spill Kits
A yellow spill kit bag with various spill response items like gloves and absorbent pads.

Absorbents
A white oil-only boom.

Booms
A coiled white oil-only boom.

Waste Bins
A yellow waste bin with wheels.

PEOPLE AND PLACES

Management team changes at IMO Secretariat

After taking office on 1 January 2012, the IMO Secretary-General Mr. Koji Sekimizu today announced a number of changes in the structure of the IMO Secretariat. Mr. Sekimizu said: "The biggest challenge I see in the coming years, in terms of management of the Organization, is how to improve the 'delivery mechanism' in the Secretariat .

Mr Stefan Micallef has been appointed as the new Director of the Marine Environment Division of IMO. Mr Micallef, who was previously the Senior Deputy Director, Pollution Response and Technical Cooperation Coordination, and is a member of the Interspill Organising Committee.

New MCA Head of Counter Pollution

Stanley Woznicki, a former Royal Navy officer has been appointed Head of Counter Pollution, based at MCA headquarters in Southampton

New Acting Director of EMSA

Leendert Bal has been appointed Acting Director of EMSA, after Willem De Ruiter retired from EMSA at the end of 2011. Willem de Ruiter had been Director since the formation of EMSA in 2004, and was the signatory in 2007 of the Interspill MoU when it was expanded to include IPIECA and EMSA

INTERNATIONAL: Seacor Response, Alpha Briggs and OSRA Greece sign up to work together in the Mediterranean

"This agreement allows the parties to cost-effectively provide greater response capacity for their respective clients in the region," said Neil Challis, President of SEACOR Response. Paul Pisani, Commercial and Operations Director of Alpha Briggs, added, "The combination of the regional oil spill and salvage strengths of Alpha Briggs and OSRA Greece and the international response capability of SEACOR Response provides for a very robust industry-led capability in the region."

December 2011



Oil Spill Response - Proven Oil Spill Technology

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- ✓ Temporary storage tanks
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- ✓ OSR Vessels
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- ✓ Customised solutions





Oil Dispersant Spray System Specialists

Ayles Fernie is a leading specialist in the design and manufacture of Marine and Aircraft oil dispersant spray systems.

The company offers:

- A comprehensive range of standard portable and installed systems
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Company Profile



Ayles Fernie is well established as a world leader in the design and manufacture of oil dispersant spray systems.

The company, originally known as "Frank Ayles & Associates", developed the first "Warren Spring Laboratory" approved spray system following the "Torrey Canyon" spill in 1967 and system development continued through the 80's and 90's to include the first side-sweep systems, aerial spray systems and even oil spill detection equipment.

The current Owner/MD, Bill Fernie, acquired the business in 1994 and following a period of consolidation, the company moved to light industrial premises in 1998 where product design, development and manufacture could be carried out more effectively. The move included the introduction of full CAD design facilities, ISO 9001 approval and the further development of the popular BOATSPRAY and CLEARSpray range of portable and installed spray systems.

systems sold in 2011 and to support this growth, 3-D CAD facilities are being introduced along with additional design and support staff. To cap a successful year in 2011, Ayles Fernie has also achieved the first Classification Society (ABS) design approval for the CLEARSpray 100 dispersant spray system and this will be followed by Type Approval in 2012.

Managing Director Bill Fernie describes the market for dispersant systems as "very encouraging" and the plan is to continue with on-going system development for both Marine and Aerospace sectors together with a move to other "very interesting" spray systems for new applications – watch this space!

Email: sales@aylesfernie.co.uk

Web: www.aylesfernie.co.uk



Ayles Fernie International Ltd

In 2002, the patented NIMBUS aerial dispersant spray system was developed and delivered to Oil Spill Response Ltd and 2005 saw the introduction of the unique AFEDO™ "even drop-out" nozzle as the long awaited alternative to dispersant spray arms. Recent increasing interest in aerial spray systems has resulted in much design work at Ayles Fernie with further development of the NIMBUS design for the Lockheed C-130H, Airbus Military C-295 and Alenia C-27J aircraft. A NIMBUS system for the Brazilian oil company Petrobras is being built for installation in the C-130H aircraft and orders are expected for other NIMBUS variants in 2012.

Ayles Fernie has also experienced healthy growth in the marine sector with over 110



THE RAW REPORT

SHORELINE SPILL RESPONSE - ARE WE READY?



In the wake of the Deepwater Horizon oil spill in the Gulf of Mexico in the summer of 2010, a number of authorities and organisations have reviewed the readiness of the oil spill response industry in the UK to respond to offshore spill incidents.

Reviews have been undertaken by, but are not limited to, the House of Commons Energy and Climate Change Committee, the Department of Energy and Climate Change (DECC), the Health and Safety Executive (HSE) and the Oil Spill Prevention & Response Advisory Group (OSPRAG), an organisation set up by Oil & Gas UK to provide a focal point for the sector's review of the industry's practices after the Deepwater Horizon incident.

Marine oil spill response is divided into three categories depending on the amount of oil released as follows:

- **Tier 1:** 100 tonnes or 740 barrels - a small sized spill that will employ local resources;
- **Tier 2:** 500 tonnes or 3,700 barrels - a medium spill requiring regional assistance; and
- **Tier 3:** 10,000 tonnes or 74,000 barrels - activates the National Contingency Plan (NCP).

The OSPRAG Oil Spill and Emergency Response Review Group conducted a thorough review of the UK's available spill response 'tool-kit' including dispersants, shoreline responders and oil spill response equipment. In relation to shoreline response, the review considered sensitivity mapping, the use of booms, response personnel and waste management planning, and provided the following conclusions:

- The UK has immediate access to sufficient shoreline boom to protect sensitive areas from a significant spill;
- Sensitivity data for UK coastlines that could potentially be affected by a sustained offshore release needs to be updated;
- The responsibility for shoreline response rests with the relevant local authority, with support from the company responsible for the spill and the review found that local authorities may not be in a practical or financial position to respond to a sustained incident and that there was a lack of clarity on roles and responsibilities under the NCP and the requirements of the Civil Contingencies Act 2004;
- Industry resources can provide a significant number of trained and experienced personnel but this resource could become depleted during an extended incident. OSPRAG commissioned Briggs Environmental Services Ltd to review the potential for a UK wide framework for the provision of trained and accredited response personnel;
- OSPRAG recommended that the Oil Spill Response Forum (OSRF - established under the governance of Oil & Gas UK, to take forward projects initiated under OSPRAG and to maintain a proactive industry position on oil spill response) work closely with UK Spill to deliver a cost effective and sustainable solution to the integration of industry resources with those of the local authorities;
- The responsibility for management of oily wastes from a shoreline rests with the relevant local authority. The review found that, as with responsibility for shoreline response, there is a lack of clarity on roles and responsibilities, particularly with respect to the final disposal of wastes.
- In relation to waste management, OSPRAG recommended that a study be undertaken to identify all the issues and recommend potential solutions and a contract was awarded to SLR Consulting Ltd to carry out

the study in conjunction with local authorities.

To test the UK's ability to respond to a major off shore incident, in May 2011, the Maritime and Coastguard Agency (MCA) and DECC carried out 'Exercise SULA'. This exercise focussed on well control, off-shore counter pollution measures and shoreline protection. The full report on the exercise can be obtained from the MCA web-site and downloaded from the following link www.tinyurl.com/78l8bu.

The exercise established that the shoreline response was well led but one of the key objectives of the exercise in relation to shoreline response, the implementation of a SCAT (Shoreline Cleanup and Assessment Techniques) process, to enable priorities to be detailed and plans to be put in place for treatment, was not met.

Under the Civil Contingencies Act 2004, local authorities, as Category 1 responders, are required to prepare and implement local

response plans. Contingency plans are prepared by coastal local authorities, harbour authorities, and operators of offshore installations and should support the NCP. In the current economic climate and particularly with respect to the squeeze on the public sector, there will no doubt be some concern on the ability of local authorities to respond to these incidents, to regularly maintain and update their response plans and to ensure they have a sufficient number of adequately trained staff and competent contractors.

This concern was raised in the OSPRAG review, particularly in relation to a sustained release of oil impacting the shoreline, which could drain local authority resources. The findings of the work by Briggs in their assessment of the potential for a UK wide framework for the provision of trained and accredited response personnel, and the potential for UK Spill to engage with the OSRF, will be of interest to many accredited contractors not currently directly involved

with shoreline response and clean-up, who could well contribute to the response effort associated with marine spill incidents, particularly larger Tier 2 and Tier 3 incidents which could quickly drain local and even regional resources.

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The RAW report written by:

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Offices throughout the UK and Ireland

IAC announces an important new development

IAC is proud to announce an important new development at Ecoceane, French integrated pollution clean up vessel builder based at Paimpol in Brittany. The first of the new Workglop range was officially launched in Paris late September 2011.

This is a significant development from the Cataglop range of road trailer transportable aluminium catamaran integrated solid waste and hydrocarbon spill clean up vessels, already supplied to 23 different countries with over 50 boats delivered.

It is planned to have Workglop 128 present at Interspill. She continues the range of aluminium catamaran integrated pollution clean up vessels, but is a rather bigger 13 metre twin 260 hp ocean going vessel with a crane and able to offer a wide range of supply boat functions as well as fulfilling all the requirements for spill response near offshore platforms and wind farms. This is a much quicker, more efficient spill clean up method than any other system offered.

The Workglop 128 offers 1000 nautical miles autonomy at sea, allowing her to stay on

station for long periods; she can be equipped with a pressurised cabin and keelcooling to allow her to work on hazardous spills. She can simply sail into a spill and suck it up, a real vacuum cleaner of the seas. Continuous working can be achieved using flexible floating tanks or a bunker barge and continuously pumping the recovered spill to them. It can also offer diving support, grey water pump out from other vessels and fire fighting. Ecoceane also offer the Workglop 117 and 106, slightly smaller versions for work closer to the shore or in estuaries. There is also the Spillglop range, with the 18 metre Catamar having been deployed to the Gulf of Mexico at the time of the Deepwater Horizon incident, and designs existing for a 25 metre version and a 40 metre vessel for arctic conditions.

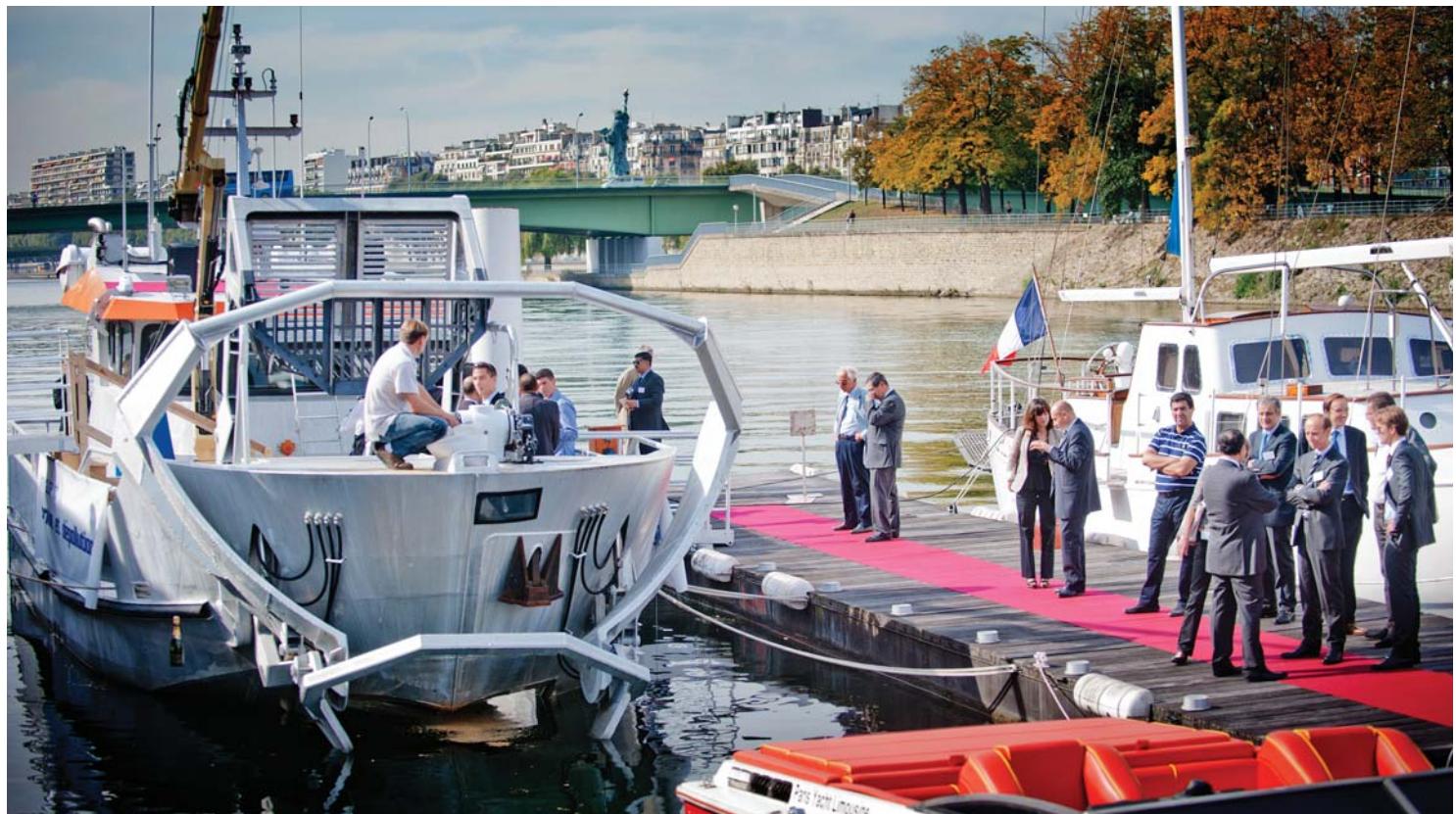
The Salaroll pump is a highly portable robust peristaltic pump designed for use with very viscous oils and chemicals and especially for use in places with difficult access. The pump is mounted on a frame so that it can be moved around like a wheelbarrow. The hydraulic power pack is on a similar frame. It is perhaps the only viable tool for rocky shoreline clean up of a heavy oil or bunker spill and this has been proven in two recent incidents, the Full City spill off Norway in 2010 and another off Sweden in 2011 where

some 150 tons of bunker oil were recovered from rocky shore areas using several Salarollpump units. They were deployed on barges or taken over the rocks to reach oil floating close to the shore or in rock pools. The pumps could be wheeled or carried down to where they were needed. Bigger pumps or vacuum trucks simply could not do this.

The Salaroll pump is also being developed for effective use in sludge removal from hydrocarbon storage tanks. Whilst small compared to a vacuum truck it has been found to be effective at removing viscous oil through a quite small manhole where other means made no impression. A hydraulically driven sludge suction head and bigger pipes enable the system to be taken into larger tanks and reduce the manpower needed to remove the final sludge layer, which is sucked through the pump and on through the required distance to a storage/disposal tank. The keywords here are simplicity, portability, low maintenance and economically effective.

The Salarollpump was tested and approved by BP for worldwide use during the Deepwater Horizon incident. We will have a complete pump kit on display at Interspill 2012.

IAC Ltd. www.iacuk.com



MARINE OIL AND CHEMICAL-SPILL RESPONSE: UK GUIDELINES LAUNCHED

A set of new guidelines to strengthen the response to oil and chemical spills at sea has been published today.

The post-incident monitoring guidelines are a key output from the PREMIAM project (Pollution Response in Emergencies: Marine Impact Assessment and Monitoring) which was initiated in 2009.

A comprehensive document, the guidelines provide the principles upon which effective post-spill monitoring and impact assessment in UK waters will be based and is supported by 19 UK government partners. The guidelines cover a wide range of issues including:

- planning surveys
- sampling practices (including handling and storage)
- chemical analysis
- ecotoxicology
- ecological assessment.

Chemical and oil spills in the marine environment remain a significant threat.

While large spill incidents remain relatively rare, events such as the Deepwater Horizon in the Gulf of Mexico and, more recently, the grounded container ship Rena in New Zealand show the importance of effective response.

Rapid response, improved preparedness and effective post-incident monitoring and assessment are all key parts of an effective response and these guidelines and other outputs from the project will help to deliver that for the UK.

Cefas' Mark Kirby, the PREMIAM project "The publication of the guidelines marks an important step in our ability to mount effective and co-ordinated post-spill monitoring programmes."

The UK has been no stranger to significant marine incidents, with large spills from the Sea Empress, Braer and MSC Napoli all requiring major post-spill monitoring operations.

Kirby continues: "The size and importance of the offshore oil and gas and shipping industries in the UK means that there is a need for continued vigilance and



improvement of post-spill response and monitoring activities.

"The guidelines published today came about because of excellent co-operation among a wide range of UK government departments and agencies, coupled with very positive feedback from both industry and conservation bodies during an extensive consultation period. Such combined effort means that the guidelines provide a credible and widely supported process for any UK response in future."

The PREMIAM project is developing processes whereby expertise, equipment and facilities necessary for effective monitoring of oil and/or chemical spills are identified and engaged. The project also provides a mechanism through which the UK's post-spill monitoring programme is co-ordinated and managed.

www.cefas.defra.gov.uk

The advertisement features a large image of a white and orange workboat named 'Workglop® 128' sailing on the ocean. To the right of the boat is a white box containing text and logos. The text reads: 'INDUSTRIAL APPARATUS CONSULTANTS LIMITED', 'Environmental Products', 'Pollution Control Workboats Specialist Pumps', 'www.iacuk.com', and '020 7486 6474'. Below the main image is a smaller row of four smaller images: 'ecoceane' logo, a small boat in a harbor, a 'sala rollpump®' pump unit, and two workers in orange safety gear working with equipment.

The last word

Salvage resources for giant ships

- and what will it mean for Spill Responders,
taken from an article in the BIMCO publication.

There is a degree of optimism inherent in any shipping investment and nobody, as they make up their mind to invest in a new building, thinks of the worst calamity that might overtake the ship being ordered. The White Star Line would never have ordered the 'Titanic' if they had foreseen her fate, and it would be very unfair to fault them retrospectively for their lack of anticipation. Nevertheless, it might be prudent to at least spare a few thoughts as to how some of the giant ships now coming into service might be salved, should they be so unfortunate as to require the services of salvors. Has anyone actually asked the salvage experts whether they have adequate resources to deal with a disabled 400,000DWT dry bulker full of iron ore, or a grounded 15,000TEU container ship, or even the aftermath of a serious accident involving a ship with upwards of 6,000 souls aboard?

Salvors, for their part, would seem to suggest that all these excellent designs for ships that will drive serious scale economies have been undertaken without looking at their current capabilities and resources. Last week, the president of the International Salvage Union, Andreas Tsavlisiris, took the opportunity to

reiterate salvors' concerns about a whole range of issues that tax their patience. He suggested that salvage awards have become inadequate, and whatever the salvor might have done to save some wrecked ship in terms of expertise and commitment, the courts fail to recognise the reality of their claim.

Salvors are going to need a new generation of both tugs and people to cope with the probable demands of these monster ships, but cannot presently afford either. There needs, he said, to be more understanding of "environmental" salvage, where the value is in the efforts that spare a coastline from pollution, rather than the "salved" value out of which traditional awards would be paid. Salvage crews are getting older and their clever, technologically astute and brave replacements need to be recruited.

However, who wants to join this sector, not least, said Tsavlisiris, for their exposure to criminal sanctions? It is a valid point, which ship operators will doubtless understand.

But back to giant ships. You do not have to recall the struggles to save the containership 'Napoli' or the present efforts with the 'Rena' on the New Zealand coast to realise that containerships are notoriously difficult ships

to save. What sort of plant will have to be summoned to get the cargo off a wrecked 18,000TEU vessel, with water in all her holds and containers seven high on the deck of the damaged giant, perhaps lying in an exposed position offshore? And where will such barges and high-reach cranes be found? Tsavlisiris suggests that such is the number of very large containerships pouring out of shipyards, that statistically there will one that comes to grief.

Of course, one could ignore these matters and convince oneself that such an accident "could not happen to me", such is the quality of one's operation. And it is significant that the world's biggest passenger ships do have a degree of redundancy and "return to port" capability because such risks have been assessed and understood. Nonetheless, history is sometimes useful in providing indicators to the present and we might look back to the "first-generation" VLCCs, which were single-boiler steamships, commissioned at a time when no tug was sufficiently powerful to tow one of these disabled ships off a lee shore. We shouldn't have to find out the adequacy of salvage capability the hard way.

BIMCO – The Watchkeeper, December 2011

SPILLALERT FACTS

- 8 issues published by UKSpill
- 1000 print copies per issue
- Each issue emailed to 8000+
- 18-26% opened
- 8-9% downloaded as a PDF

INDUSTRY EVENTS: PREVIEWS

UK: INTERSPILL 2012

13-15 MARCH 2012, LONDON, UK

Details at www.interspill.com

DUBAI: OFFSHORE ARABIA CONFERENCE & EXHIBITION

27-29 FEBRUARY 2012, DUBAI, UAE

Details at www.offshorearabia.ae

FRANCE: SPILL AND ILLEGAL DISCHARGE DETECTION

20 MARCH 2012, PARIS, FRANCE

Details at www.cedre.fr/en

USA: CLEAN PACIFIC CONFERENCE AND EXHIBITION

15 - 17 MAY 2012, LONG BEACH, CA, USA

Details at www.cleanpacific.org



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