



## ISCO & THE ISCO NEWSLETTER

The International Spill Control Organization, a not-for profit organization dedicated to raising worldwide preparedness and co-operation in response to oil and chemical spills, promoting technical development and professional competency, and to providing a focus for making the knowledge and experience of spill control professionals available to Intergovernmental, Governmental, NGO's and interested groups and individuals

ISCO holds consultative status at the International Maritime Organisation and observer Status at International Oil Pollution Compensation Funds

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ISCO is managed by an EXECUTIVE

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- Mr Neil Marson, Secretary General (UK)
- Mr John McMurtrie, VP and Editor (UK)
- Ms Mary Ann Dalglish, VP M'ship (USA)

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- Mrs Fatima B. Shaik (South Africa)
- Dr Ali Saeed Al Ameri (UAE)
- Dr Timothy Gunter (USA)

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- Ms Mary Ann Dalglish (USA)
- Captain Bill Boyle (UK)
- Mr John Wardrop (Australia)
- Mr Marc Shaye (USA)
- Mr Michael Watson (UK)

## INTERNATIONAL NEWS

CLICK ON THE BANNER BELOW FOR MORE INFORMATION



## USING NATURE IN INFRASTRUCTURE PROJECTS COULD SAVE \$248 BILLION PER YEAR—STUDY

**October 25 - New UN-backed Resource Centre launches ahead of COP 26 to build business case for natural solutions to infrastructure challenges.**

Governments and investors could save \$248 billion a year, protect the environment, and benefit local communities by replacing or complementing newly built infrastructure with plants, trees, and other natural alternatives, according to a first-of-its-kind study from the International Institute for Sustainable Development (IISD).

Richard Florizone, President and CEO of IISD, said, "Sometimes the best solutions are hidden in plain sight. Built infrastructure is responsible for over 60% of global emissions and is driving species and habitat loss. And it's not always the best tool for the job. Actions like using reefs or mangroves instead of concrete sea wall defenses, or complementing waste treatment plants with reeds or wetlands can be more effective - for both the environment and the economy.

Natural infrastructure is a clear win-win for investors and governments looking for solutions as they prepare for the COP 26 climate summit." The GEF / [Read more](#)

## WATCH THE FILM: RESILIENT OCEAN

October 25 - In the week leading up to COP26, IMarEST and ITN Productions have co-produced **Resilient Ocean**, a short film highlighting the importance of preserving the future health and resilience of our ocean resources through scientific advances. The marine world is faced with some of the biggest challenges of our time from mitigating climate change to maintaining the world's food supply and security.

Anchored by ITN Productions presenter Marverine Cole from the ITN Productions London studio, Resilient Ocean will hear from experts within the sector, focusing on ocean health and addressing global issues, encouraging new people into the industry and exploring the technologies and automation evolving the sector.

IMarEST / [Watch the film](#)

## ISCO AMBASSADORS

(Members with special responsibilities in specified geographical areas)

Carlos Sagrera	Región Iberoamericana
Matthew Sommerville	UK London
John Noble	UK London & South'ton
Wue Yu	China

## MEMBERSHIP OF ISCO

[Benefits of Membership](#)

[Online Membership Application Form](#)

**YOU ARE INVITED TO JOIN THE ISCO DISCUSSION GROUP ON LINKED-IN**



Click on the link below –

<https://www.linkedin.com/groups/4016064/>

## AND ISCO'S FACEBOOK GROUP

Click on the link -

<https://www.facebook.com/groups/388528312842431>

## ADVANCE YOUR CAREER BY GAINING PROFESSIONAL RECOGNITION

Professional recognition is a visible mark of quality, competence and commitment, and can give you a significant advantage in today's competitive environment.

All who have the relevant qualifications and the required level of experience can apply for Professional Membership of ISCO.

The organization offers independent validation and integrity. Each grade of membership reflects an individual's professional training, experience and qualifications. You can apply for MEMBERSHIP (MISCO) or FELLOWSHIP (FISCO)

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[spillcontrol@mwadigital.com](mailto:spillcontrol@mwadigital.com)

## INTERNATIONAL NEWS (CONTINUED)

### IMO WELCOMES 175TH MEMBER STATE

October 26 - The Republic of Botswana has become the latest State to join the International Maritime Organization (IMO). IMO now has 175 Member States.

Botswana deposited its instrument of acceptance to the IMO Convention with the United Nations on 22 October 2021. IMO / [Read more](#)

### ENABLING THE INDUSTRY TO PROTECT THE NATURAL ENVIRONMENT

Enabling the industry to protect the natural environment

'Supporting the finalization and implementation of the CBD global biodiversity framework is an essential part of IPIECA's Nature strategy which aims to enable IPIECA members to contribute to preserving and protecting nature and its essential services to people and our industry.'

Deena Clayton  
Managing Director Sustainable Development, ConocoPhillips  
and IPIECA Vice Chair

ConocoPhillips

ipieca

October 25 - Deena Clayton, Managing Director Sustainable Development, ConocoPhillips and IPIECA Vice Chair looks at how IPIECA's Nature strategy is supporting the CBD COP15.

As the first part of the Convention on Biological Diversity (CBD) COP15 has just wrapped up, it's timely to share what IPIECA, its members and the oil and gas industry are doing to support biological diversity and the contribution we are making to global conservation goals.

COP15 was due to take place in 2020 but was postponed due to the COVID-19 pandemic. The convention is split into two parts: the first, which took place virtually just over a week ago, was focused on the development of a new global biodiversity framework. The second part is an in-person event in China next year, where the framework will hopefully be agreed on and adopted by all 196 participating countries.

Recent reports such as the IPBES Assessment report on biodiversity and ecosystem services show that we are losing biodiversity at an alarming rate, while WEF research states that more than half of global GDP - US\$44 trillion – depends on healthy ecosystems, clearly showing that biodiversity can't wait. IPIECA / [Read more](#)

## INTERNATIONAL SPILL CONTROL ORGANIZATION NEWS

### ISCO'S AGM 2021 WILL TAKE PLACE VIRTUALLY ON 9<sup>th</sup> DECEMBER 2021

The Agenda and Meeting Papers will soon be sent out to all members and posted on the website in the Members' Area.

More details, including the time and joining instructions will be given out later.

### A NOTE FOR YOUR DIARY

Our next Zoom meeting is being scheduled for Wednesday 24<sup>th</sup> November 2021 at 0900 Detroit time or 1300 GMT or equivalent in your own time zone. We are bringing the meeting date forward by a day because in the USA Thanksgiving Day is on Thursday 25<sup>th</sup> November. The selected time is proving to be better for the majority of our worldwide membership.

## DR TIM GUNTER APPOINTED AS NEW MEMBER OF ISCO COUNCIL FOR THE USA



ISCO is pleased to announce the appointment of Dr Tim Gunter as new Member of ISCO Council for the USA. Dr Gunter replaces Dr Manic Sardesai who retired earlier this year after having given exemplary service in this capacity for several years.

Tim Gunter is Director, National Spill Control School, Texas A&M University – Corpus Christi, Texas. With a focus on emergency preparedness and response in the offshore, coastal, and inland oil and gas industry to ensure compliance with governmental regulations he has over 20 years of Coast Guard and 4 years of pipeline and gas storage industry experience, totaling 24 years.

In his role as Director of the National Spill Control School (NSCS) he is responsible for leading the efforts of NSCS which provides training, research, and consultation in the safe and effective handling of oil and hazardous material spills. The NSCS is recognized in the Oil Pollution Act of 1990 (33 USCA, Sec. 2761.c.2.D) and serves as a resource for consulting, training, and research in oil spill prevention, planning and response. The Director develops and coordinates initiatives with a wide range of local, state, national and international

stakeholders, including industry, TAMU-CC faculty, staff, and students, governmental agencies (including the military), and NGOs.

He ensures core course offerings include the following: hazardous waste operations and emergency response (HAZWOPER), hazmat and oil spill awareness, spill management, spill response and safety, oiled wildlife rehabilitation, hazardous materials transportation, geographic information systems for environmental response, and environmental information management systems as well as contingency planning and spill response exercise development.

His experience includes routine engagement with Regional USCG Incident Management and Preparedness Senior Advisors to USCG Regional Admirals on spill preparedness and response. Routine communications with Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, Emergency Preparedness, Support and Security Division on incidents, audits, and oil spill conference committees, 2003-2021. He has significant experience with senior interagency, international, and federal officials, including extensive experience in Congressional hearing written and oral testimony prep for U.S. Coast Guard Admirals and senior government executives post Deepwater and Tsunami incidents, 2011-2015 at Headquarters. He acted as Senior advisor in national and regional oil and hazardous substance spills, vessel and facility plan review, preparedness, and response, 2011-2015 at U. S. Coast Guard Office of Marine Environmental Response Policy (CG-MER)

## MORE INTERNATIONAL AND REGIONAL NEWS

### MEETING OF THE MAP FOCAL POINTS: A KEY MILESTONE ON THE ROAD TO COP22

October 12 - Focal points of the United Nations Environment Programme's Mediterranean Action Plan (UNEP/MAP) met online on 10-17 September 2021 and paved the way for the 22nd Meeting of the Contracting Parties to the Barcelona Convention and its Protocols (COP 22, 7-10 December 2021, Antalya, Turkey).

Meetings of the MAP Focal Points, which take place prior to COPs (convened every two years), constitute important milestones as part of the intergovernmental process that UNEP/MAP has been steering since its inception in 1975.

In his opening statement, Carlo Zaghi, the President of the Bureau of the Contracting Parties to the Barcelona Convention on behalf of Italy, praised the Contracting Parties' commitment to the vision of a healthy Mediterranean Sea and coast.

UNEP Mediterranean Action Plan / [Read more](#)

### REVIEWING MARINE ENVIRONMENTAL DATA AND INFORMATION SHARING IN THE NORTH-WEST PACIFIC ACTION PLAN REGION

October 14 - Experts from China, Japan, the Republic of Korea and Russian gathered online at the Expert Meeting 2021 and the 19th Focal Points Meeting of the Data and Information Network Regional Activity Center (DINRAC) on 13 and 14 October 2021 to review the progress of the regional cooperation in marine environmental data and information sharing and explore ways of strengthening the current cooperation.

In the past decade, the NOWPAP Member States have collected the marine environmental data (MED) of eight categories with relevant indicators in the region, including harmful algal blooms, river input pollutants, direct discharge pollutants, waste dumping, atmospheric pollutant deposition, seawater quality and major marine pollutants, sediment and other major pollutants. This Focal Points Meeting reviewed the data collected in the past two years and agreed to continue this work in the upcoming years.

NOWPAP / [Read more](#)

## **COP 22 LOGO AND HASHTAG UNVEILED DURING A PREPARATORY MEETING IN ANTALYA**



October 14 - Turkey, the Host Country of the 22nd Meeting of the Contracting Parties to the Barcelona Convention and its Protocols (COP 22, 7-10 December 2021), hosted a preparatory meeting on 28-30 September 2021 in the Mediterranean city of Antalya.

COP 22 will mark 45 years of seamless environmental multilateralism and regional solidarity under the Barcelona Convention and its Protocols amid calls to build back greener. "Taking place two months after the IUCN World Conservation

Congress and shortly after the much anticipated COP 26 UN Climate Change Conference, COP 22 will serve as the 'COP for the Mediterranean'," Ms. Tatjana Hema, the Coordinator of the United Nations Environment Programme's Mediterranean Action Plan (UNEP/MAP), observed.

The Host Country unveiled the COP 22 logo and hashtag [[#COP22Med](#)] in a ceremony held during the preparatory meeting. The COP 22 logo features a pictogram representing the loggerhead turtle *Caretta caretta*, an iconic symbol of biological diversity in the Mediterranean—a regional sea that represents barely 1 per cent of the global ocean but is home to 10 per cent of known marine species. UNEP MAP / [Read more](#)

## **VIRTUAL WORKSHOP FOR OIL SPILLS IN PACIFIC ISLAND REGION**

October 26 - Phase one of a virtual workshop on the ratification and effective implementation of conventions relating to oil pollution preparedness, response and co-operation (OPRC) and the liability and compensation regime in the Pacific Island Region is being held over four days (19, 20, 26, 27 October 2021) this month. This event is jointly organized by the International Maritime Organization (IMO), the Secretariat of the Pacific Regional Environment Programme (SPREP), and the Pacific Community (SPC), under IMO's Integrated Technical Cooperation Programme (ITCP).

The workshop programme combines raising awareness on the principles of, benefits from, and obligations of State Parties to the OPRC Convention and its Protocol on Preparedness, Response and Co-operation to Pollution Incidents by Hazardous and Noxious Substances (OPRC-HNS Protocol). The discussions focused on practical experience, lessons learnt and best practices, with the 2019 MV Solomon Trader incident\* providing the common setting. The participatory approach through virtual roundtable discussions and the home-based tasks is designed to generate interest and promote interaction among participants. This in turn is likely to feed into wider regional cooperation and ratification of the conventions. IMO / [Read more](#) [Editor – Apologies for not being able to give you earlier notice of this event]

## **NEWS REPORTS FROM AROUND THE WORLD**

### **BRAZIL: IBAMA STARTS PREVENTION OF ENVIRONMENTAL ACCIDENTS IN MARANHÃO**

October 28 - To avoid serious environmental accidents, the Brazilian Institute of the Environment and Renewable Natural Resources (IBAMA) began, this week, the Guarapir operation that aims to analyze environmental emergency plans of ports and monitor coastal areas affected by oil stains in the state of Maranho. The action is part of the National Annual Plan for Environmental Protection and runs until October 30.

The first stage of the inspection took place in the Port of Itaqui, in So Lus (MA), which together with the Ponta da Madeira Terminal and the Port of Alumar has a gross export of more than 30 million tons per year. On site, the teams evaluated the responsiveness of the enterprises in case of an environmental emergency, considering risks of occurrence, degree of safety and handling of dangerous products in a safe way. IBAMA / [Read more](#)

### **CANADA: WHAT HAPPENS IN THE EVENT OF A TOXIC SPILL IN THE ST. CLAIR RIVER?**

October 28 - A look at the spill response protocols - What happens if there is a toxic spill into the St. Clair River from a paper company in Port Huron or petrochemical plant in Sarnia, Ontario, Canada?

Ideally, the plant responsible for the spill will immediately report it to the proper authorities and water plant operators will be given enough time to close their water intakes to protect their drinking water supply and the health of water users.

"Under Rule 2301, each water plant is required to have an emergency response plan," said Johnson. "Part of that should include spill response for a contamination event."

The plan should lay out the roles to be played by plant staff, how communication should occur and pinpoint alternate water supplies, among other actions. VoiceNews / [Read more](#)

## COSTA RICA: HONOURED WITH THE EARTHSHOT PRIZE

October 18 - With the unveiling of the inaugural five winners on 17th October, 2021, the Government of Costa Rica was honoured with the Earthshot Prize, a Nobel-like award founded by the Duke of Cambridge and renowned British naturalist David Attenborough.

Selected in the 'Protect & Restore Nature' category, the Prize notes that Costa Rica is helping to 'turn the current pessimism surrounding environmental issues into optimism, by highlighting the ability of human ingenuity to bring about change - and inspire collective action.' <https://undplac.exposure.co/protect-and-restore> Click on this link to see stunning photos and read the whole story.

## SERBIA: SPILL RESPONSE TRAINING COURSE HELD IN BELGRADE

October 22 - After successful co-operation in 2020 with Public Water Management Company "Srbijavode" during which ATRAC drafted a document entitled "Procedures for responding to accidental water pollution and a training plan for operational staff" which analyzed the dangers threatening rivers in the Republic of Serbia, the current system of preparedness and response, a list of currently available specialized equipment and suggestions for improving the system of readiness and procurement of equipment, ATRAC and "Srbijavode" continued their successful co-operation this year. ATRAC delivered a two-day training course "Implementation of response measures in case of accidental water pollution" which took place in Belgrade. This is the first-ever held course on this topic in the Republic of Serbia.



The course was attended by members of "Srbijavode" and other public water management companies from Serbia. Topics that were covered are related to the behavior and properties of spilled oil on waters, the impact of pollution on the environment and the economy, the steps of the initial intervention, health and safety at work and response methods and specialized equipment used to remove pollution, which also included a demonstration of equipment. The participants were extremely interested in discussing and exchanging experiences on water pollution, which created the basis for their further fight against water pollution by oil and other hazardous and noxious substances. Adriatic Training & Research Centre, Croatia. <http://atrac.hr/en/training-course-in-belgrade/>

## UK: MARITIME & COASTGUARD AGENCY GUIDANCE - MARINE POLLUTION (MARPOL) ANNEX II SURVEYORS

October 25 - The International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) Annex II, Regulation 16 requires the government of each party within the Convention to appoint or authorise surveyors for the purposes of exercising control procedures developed by the International Maritime Organisation. The Merchant Shipping (Prevention of Pollution from Noxious Liquid Substances in Bulk) Regulations 2018 (Statutory Instrument (S.I.) 2018/68, as amended by S.I. 2020/496 and S.I. 2021/818) implements Annex II of MARPOL. Maritime & Coastguard Agency / [Read more](#)

## **UK: CYBER ATTACK ON SCOTTISH ENVIRONMENTAL PROTECTION AGENCY**

October 27 - The December 2020 cyber-attack against the Scottish Environment Protection Agency (SEPA) 'displayed significant stealth and malicious sophistication' according to a series of independent audits published by Scotland's environmental watchdog.

SEPA voluntarily commissioned reviews from independent experts to help:

1. ensure that SEPA further enhances its cyber security as the organisation builds new systems and practices.
2. allow others to learn from SEPA's experience to help better protect themselves from cyber-crime.

Today, we are publishing as much as we can of the reviews so that as many organisations as possible can use our experience to better protect themselves from cyber-crime. A series of learnings were identified for Scotland's public sector, 44 for SEPA have all been accepted, and will be the focus of a joint SEPA, SBRC and FutureScot, 'Cybercrime: Ready, Resilient & Responsive', online event, held today (27 October) for public, private and third sector stakeholders.

Advice received by email from Scottish Environment Protection Agency (SEPA) [communications@sepa.org.uk](mailto:communications@sepa.org.uk)

## **UK: CLIMATE PROTESTERS SPILL 1,000 LITERS OF FAKE OIL OUTSIDE LLOYD'S OF LONDON**

October 29 - Climate protesters spilled a 1,000 liters (220 gallons) of fake oil outside Lloyd's of London Friday, part of a campaign to draw attention to the finance industry's financing of fossil fuels. Insurance Journal / [Read more](#)

## **USA: LATEST NEWS REPORTS FROM NOAA OR&R**

October 25 – Please click on the links below to read the latest News Reports from NOAA OR&R

[Marine Debris Program Presents at the North American Association of Environmental Education 2021 Virtual Conference](#)

On October 13, the NOAA Marine Debris Program's Education Specialist, Alexandria Brake, led a workshop at the North American Association of Environmental Education's 2021 Virtual Conference titled "Litter Lessons: Project-Based Marine Debris Education Using Citizen Science."

[Natural Resource Damage Assessment Plan for ITC Tank Fire Oil Spill Out for Public Comment](#)

On October 8, 2021 NOAA and our co-trustee partners released a [Natural Resource Damage Assessment Plan](#) to guide assessment activities related to releases of oil and other contaminants at the [ITC Tank Fire](#) site in Deer Park, Texas.

[OR&R Support to NOAA Office of Marine and Aviation Operations Fleet](#)

This past June thru September, the OR&R Emergency Response Division supported the Office of Marine and Aviation Operations fleet by approving the augmentation request for LCDR Faith Knighton to sail 76-days as a Senior Watch Officer and Acting Commanding Officer aboard the NOAA Ship *Okeanos Explorer*.

[Annual NOAA Marine Debris Program Art Contest Now Open](#)

On October 18, the NOAA Marine Debris Program announced the opening of its annual art contest. Students in grades K-8 from the United States and U.S. territories can submit their artwork now through December 10.

[Marine Debris Program Proudly Presents Hawai'i Marine Debris Action Plan 2010-2020 Accomplishments Report](#)

On October 21, the Marine Debris Program released the [Hawai'i Marine Debris Action Plan 2010-2020 Accomplishments Report](#). The Hawai'i Marine Debris Action Plan was the first community-based marine debris action plan in the nation.

[OR&R's You Don't Know What You Don't Know Lecture: Andrew Lipsky of the Northeast Fisheries Science Center](#)

Wind Farms. Why do we not see more of them on our coastlines? There is an obvious push to go green, use sustainable technologies for power, and for good reason but at what cost?

For the recording, contact [Hayley.Betker@noaa.gov](mailto:Hayley.Betker@noaa.gov) of the You Don't Know What You Don't Know Team. Also join us every third Thursday of the month for more jaw dropping topics that you had no idea scientists, responders, and educators are looking into! <https://noaaorr.adobeconnect.com/orrlectureseries/>

## **USA: LAST SECTION OF GOLDEN RAY REMOVED FROM ST. SIMONS SOUND**

October 25 - The very last section of the wrecked ro/ro Golden Ray has finally departed the site where the vessel went aground in St. Simons Sound, Georgia more than two years ago. The Maritime Executive / [Read more](#)

## **USA: EPA ACTIONS TO ADDRESS PFAS**

October 25 - In October 2021, EPA announced important steps toward evaluating the existing data for four PFAS under the Resource Conservation and Recovery Act (RCRA) and strengthening the ability to clean up PFAS contamination across the country through the RCRA corrective action process. EPA / [Read more](#)

## **USA: DRINKING WATER IMPAIRMENT ON ST. CLAIR RIVER CLOSE TO BEING RESOLVED**

October 29 - Eight of the 10 impairments on the U.S. side of the river have been resolved since 2010, largely as a result of President Obama's Great Lake Restoration Initiative, which has poured more than \$300 million per year into cleaning up the lakes: The tainting of fish and wildlife flavor, resolved in 2010; restrictions on dredging activities, resolved 2011; degradation of aesthetics or beauty of the river, resolved 2012; added costs to agriculture and industry, resolved 2012; degradation of benthos or the community of small organisms that live on and around the lake bottom, resolved in 2015; beach closings, resolved 2016; bird or animal deformities, resolved 2017; and the loss of fish and wildlife habitat, resolved in 2017. The Voice / [Read more](#)

## **NEWS FROM ISCO MEMBERS**

### **VIKOMA ANNOUNCES NEW TECHNICAL DEVELOPMENT OF ITS HI-SPRINT BOOM**



October 27 - Reel end, single point inflation, coastal waters lightweight system - Building on our patented technology, Super HI Sprint has undergone further development and in response to a customer requirement is now available in a smaller lightweight robust version making it ideally suited to small boats and protected waters (ports, harbours, terminals and coastal waters), ASTM F1523.

With patented technology, Super HI Sprint offers a unique system for reel end single point inflation using just one boat. Deployment of 250m takes less than 10 minutes and can be done with two people. By using just one boat and less personnel than other systems, costs are minimised.

Super HI Sprint has previously been available from 1000 to 1500mm and is now available as 700mm making it ideally suited to coastal waters.

This compact lightweight system, encompassing an aluminium reel requires very little deck space which increases availability of vessels of opportunity. Super HI Sprint saves operators time and money, not only in a spill but in training exercises too. Time is money and with quicker deployment than other boom systems and less people involved, costs and health and safety risks are minimised. What's not to like?! Take a look at our website or see the system in action on our YouTube channel, <https://youtu.be/wxX8ZzNZ5Mk>.

Vikoma is also pleased to introduce Peter Badham ... our new Engineering Manager who has joined us a few months ago in a new role as Engineering Manager. Pete has years of experienced in management and engineering and is already settled in and having a positive impact on the business. In this new role, Pete is managing the engineering team and working very closely with production and project management for on time delivery of products and documentation. [Read more in the October 2021 issue of Vikoma News](#)

### **SONATRACH RAFFINERIA ITALIANA BUYS TWO SURFCLEANER UNITS TO REDUCE VOC EMISSIONS**

*Photo: SurfCleaner SCO 8000 Oil Skimmer Separator Hybrid.*

October 26 - Sonatrach refinery in Augusta on Sicily, are able to reduce their VOC emissions considerably, and re-refine the oil that is separated, thanks to the SurfCleaner technology. A double goal achieved in terms of environmental sustainability.

Before the SurfCleaners Sonatrach had to manually control the speed of the disc skimmers, which consumed many man hours. The SurfCleaners automatically adapt the inflow depending on the



## NEWS FROM ISCO MEMBERS (CONTINUED)

thickness of the oil – from light fractions to thick oil. SurfCleaners works with every type of slop, and have helped optimize the whole process.

SurfCleaner also announces the expansion of its global distributor network, following Italy and Norway deals - We are signing two new deals with partners in Italy and Norway – technical trader Christian Berner in Norway and Italian outfit WTE, specializing in aeration systems for wastewater treatment plants. These signings form part of a major global expansion, as we are aiming to rapidly build our international distribution network already spanning across Europe, Asia, the Middle East and the Americas.

We are excited to announce the launch of our newly upgraded website. The goal is to offer even more relevant content and a faster, more user-friendly experience. [Check it out!](#) [Read more about SurfCleaners latest developments](#)

## ISCO STUDENTS, TRAINEES & APPRENTICES CORRESPONDENCE PAGE

### ISCO OFFERS A FREE TRIAL MEMBERSHIP FOR STUDENTS, TRAINEES AND APPRENTICES

Download the application form at <https://spillcontrol.org/membership-application-form/>

#### CLARIFICATION ON DURATION OF FREE PERIOD OF MEMBERSHIP FOR STUDENTS, TRAINEES AND APPRENTICES

Until recently there has been some confusion over the length of the free trial membership provided by ISCO for student members. The ISCO Secretariat is now pleased to confirm that it is no longer restricted to only one year. **ISCO provides Student Membership free of charge during the period of the student's studies.** More detailed information about Student Membership will soon be available as an outcome of work currently being done on the revision of ISCO's rules and regulations.

Members who are students, trainees or apprentices are invited to send in their profiles, a photo and share news of their activities for sharing information and possibilities for ideas-exchange and co-operation.

Please note that Kayode Peter Balogun has been named head of the student group. He can be reached at [balogunkayodepeter@yahoo.com](mailto:balogunkayodepeter@yahoo.com), Mary Ann Dagleish (VP Membership) can be reached at [mrydetroit@aol.com](mailto:mrydetroit@aol.com).

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ISCO Members and other readers of the ISCO Newsletter who feel they can assist our Student Members or accept offers of help should contact Kayode Peter Balogun at [balogunkayodepeter@yahoo.com](mailto:balogunkayodepeter@yahoo.com) or get in touch directly with our Student members.

We will do our best to alert you about things that may be of interest to you and ask that you reciprocate by sending me info on events, opportunities, etc. that may be of interest to others and can be shared on this page. [John.mcmurtrie@spillcontrol.org](mailto:John.mcmurtrie@spillcontrol.org)

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## CONTRIBUTED ARTICLES

The ISCO Newsletter has in the past published excellent one-off or serialised articles on such matters as inland spill response, aerial observation of oil spills, in-situ burning, etc. by respected experts.

Your editor is currently looking for more interesting articles of this kind. If you think you can help, please get in touch. [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org)

Disseminating news about new technical developments is of value to our community. Corporate Members and others are invited to contribute articles.

You editor is also interested to receive interesting case histories for publication. Dealing with spill events often requires an innovative approach and you are invited to share your experiences.

## CORRESPONDENCE

### LETTER FROM FRANS LINDEBOOM OF PURA MONDO

"I am in trying to get a insights on impact (both qualitative and quantitative) of oilspills on GHG emissions. When looking for the amount and quantity of oil spilled to the environment I do not seem to find the correct number. Are you aware of an organisation that measures and publishes global spill data? Also any publications you are aware of with respect to GHG would be appreciated."

ISCO Secretary, Neil Marson, has responded – "Looking at your line of interest, I am not aware of any specific organisation currently studying and recording the impact of oil spills on GHG Emissions, but I am sure they will be someone out there that does, so an appeal in our weekly newsletter and participation in the LinkedIn Discussion Group, may open up your potential line of



## CORRESPONDENCE (CONTINUED)

communications to other parties, who may have further knowledge on your subject matter. What would of course widen your scope is, if you are not already, to join ISCO as a member, you will then be able to enjoy open access to a worldwide network of organisations to whom you would be able to inter-act with”.

A further message from Frans – “For now I would be happy with an estimated guess on how much is spilled each year and how much is finally recovered so impact of GHG is perhaps the next step. I believe this is useful information for all of us. Thank you so much for making the request in the weekly newsletter. I will make a information request in the linkedin discussion group fingers crossed someone has useful information ready available”. Frans Lindeboom [frans@puramondo.com](mailto:frans@puramondo.com)

## SCIENCE & TECHNOLOGY

### RESEARCHERS DEVELOP SUPER-HYDROPHOBIC COTTON FOR OIL-SPILL CLEANUP

Researchers at the Indian Institute of Technology (IIT), Guwahati, have developed a new class of super-hydrophobic cotton composite with Metal-Organic Framework (MOF) that promise marine oil-spill clean-up in near future.

This is a novel, highly porous and water-repellent super-hydrophobic cotton composite material containing MOF, which can absorb oil selectively from an oil-water mixture, researchers said, in a statement released by IIT, Guwahati, September 20, 2021.

The MOF composite has great capability for selective separation of the oils from oil / water mixtures and the separation efficiency lies between 95 per cent and 98 per cent, irrespective of the chemical composition and density of the oils.

Besides, the MOF composite is also able to absorb large volumes of oils and can be reused for a minimum of 10 times so that the sorbents can provide more recovery of the spilled oil. Down to Earth / [Read more](#)

### DEEP SEA MICROBES HELP DEVELOP LOW COST OIL SPILL SOLUTION

A consortium of bacteria from the deep ocean has helped city city researchers develop a low-cost and environment friendly technology to clean up oil spills at sea.

A National Institute of Ocean Technology (NIOT) team screened and isolated microbes, which thrive on hydrocarbons at a depth of 2100m in the Indian exclusive economic zone and are capable of effectively removing toxic polycyclic aromatic compounds in crude oil.

G Dharani, head of NIOT’s marine biotechnology division, said microbes are put in dormant stage in powder form. This is then mixed with water and carrier material where microbes settle in large quantities after they are ‘woken up’, to immediately multiply, through a medium containing nitrogen and phosphate s that acts as instant food.

“When coated on oil material, the consortium of bacteria produces emulsifying biosurfactant, eat the hydrocarbons and break down them into micro particles, eventually mineralising them,” he said. The technology was found to effectively degrade 90%-95% of total hydrocarbons into non-toxic products in 28-30 days compared to existing technology which takes 3-6 months.

The Times of India / [Read more](#)

### NEWLY CREATED INNOVATIVE TECHNOLOGIES FOR SOIL REMEDIATION ARE BEING TESTED IN THE PORT OF RIGA

This month Latvia-based technological start-up PurOceans Technology in cooperation with the Freeport of Riga Authority and the support of SIA “OVI” is testing an innovative, environmentally friendly method for collecting historical pollution in the port water area in Sarkandaugava, FRA says in a press release.

A team of young scientists who have won several start-up competitions and hackathons (Prototron, CleanWater Hackathon and Hack DigitalSea'21) have invented a solution for non-invasive soil (of lakes, rivers, seas and oceans) cleaning from oil sludge, microplastics, chemicals and other pollutants. The solution is based on the so-called flotation method, which does not involve chemicals, electrical impulses or dredging, thus reducing damage to flora and fauna. According to the method, a funnel is submerged up to the riverbed, with the help of which at a certain air pressure oily sludge is lifted, separated from the ground and sand, and collected in closed tanks, preventing its further spreading into the environment, The technology has been pre-validated and is up to 98% efficient in trials.

“This is one of the ways in which the port, with its infrastructure and specialists, can encourage the testing of new technologies, helping young scientists to develop and grow. If we achieve a successful result together, it will benefit both us as a port where, as in this case, the environment is cleaned, and young entrepreneurs, for whom we have become the first client - a partner. Now they can refer to us internationally promoting their idea globally”, said Viesturs Zeps, Chairman of the Freeport of Riga Board. “Such cooperation illustrates how the port can make a good contribution to the overall Latvian innovation ecosystem through its operation,” emphasized V. Zeps.

“The territory of Sarkandaugava has historically been used for storage and handling of oil products. Pollution by oil products in Sarkandaugava developed in the 1960-ies and 1970-ies of the 20th century, when the said territory was managed by the Soviet army,” commented Vilis Avotiņš, Head of the Environment Department of the Freeport of Riga Authority, addressing the topicality of the historically polluted site remediation. Port News / [Read more](#)

## UPCOMING WEBINARS

### EIGHT PHASE APPROACH TO HNS INCIDENT SCENE MANAGEMENT – A STRUCTURED APPROACH TO SAFELY RESOLVING HAZMAT INCIDENTS

**Tuesday 2 November, 10:00 AM (GMT) – Phase 5 – Implementing the tactical plan.**

Phase 5 - This phase is all about following the tactical plans that must now be in place. During this webinar, the panel will look at what factors the Hazmat Advisor must consider before making any final decisions. The panel will also consider the various other ways that the same incident can be brought to a successful conclusion. [More info](#)

### EXXONMOBIL OIL SPILL RESPONSE KNOWLEDGE TRANSFER WEBINARS 4 - 5

Please join us for the next webinars as follows:

**Webinar 4: November 2nd 2021;** Guest speaker – Ed Owens; Topic - What we really do on an oiled shoreline response

Mr. Ed Owens was seconded to the “Arrow” response operation in Nova Scotia in 1970, because he knew something about shorelines – although nothing about oil spills. He spent the next 10 years as a government and university research scientist trying to avoid oil spills. To no avail. So, eventually in 1979 he succumbed to the world of consultants and has been involved full time since then with preparedness, training, research, as well as responding to spills worldwide. His focus is on innovation for coastal oil spills and to continually improve shoreline response programs by adapting lessons learned to the decision process and operational practices. He pioneered aerial videotape mapping techniques in the early 1980s which evolved during the 1989 Prince William Sound response into the shoreline survey strategy today known as SCAT. Currently, among other things, he is actively evaluating the applications of canine detection dogs for shoreline and pipeline spills and the analysis of UAS (“drone”) imagery to support shoreline surveys.

**Webinar 5: December 7th 2021;** Round-table discussion of stories during spills by Alan Allen, Ann Hayward Walker, Stephen Lehmann, and Ed Owens

The ExxonMobil Oil Spill Response Knowledge Transfer Webinar series is a monthly webinar to allow highly experienced OSR experts to transfer their knowledge to attendees. The webinar series will provide a platform to communicate, transfer, and preserve OSR knowledge, and to share insights and perspectives from industry, academia, oil spill responders, and other oil spill response experts. The webinar series started on Tuesday, August 10 from 9 - 10 am Houston time and will continue every first Tuesday of the following months. We intend to continue the webinars indefinitely depending on response and our ability to schedule appropriate speakers. To receive the link and other joining info, please send an email to Lin Zhao at: [lin.zhao@exxonmobil.com](mailto:lin.zhao@exxonmobil.com).

Note that there is still room for more participants so feel free to forward this invite to others but ask that potential attendees RSVP Lin Zhao to get on the distribution list.

### PERSPECTIVES ON OPTIMISING REMEDIAL STRATEGIES FOR CONTAMINATED SITES

**Thursday Nov 11, 2021 12:00 PM - 1:00 PM AEDT**

Remedial strategies often evolve over time. Particularly at complex sites, remedial performance may not meet expectations and alternative technologies may be tried, with similar results. Millions of dollars and decades can be spent implementing and adjusting the remedial program. Stakeholders may lack consensus on a path to site closure. Taking a step back to re-assess conceptual site model (CSM) limitations and data gaps and identify where and why contaminants persist longer than expected can lead to insights for optimising the remedial approach and improving performance. This presentation will describe various tools and approaches used to interrogate areas with persistent contamination, how to capitalise on and communicate the extent of natural attenuation to stakeholders, and concepts for beginning a dialogue and developing a path to closure. Case studies will illustrate potential benefits of revisiting the CSM and remedy basis, as well as the process for developing a remedial strategy that provides a path to site closure, depending on the regulatory framework, stakeholder input, applicability of risk-based closure strategies, acceptable remedial timeframes, and impact on receptors

This presentation will be held as a live webinar. A unique access link will be sent to registrants on the morning of the event. If you are unable to attend on the day, the session will be recorded and available to view later. [Registration](#)

### SECONDARY CONTAINMENT – INSULATED COATINGS FOR ABOVE GROUND STORAGE TANKS

**Tuesday, November 16, 2021 Time: 11:00 a.m. EDT to Noon**

Corrosion Under Insulation is a growing and costly problem for operators of Above Ground Storage Tanks. In this webinar, we will discuss thermally insulative industrial coatings and their use for insulating and preventing Corrosion Under Insulation.

For more info visit <https://www.basicconcepts.com/upcoming-events/>

## UPCOMING WEBINARS (CONTINUED)

### WEBINARS FROM UK & IRELAND SPILL ASSOCIATION

Wednesday, 17 November 2021, 1500 BST Knowledge Base: Inland – Drill rig selection and safety [More info](#)

## TRAINING COURSES

### SOME USEFUL LINKS

- AUSTRALIA – AMOSC - <https://amosc.com.au/training/>
- AUSTRALIA & NEW ZEALAND – ALGA - <https://landandgroundwater.com>
- FRANCE - CEDRE - Click on these links [training catalogue](#) and [2021 calendar](#).
- UK & WORLDWIDE – OIL SPILL RESPONSE LTD. - <https://www.oilspillresponse.com/training/courses/>
- UK & WORLDWIDE – BRIGGS ENVIRONMENTAL SERVICES LTD. - <https://www.briggsmarine.com/services/training/>
- UK – NCEC HAZMAT ACADEMY – [More info](#)
- USA – TEXAS A&M UNIVERSITY – NATIONAL SPILL CONTROL SCHOOL - <http://nscs.tamucc.edu/schedule-2020-2021.html>
- USA – MPC, DETROIT - <https://marinepollutioncontrol.com/services/training-and-compliance>

If you would like to be listed here, please contact your editor – [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org)

### TUNISIA: IMO OPRC LEVEL 2 TRAINING COURSE

#### **THIS EVENT HAS BEEN POSTPONED – PLEASE NOTE UPDATED INFORMATION BELOW –**

Please be informed that following the new sanitary measures COVID 19 and particularly the new entry conditions to Tunisia; published on 24 October 2021 and which will enter into force on 27 October 2021, the Training Course on IMO OPRC Level 2 initially scheduled to be held from 09 to 11 November 2021 at Averroes Iberostar hotel; has been postponed a week, from 16 to 18 November 2021 at the Russelior Hotel in South Hammamet-Tunisia.

Please find below the new text of the invitation -

The Mediterranean Oil Industry Group (MOIG) and the Adriatic Training and Research Centre for Accidental Marine Pollution Preparedness and Response (ATRAC) are very pleased to invite you to IMO OPRC level 2 training course; which will be held from 16 to 18 November 2021 at The Russelior Hotel in South Hammamet-Tunisia.

The event will be open on Tuesday; 16 November 2021 at 09:00 am and expected to close on Thursday, 18 November 2021 at 13:15 pm. It will be animated by Mr. Vedran Martinic, ATRAC Director, Ms. Anja Pilepic and Mr. Marko Dordevic; Marine Environment Protection Associates.

The training course will be dedicated to Supervisors and On-Scene Commanders and its overall objective is to prepare them to coordinate and manage the response to an oil spill. The training course therefore aims at informing senior officials, designated to act as Supervisors/On-Scene Commanders during spill response operations, on the responsibilities of the members of an oil spill response organization; and on how to effectively respond to an oil spill through the deployment of equipment and resources at Regional or National levels.

The Training Programme is available on line for your reference. The working language will be English.

In order to enable MOIG to have all logistic arrangements made on time, it would be appreciated if you could have the online Registration Form completed and returned by Mail to [houcine.mejri@moig.org.tn](mailto:houcine.mejri@moig.org.tn) or by Fax at: +216 71 888 439 at your earliest convenience; preferably before 01 November 2021.

We would like to bring your kind attention that participants who wish to attend the training course shall be vaccinated against Corona Virus. In addition, MOIG and the Russelior Hotel will put in place the necessary preventive measures namely the respect of distancing, the port of masks and the use of hydro-alcoholic gel in the conference room, in order to ensure the maximum safety of participants. Whilst looking forward to meeting you in this training course, please do not hesitate to contact MOIG secretariat for any further information

## UPCOMING EVENTS

**TO VIEW UPCOMING EVENTS PLEASE CLICK ON <https://spillcontrol.org/upcoming-events/>**

To see ALL of the posted events you will need to click on “LOAD MORE” at the foot of the opened “upcoming events” page.

Event organisers are requested to notify ISCO immediately if a listed event is cancelled or postponed. Your Editor does his best to keep the listing up-to-date but it should not be assumed that listed events have not been cancelled or postponed. It is recommended that you check with event organisers before finalising your attendance plans.

Please advise the Editor if any of the entries require correction or updating. If you are holding an event you would like to be featured here, please send details to [John.mcmurtrie@spillcontrol.org](mailto:John.mcmurtrie@spillcontrol.org)

**Newly added events include – European Environment Day; Oil Container Fires; Clean Waterways 2022; HAZMAT 2022**

## MESSAGES FROM EVENT ORGANISERS

### ITAC-MPRI WORKSHOP 2021

This is a kind reminder that the ITAC-MPRI Workshop 2021 will be held virtually from 11 AM to 4 PM (EDT) on November 2-4, 2021. You are welcomed to register for this event at <https://sites.events.concordia.ca/sites/mpri/en/itac-mpri-workshop-2021/register>. During the days for workshop, you will be able to see the "Join Virtual Session" button on the website after login, which will be visible about 25 minutes prior to the scheduled start time. Attached please find the workshop agenda. If you have any questions, please feel free to contact us at [itac.mpri.workshop.2021@gmail.com](mailto:itac.mpri.workshop.2021@gmail.com)

We look forward to seeing you at the ITAC-MPRI Workshop 2021 on November 2-4!

### TUNISIA: POSTPONEMENT OF THE TRAINING COURSE ON IMO OPRC LEVEL 2

October 26 - Following the new sanitary measures COVID 19 and particularly the new entry conditions to Tunisia; published on 24 October 2021 and which will enter into force on 27 October 2021, the Management Committee decided to postpone a week the Training Course on IMO OPRC Level 2. The event will be held from 16 to 18 November 2021 at the Russelior Hotel in South Hammamet-Tunisia.

We would like to bring the attention of members and technical partners that the deadline registration was extended to 01 November 2021.

Please accept our apologies for this change which is beyond MOIG control.

### USA: THE CLEAN GULF CONFERENCE & EXHIBITION – NOV. 16-18, 2021

**Still need to register for CLEAN GULF?** If you have yet to register to attend the [CLEAN GULF Conference & Exhibition](#), now is the time! [Register](#) before you arrive at the Convention Center to save money and time. Rates for a conference pass increase by \$100 after 11/12/2021. For those already registered to attend, we look forward to seeing you next month at CLEAN GULF!

### 2021 EAST ASIAN SEAS CONGRESS UNVEILS LINE-UP OF ACTIVITIES FOR MAIN CONFERENCE

Preparations for the 2021 East Asian Seas (EAS) Congress are now in full swing as Partnerships in Environmental Management for the Seas of East Asia (PEMSEA), the Royal Government of Cambodia and the Ministry of Environment, Province of Preah Sihanouk, have unveiled the line-up of activities for this year's highly anticipated event. The 2021 EAS Congress, the seventh in a series of triennial ocean conferences, will be held on December 1-2 virtually, and onsite in Sihanoukville, Cambodia.

Themed "Charting a New Decade of H.O.P.E. (Healthy Oceans, People and Economies)," the EAS Congress aims to usher in better, stronger and smarter regional actions that are strategically aligned with the key principles and targets of the global ocean agenda. The event is open to a broad range of stakeholders, including national and local governments, the United Nations system, other intergovernmental organizations, bilateral and multi-lateral projects, international financial institutions, non-government and civil society organizations, academic institutions, the scientific community, and the private sector.

On December 1, Prime Minister Samdech Techo Hun Sen of the Royal Government of Cambodia will deliver the keynote address. He will be joined by Minister Say Samal of the Ministry of Environment and overall Chair of the EAS Congress 2021, and Governor Kuoch Chamroeun of the Provincial Administration of Preah Sihanouk, host of the PEMSEA Network of Local Governments. Mr. Arief Yuwono, EAS Partnership Council Chair, will be delivering remarks on behalf of PEMSEA. The conference will feature a plenary session focusing on the future of the coasts and ocean in the region with global experts such as: Dr. Andrew Hudson, Head, Water and Ocean Governance Programme, United Nations Development Programme (UNDP); Sir Danny Alexander, Vice President for Policy and Strategy, Asian Infrastructure Investment Bank (AIIB); and Dr. Gil Jacinto, Philippine National Focal Person for the International Oceanographic Commission. [Read more](#)

## CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

### INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

This is a subscription service. [Have a look to see examples of open tenders.](#)

### OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey, <https://clu-in.org/products/tins/> US EPA Tech Direct <https://clu-in.org/techdirect/> and USA Federal Contracts Update <https://clu-in.org/Federal-Contract-Opportunities> European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter. (Look in "Links for other publications" for the current issue of this publication)

## LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

TO VIEW LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS PLEASE CLICK ON

<https://spillcontrol.org/2021/10/19/links-for-downloading-and-reading-other-publications/>

As a service to its Members ISCO provides a listing of publications that may be of interest to our community. This page provides details and links for downloading more than 40 publications most of which can be accessed at no cost.

This page is frequently updated. ISCO depends on regular receipt of updated URL links for listed publications. If these are not received, relevant entries will be discontinued. Publishers are kindly requested to advise the editor [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org) if any links are not up-to-date. Readers wishing to recommend the addition of additional publications should contact the editor.

## HEALTH & SAFETY

### TELL ME A STORY; TOOLBOX TALKS WORK



A 2005 study by U.S. Centers for Disease Control and Prevention (CDC) and NIOSH researchers examined the impact of toolbox talks, particularly those that include a narrative element, on the knowledge gain experienced by workers who participated.

The toolbox talks were presented in one of two formats. The first involved a more general discussion of the particular concern, followed by a list of appropriate safety measures and illustrations of relevant safety equipment. The second format supplemented the content of the first format with a short narrative and questions asking workers whether they had been involved in such an incident, its consequences and how they could help prevent it at their current work site.

The study found that both methods facilitated learning among the participants. However, it also found that including a narrative with discussion questions increased the overall knowledge gain when compared to those who received the non-narrative toolbox talks.

In my opinion, these findings prove that (1) safety toolbox talks enhance safety training effectiveness whether they are stand alone or incorporated into training classes, and (2) relevant to the point stories incorporated into training, including tool box talks, help retain the learning.

What you can do - Establish safety tool box talks at work. Use them to supplement regular training, to address special issues, and to share lessons learned and incident investigations learnings. Use short relevant stories in formal training and toolbox talks to enhance safety training effectiveness. Include discussion and questions to enhance understanding.

Thanks to PC at 101 Group <https://hazmat101.wordpress.com/2021/09/28/tell-me-a-story-toolbox-talks-work/>

## INCIDENT REPORTS

### CANADA: ZIM KINGSTON ON FIRE OFF VICTORIA, BC AFTER LOSING CONTAINERS IN HEAVY SEAS



*Image via US Coast Guard*

October 23 - The containership ZIM Kingston is currently battling a cargo fire after the ship lost 40 containers in heavy seas west of the United States-Canadian border. The ship is currently at anchor in the Straits of Juan de Fuca.

The U.S. Coast Guard reported Friday that it was monitoring several adrift containers observed about 43 miles west of the Straits of Juan de Fuca entrance after they were lost from an inbound vessel when it listed in heavy seas. An update said as many as 35 containers had been observed floating and are being monitored as they drifted to the north. gCaptain / [Read more](#)

## INCIDENT REPORTS (CONTINUED)

UPDATES –

**Oct 24** 10 Abandon Zim Kingston But Firefighting Efforts Continue [gCaptain](#)

**Oct 25** ZIM Kingston Cargo Fire Stabilized and Ship Held Overnight, Canadian Coast Guard Says [gCaptain](#)

**Oct 27** Number of Boxes Lost from ZIM Kingston Increases to Over 100 as Fire Reported Under Control [gCaptain](#)

**Oct 27** Lost Containers From Zim Kingston Wash Up in Remote Wilderness Area [The Maritime Executive](#)

### IRELAND: FIRE CREWS DEAL WITH CHEMICAL INCIDENT IN CLARE

October 24 - Emergency services have dealt with a chemical incident close to a popular beach in Co Clare this afternoon. Clare County Fire and Rescue Service and Gardaí were alerted at around 1.30pm today following a report that a drum had washed onto rocks at White Strand near Miltown Malbay.

On arrival, fire crews carried out an assessment of the scene and confirmed that a 40-gallon container had washed onto the rocks about 300 metres from the beach and close to a popular walking path. The Clare Herald / [Read more](#)

### FRANCE: OIL POLLUTION ALERT IN THE EASTERN BASIN OF THE PORT OF HONFLEUR

October 27 - A team of depollution specialists and two teams of aquatic rescuers of the firefighters intervened in Honfleur (Calvados). They confirm the presence of several oil slicks present on about 2,000 m<sup>2</sup>. On site a dozen firefighters from the rescue centers of Honfleur, Touques and Lisieux are present to facilitate the intervention of the captaincy. Actu / [Read more](#)

### AUSTRALIA: PUBLIC HELP SOUGHT TO IDENTIFY SOURCE OF OIL SPILL

October 28 - Pollution investigators are asking for public help to identify the source of an oil spill in Herdsman Lake. The spill is believed to be a large quantity of cooking oil.

The Department of Water and Environmental Regulation's Pollution Response Unit is leading the investigation, working with the City of Stirling, Water Corporation, Department of Biodiversity, Conservation and Attractions (DBCA) and the Western Australian Seabird Rescue group (WASR). The spill is impacting wildlife, with a number of pelicans cleaned and released by WASR. DBCA is assessing the impact on other wildlife.

Water Corporation is containing the spill with a floating boom and City of Stirling inspectors are tracing the spill's path to try to discover its source.

## AND NOW FOR A DASH OF HUMOUR ...

**Members and readers are invited to send contributions to the Editor. We could all be doing with something to cheer us up.**

Scientists at Rolls Royce built a gun specifically to launch dead chickens at the windshields of airliners, and military jets, all traveling at maximum velocity.

The idea was to simulate the frequent incidents of collisions with airborne fowl to test the strength of the windshields.

American engineers heard about the gun and were eager to test it on the windshields of their new high speed trains. Arrangements were made, and a gun was sent to the American engineers.

When the gun was fired, the engineers stood shocked as the chicken hurled out of the barrel, crashed into the shatterproof shield, smashed it to smithereens, blasted through the control console, snapped the engineer's back-rest in two and embedded itself in the back wall of the cabin, like an arrow shot from a bow.

The horrified Yanks sent Rolls Royce the disastrous results of the experiment, along with the designs of the windshield and begged the British scientists for suggestions.

Rolls Royce responded with a one-line memo:

"Defrost the chicken."

(With thanks to Paul Dixon, relayed by Sandra Speares of the Maritime Advocate)

## TEN GOOD REASONS WHY YOU SHOULD BE A MEMBER OF ISCO

Even when budgets are tight, you can fully justify the cost of ISCO membership

- 1. INDUSTRY RECOGNITION** - Be recognised as a member of a worldwide community of professionals who share a common interest.
- 2. EXPOSURE ON ISCO DIRECTORY** - Corporate Members enjoy FREE Listing in ISCO's International Directory of Spill Response Contractors, Equipment Suppliers, Training Providers, and Consultancy Services. All your information displayed and one click access to your website. It's a great search facility for potential customers.
- 3. RECEIVE REQUESTS FOR EMERGENCY PROVISION** - Corporate Members receive requests for emergency provision of resources for spill response support. The Emergency Assistance facility is there for government agencies, oil companies and response organizations - not only for rapid sourcing of additional resources in large spill events, it can be used to help find specialised equipment not often available in response inventories, people with specialised experience and know-how, etc. Contractors can use the facility to supplement their own internally available resources.
- 4. ISCO INITIATIVES - CONTRACTUAL ARRANGEMENTS, ETC** - Benefit from ISCO initiatives that are of practical value to Members – for example, the free and widely used RESPONSECON contracts that you can use - speeding up contractual arrangements for mobilisation of spill response resources, with positive implications for protecting your cash flow.
- 5. PR, PUBLICITY AND ANNOUNCING NEW PRODUCTS AND SERVICES** - Free publicity – News from ISCO Members - Announce your new products and services developments in the weekly ISCO Newsletter – reaching out to a highly targeted customer audience in over 50 countries. Corporate Members of ISCO can submit news about new products and services in the “News from ISCO Members” section of the ISCO Newsletter. It's a cost-effective way to promote your company. Disseminating news about new technical developments is of value to our community. Corporate Members are invited to contribute articles.
- 6. EXHIBITIONS AND CONFERENCES** - Benefit from negotiated discounts in attending conferences and exhibitions – the savings can significantly offset the cost of maintaining your membership.

Promoting ISCO and your company on your exhibition booth.

While collecting ISCO Membership Placards at the end of the IOSC exhibition (for later re-issue at other events) a member exclaimed “Oh no, we would like to keep it and put it on our booth at other shows”. Displaying the ISCO Membership Placard on your booth indicates your support of an organization dedicated to improving worldwide co-operation and preparedness.

- 7. ENHANCE RESPONSE KNOWLEDGE OF YOUR STAFF** - To enhance response knowledge of your staff - Freely downloadable technical articles, response guidelines and loads of other useful reference information available in the Members' Area of the ISCO website.
  - 8. CURATED NEWS ON ISCO NEWSLETTER** - The ISCO Newsletter keeps you up-to-date on events, developing technologies, new legislation and other matters of mutual interest. This will save many hours a week of scanning, browsing and searching for all the news that matters and puts it in your inbox every week.
  - 9. OPPORTUNITY FOR LOBBYING FOR LEGISLATIVE CHANGE** - Through ISCO, Members have a voice in the drafting of new legislation that will affect their areas of interest. We introduce new initiatives at IMO and give our support to other delegates advancing developments that will be of benefit for improvement of response effectiveness.
- ISCO provides an interface with National and International Government Agencies, Industry, the Scientific Community, R&D Establishments and Academia, actively supporting new developments that will be of benefit to our Members.
- 10. USE OF ISCO LOGO IN PROMOTIONAL MATERIAL** - Members have the right to display the ISCO logo on their headed notepaper, brochures, business cards, etc. to denote that they are part of an international organisation dedicated to improving worldwide co-operation and preparedness.

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