

## 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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## INTERNATIONAL NEWS

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# SPILLCON

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## THE MEDITERRANEAN ASSISTANCE UNIT: 25 YEARS OF IMMEDIATE ASSISTANCE TO RESPOND TO OIL AND CHEMICAL SPILLS IN THE MEDITERRANEAN SEA

On 15 October 2018, the Mediterranean Assistance Unit (MAU) celebrates its 25th anniversary.

For a quarter of a century, MAU has provided immediate expert assistance at no cost for the Mediterranean coastal States to respond to oil and chemical spills at sea.

October 12 - The MAU was established by decision of the Contracting Parties to the Barcelona Convention<sup>1</sup>, within the framework of the Emergency Protocol<sup>2</sup>. The primary objective of the MAU is to rapidly provide onsite and remote services of selected experts

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## INTERNATIONAL NEWS (CONTINUED)

to a Contracting Party which, in case of emergency, request such assistance. The MAU experts can provide advice and technical expertise to the authorities to decide on the combating measures to take and on the assistance that could be necessary to request.

**Main interventions following oil spills incidents** - The MAU has been activated in many occasions to support oil spills incidents, including the 1994 Nassia incident which released of 95,000 tonnes of crude oil in the Bosphorus strait; the 2006 Jiyeh Power Plant - 15,000 tonnes heavy fuel oil spill impacting the Lebanese and Syrian coastline, the grounding of the Costa Concordia, in Italy, in 2012, the 2014 Evrona oil spill which resulted in 5-million liters of crude oil gushing from the pipeline, in Israel and more recently the sinking of the Agia Zoni II, in Greece in 2017.

**How does it work?** The MAU can be mobilized by the Head of Office of REMPEC (the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea), upon request of a Mediterranean coastal State. REMPEC is one of the 6 Regional Activity Centers of the Mediterranean Action Plan.

The MAU is composed of selected highly qualified experts and centres of expertise providing expert advisory service including crisis management and organization of intervention; analysis, assessment and forecasting of oil and chemical slick behaviour, fate and movement; combating methods and techniques at sea and onshore; treatment and disposal of wastes, financial documentation and claims for compensation; etc.

To facilitate the mobilization of MAU experts and reduce burdens from Mediterranean coastal States, a MAU special fund managed by REMPEC has been established in the framework of the Barcelona Convention to secure the funds required to mobilise an expert to cover up to a one month mission.



Jiyeh Power Plant (2006) ©REMPEC (2012)



The Nassia after the fire (1994) ©Cedre



Wreck of the Costa Concordia (2012)  
© Ministero dell'ambiente



AGiaZoni II (2017) ©MAU Experts



Evrona Oil Spill (2014) ©Roy Talbi

To expediate MAU mobilisation procedures within hours from the country request, standard forms have been set-up to activate the MAU, and agreements have been signed with the following institutions:

- [Centre of Documentation, Research and Experimentation on Accidental Water Pollution \(CEDRE\)](#),
- [Italian Federation of the chemical industry \(FEDERCHIMICA\)](#),
- [Italian Institute for Environmental Protection and Research \(ISPRA\)](#),
- [SEA ALARM FOUNDATION](#); and
- [Mediterranean Operational Network for the Global Ocean Observing System \(MONGOOS\)](#).

**Way forward** - The MAU looks forward to the future with confidence and optimism in order to meet the expectations of the Contracting Parties by developing its areas of expertise. REMPEC is working on the expansion of its membership to relevant specialised institutions, the upgrade of communication and reporting procedures through an online Mediterranean Emergency Reporting System (MedERSys) under development and explores with partners innovative ways to continue supporting efficiently Mediterranean coastal States.  
[www.rempec.org](http://www.rempec.org)



## BRAEMAR RESPONSE – A CHANGE OF NAME AND OWNER

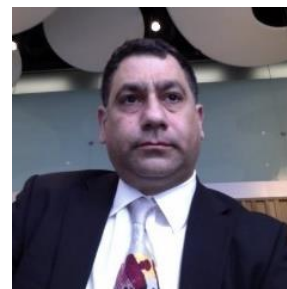
October 12 – One of the world’s leading pollution response organisations has a new owner and a new name – Ambipar Response Ltd.

In a press release issued today Zal Rustom (formerly Braemar’s Head of Response and now CEO of Ambipar Response Ltd.) wrote “We are very pleased to announce that Ambipar Group has acquired Braemar Response. We are now Ambipar Response Limited.

It’s an exciting time for us, the purchase brings many advantages to you, our current customers and members. Ambipar Group has a significant global response capability and is regarded as a world leader in response to a range of emergencies including oil spills, chemical incidents and fires. This is an excellent strategic fit for both companies.

Our complementary capabilities allow us to share best practices and knowledge. Together we have a wealth of experience and resources, and through Ambipar’s support, plan to increase our global presence in line with the expectations of our global customers and members.

Ambipar Group, founded in 1929 and headquartered in Nova Odessa, Brazil, offers complete and integrated environmental solutions employing more than 3,000 people. Comprised of seven companies it leverages its capabilities in logistics, onshore and offshore emergency response, residue management and product development offering services to more than 2,000 clients. Among the Group Companies is Suatrans, a Latin American leader in hazmat emergency response, with a track record of more than 30,000 emergencies responded and 100,000 people trained”. <http://www.grupoambipar.com.br/>



## INDIA, FINLAND TO WORK CLOSELY FOR ENVIRONMENT CONSERVATION

October 10 - The [Union Cabinet](#) on Wednesday approved a Memorandum of Cooperation (MoC) with [Finland](#) to facilitate closer and long-term cooperation in the field of [environment](#) protection and management of natural resources.

"The MoC is expected to bring in the latest technologies and best practices suited for bringing about better [environment](#) protection, better conservation, and better management of climate change and wildlife protection/conservation," an official release said. Business Standard / [Read more](#)

## IEA: OCEAN PLASTIC WASTE MAY DOUBLE BY 2030



*Photo: Plastic waste in Manila Bay (file image courtesy Daniel Muller / Greenpeace)*

October 5 - In a market analysis released Friday, the International Energy Agency predicts that the petchem industry will create almost half the growth in world oil demand between 2018 and 2050, adding nearly seven million barrels of consumption per day. Plastics are the primary constituent of this demand growth, thanks in large part to exploding consumption in developing nations - and this has serious implications for the ocean environment.

According to the IEA, about 80 percent of the plastic in the ocean derives from land-based sources, and more than 40 percent comes from five Asian countries: China, Indonesia, the Philippines, Thailand, and Vietnam. With demand for plastics in developing nations accelerating, this means that the accumulation of ocean plastics will also pick up pace, IEA warns.

"If no action is taken, the current rate of plastic waste leakage [into the ocean] is likely to result in more than a doubling of cumulative plastic waste in the oceans by 2030, and a continuing rise thereafter. This is a starkly unacceptable feature of the [baseline scenario]," IEA's analysts wrote. "Without ambitious action being taken globally, particularly in regions in which plastic demand is growing rapidly, current trends of plastic leakage are unlikely even to slow, let alone reverse." The Maritime Executive / [Read more](#)

## ITOPF PRESENTS AT THE AMOP TECHNICAL SEMINAR

October 11 - Julke Brandt gave a presentation on recent case studies at the 41st AMOP Technical Seminar on Environmental Contamination and Response which took place from 2nd to 4th October 2018 in Victoria, Canada. The Seminar, organised by the Emergencies Science and Technology section of Environment and Climate Change Canada, attracted around 150 delegates and provided an excellent opportunity to learn about recent developments in the field and to connect with representatives from government, industry and academia. <http://www.itopf.org/>

## **USA: FLORIDA - FISHING BOAT RUNS AGROUND AND SPILLS DIESEL FUEL OFF KEY WEST**



October 2 - The U.S. Coast Guard responded to a diesel fuel spill from a fishing boat about seven miles off Key West on Tuesday, Oct. 2, 2018. The boat was carrying 2,000 gallons of diesel but it was unclear Tuesday afternoon how much spilled into the water. United States Coast Guard.

Coast Guard Key West received the report of the vessel, the San Diego, at about 8:46 a.m. and launched a 45-foot-long response boat to the jetty in the Northwest Channel, according to a press release. Miami Herald / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

## **USA: RHODE ISLAND - TANKER ROLLS, SPILLS GAS INTO PROVIDENCE RIVER**

October 4 - A tanker truck carrying more than 11,000 gallons of gasoline rolled over on the ramp from Allens Avenue to Route 95 north at about 7:10 p.m. Wednesday, sending gasoline gushing down the ramp and into the Providence River. The Providence Fire Department was working to contain the spill. Providence Journal / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

## **UK: DIESEL FUEL SPILLED INTO THAMES RIVER**

October 5 - Crews had to clean up a small amount of diesel fuel that spilled into the Thames River, southeast of Blackfriars Bridge on Friday. The fuel came from a garbage truck and entered the storm sewer system with a limited portion reaching the river. City officials said Friday afternoon that the spill has been contained and there are no health risks to the public. A spill response contractor and the city's sewer operations team were called to the site to remove the diesel fuel. Blackburn News / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

## **FRANCE – CARGO SHIPS COLLIDE NEAR CORSICA CAUSING OIL SPILL**

October 7 - The Ulysse, ro-ro-cargo ship operated by the Tunisian operator CTN, struck the Cyprus-based container ship CLS Virginia near the French Mediterranean island of Corsica early Sunday, causing no injuries but causing a 4-kilometer (2.4 mile) fuel spill in the Mediterranean Sea. According to a statement from the regional French maritime authority the collision smashed a hole of several meters (yards) long in the hull of one of the ships, causing the spill.

AP reported that the spill created a trail of pollution nearly 2 and a half miles long and several hundred yards wide, heading away from Corsica to the northwest, toward the French and Italian mainland. Marine Link / [Read more](#) [Thanks to ISCO Secretary, Matthew Sommerville]



### **October 8 - Photos: Oil Spills after Tunisian Ferry T-Bones Anchored Containership in Mediterranean**

Authorities in France and Italy are responding to a major oil slick after a ferry collided with an anchored containership in the Mediterranean Sea off the island of Corsica.

gCaptain / [Read more](#) [Thanks to ISCO Secretary, Matthew Sommerville]

### **October 9 - Response Continues for Mediterranean Ship Collision as Oil Slick Grows**

European authorities are continuing to respond to an oil spill after a ferry collided with an anchored containership off the coast of Corsica on Sunday morning. France's Maritime Prefect reported Tuesday that the oil pollution now covers more than 15 miles (25km) and is broken up into 7 sections. Weather in the area is reported as calm, with waves to 1.25 meters and winds to the west at an average of 20 km/hour. gCaptain / [Read more](#)

### **October 10 - EMSA pollution response measures mobilised following collision in the Mediterranean**

EMSA is assisting French and Italian authorities as they engage in clean-up operations following a collision between Tunisian ro-ro vessel Ulysse and Cypriot general cargo ship CSL Virginia in the Mediterranean, some 28 km north of Corsica, on 7 October. EMSA's oil spill response vessel Brezzamare arrived on site on the morning of 9 October and has joined the response operations to handle the ensuing oil slick which is reported to be some 50 km long.

Brezzamare is one of 18 standby oil spill response vessels operating for EMSA around European waters and was requested by the French authorities on 8 October to assist in the ongoing clean-up operations. The ship which now comes under French command is well equipped to recover oil with a storage capacity of more than 3 000 cubic meters. EMSA / [Read more](#)

### October 11 - Update: First Attempt to Separate Collided Ships Fails

The first attempt to pull apart the Tunisian Ro-Ro ship Ulysses from the hull of Cyprus-flagged containership CLS Virginia was unsuccessful, the Maritime Prefecture of the Channel and the Mediterranean said in an update. The two ships have been stuck in the same position since Ulysses rammed into the anchored boxship some 28 kilometres north-west of Cape Corsica three days ago.

Since Sunday morning, the activities on cleaning the spill have been underway. As informed, the pollution currently covers an area of 25 km divided into 7 discontinuous sections.

Assistance is also being rendered under the Ramogepol accord between France, Italy and Monaco on joint action in cases of maritime pollution. There are seven Franco-Italian anti-pollution ships at the scene responding to the spill. World Maritime News / [Read more](#)

### October 11 - Ro-Ro Ulyse separated from CSL Virginia after collision in Mediterranean

The Tunisian roll-on/roll-off ferry Ulyse has separated from the containership CSL Virginia after the two collided Sunday in the Mediterranean Sea off Corsica. French officials said Thursday the ships separated at about 9:30 p.m. due to the combination of wave action and previous attempts to release the vessels.

Officials on Thursday said boom remains in place around the CSL Virginia. gCaptain / [Read more](#)

## MEXICO: VERACRUZ SPILL: 300 EVACUATED, THOUSANDS OF ANIMALS DEAD, COATZACOALCOS RIVER THREATENED

October 7 - An oil spill in southern Veracruz that forced the evacuation of 300 people is estimated to have killed thousands of birds, fish and other animals, leaving a fishing community wondering how they will live.

Residents of Nanchital blame Pemex and Pemex blames vandals for causing a pipeline spill that has affected a seven-kilometer stretch of the Tepeyac creek and now threatens the Coatzacoalcos river, into which the Tepeyac flows.

The mayor of Nanchital estimates it will take months to clean up the effects of the spill, and fears community wells will become polluted. Mexico News Daily / [Read more](#)

## BANGLADESH: OIL SPILL THREATENS MEGHNA; UNHEEDED FOR 5 DAYS

*Photo: Oil along the banks of Meghna river in Raghuchar village, Gazaria, Munshiganj. Photo: Farhana Mirza*

October 9 - A tanker capsized in Meghna last Friday, spilling unrefined petroleum in the river but no steps were taken so far to prevent the oil from spreading any further. The oil tanker of privately-owned Bengal Electronics Limited capsized in the river during a storm five days back, reports our Munshiganj correspondent.

The oil refinery of the company is yet to take any steps in this regard, although it is located beside Raghuchar village on the banks of Meghna, where the oil was spotted as well.

Meanwhile, Managing Director of Bengal Electronics Ltd Md Salamat Ullah acknowledged the incident and claimed "there was very little oil in the tanker". However, locals say the tanker was fully laden when the spill occurred. The Daily Star / [Read more](#)



## NEWS REPORTS FROM AROUND THE WORLD (COUNTRIES LISTED IN ALPHABETICAL ORDER)

### GUATEMALA JOINS THE CLEAN SEAS CAMPAIGN AND STEPS UP EFFORTS TO BEAT PLASTIC POLLUTION

October 11 - Guatemala joined the Clean Seas campaign – led by UN Environment – to reduce plastic pollution in the oceans, Minister of Environment and Natural Resources of Guatemala, Alfonso Alonzo announced today.

The announcement was made on the sidelines of the XXI Meeting of the Forum of Ministers of Environment of Latin America and the Caribbean, which took place in Buenos Aires, 9 -12 October. "Guatemala is actively fighting plastic pollution through innovation and community participation. We want to invite all the countries in the region and in the world to join these efforts to preserve healthy oceans for future generations", said Minister Alonzo. UN Environment / [Read more](#)



## ITALY: CHEMICAL SPILLS PUT UNDERGROUND PHYSICS LAB IN JEOPARDY



*Photo: Gran Sasso National Laboratory sits within a mountain aquifer that feeds water to a local aqueduct. ALASTAIR PHILIP WIPER/Science Source*

October 9 - Scientists fear for the future of Gran Sasso National Laboratory, a world-leading underground physics lab in central Italy, after prosecutors charged four lab leaders with endangering drinking water supplies. Sparked by a number of accidental spills that released small amounts of toxic chemicals into groundwater feeding a local aqueduct, the 28 September legal action could lead to at least two major Gran Sasso experiments being shut down.

Gianpaolo Bellini, a particle physicist at the University of Milan in Italy and a former spokesperson for Borexino, one of the lab experiments in jeopardy, says fears of contamination are “groundless.” But he says the lab itself is in a “very delicate situation.” He worries that research groups, particularly from abroad, might be put off by the possibility of legal action and delays to their work. “This [investigation] damages the reputation of the lab,” he says. “People will be more cautious about coming and therefore more cautious about investing their money.” *Science Magazine* / [Read more](#)

## KAZAKHSTAN: KASHAGAN TEAM STAGE OIL SPILL RESPONSE EXERCISE

*Photo courtesy North Caspian Operating Co.*

October 8 - **North Caspian Operating Co.** (NCOC), the North Caspian project operator responsible for the shallow-water **Kashagan field development**, has conducted the ‘Altyn Kyran’ Tier 3 oil spill desktop exercise with Shell, ExxonMobil, and various Kazakh state authorities.

The program took place over three days and was designed to simulate realistic conditions. It brought together 180 personnel from SMEs, numerous departments of NCOC, and representatives from Shell and ExxonMobil. It was designed to test the efficiency of the workforce and interaction of resources to respond to the most challenging Tier 3 oil spill, and involved mobilization of the Southampton, UK-based International Oil Spill Response Contracting Organization. *Offshore Magazine* / [Read more](#)



## MALTA: ADMIRAL THAD ALLEN TO SPEAK AT INTERNATIONAL FIRE & EXPLOSION HAZARD MANAGEMENT CONFERENCE



Thad Allen retired from the Coast Guard in 2010 as the 23rd Commandant. He currently serves as Senior Executive Advisor at Booz Allen Hamilton where he supports government and commercial clients in cyber security, energy and the environment, navigation systems, emergency response, and crisis leadership. He is a nationally recognized expert in disaster response and an advisor to government leaders. He was the lead federal official for the responses to Hurricanes Katrina and Rita and the Deepwater Horizon Oil Spill.

He will be speaking at the International Fire & Explosion Hazard Management Conference taking place in Malta on 29 - 30 October, 2018. [See more in the October 2018 issue of The Catalyst](#)

## NIGERIA: HYPREP SET TO TRAIN Ogoni WOMEN, YOUTH

October 8 - In a bid to restore the livelihoods of people affected by oil pollution in Ogoni- land in Rivers State, the Hydrocarbon Pollution Remediation Project (HYPREP) has assured that it would soon commence the training of women and youths in impacted communities in the area.

The Project Coordinator of HYPREP, Dr Marvin Dekil, who gave the assurance during a sensitisation programme at the palaces of some traditional rulers in Ogoniland last Thursday said the Federal Government had given the agency the approval and mandate to provide skills to women and youths of the area.

Dekil further indicated that as a way of restoring the livelihoods of Ogoni people, HYPREP had outlined strategies of carrying out skills acquisition programmes in impacted communities in Ogoniland, which he said would ultimately benefit the people, and solicited the support and cooperation of the traditional rulers in this regard. *The Tide* / [Read more](#)

### USA: ALLIANT AND NAVIGATORS INSURANCE RELAUNCH ENVIRONMENTAL COVER



October 7 - The U.S. District Court for the Southern District of New York recently reached a decision in the MSC Flaminia matter finding that only the cargo manufacturer and container company bore responsibility for the casualty that resulted from a cargo hold fire.

As environmental law around the globe continues to evolve and expand in scope, many countries are paying particular attention to the U.S. model which provides a funding scheme for cleanup and damages on a joint and several basis.

This should cause the shipping community to reconsider its insurance options, says Christopher Alviggi of Alliant Insurance Services. The company, along with Navigators Insurance is reintroducing cover

which protects commodity owners/traders/buyers/sellers/arrangers from direct and indirect environmental liabilities which result from pollution releases whilst goods are making their way along the chain of commerce.

The policy complements the assured's liability insurance policies and supplements deficiencies of its counterparty's insurance programs. It provides affirmative coverage for environmental liabilities including obligations to indemnify third parties and resulting legal defense expense which result from sudden, accidental, gradual or otherwise unexplainable pollution releases. The policy does not need a defined event in order to respond, much like standard third party liability policies.

Unintentional (or intentional) mishaps can result in catastrophic events. This was the case in the 2012 explosion of the MSC Flaminia, and the ever-changing technology and cyber landscape of shipping is adding another layer of complexity to the shipping environment. The Maritime Executive / [Read more](#)

## PEOPLE IN THE NEWS

### NEW STAFF JOINING ITOPF



October 9 – ITOPF has recently welcomed three new members of staff to the team.

In September we were joined by Natalie Boyle as HR and Pensions Administrator and Afshan Prisaca as Team Secretary.

Natalie is covering Claire Keogh's maternity leave and has a degree in Business Administration and three years' experience working in HR.

Afshan will be providing administrative and secretarial support to the technical and wider team. She studied business administration and has previously worked in health care and the public sector.

In October, Sam Durrance joined as a Technical Adviser. He holds a BSc in Marine Biology and an MSc in International Marine Environmental Consultancy and previously worked for a fisheries resource management consultancy.

Pictured left to right Natalie Boyle, Afshan Prisaca, Sam Durrance <http://www.itopf.org/>

## NEWS FROM ISCO MEMBERS

### LAMOR IS NOW A MEMBER OF MOIG

September 27 – The Mediterranean Oil Industry Group (MOIG) has welcomed Lamor as a new member.

Lamor is committed to oil spill response (OSR), recovery and clean-up operations worldwide. Lamor provides expertise coupled with solutions that protect the environment and our ecosystems. Its in-depth knowledge and investment in technologically advanced oil spill response equipment has a proven track record. Its patented and certified solutions guarantee reliable and efficient oil spill recovery operations in any environment. Members of the Lamor Response Team (LRT) have acted as on-scene commanders at numerous oil spill incidents and the LRT has extensive managerial knowledge and expertise of oil spill accidents in various environments and weather conditions such as offshore, on land, Arctic and desert climates. <https://lamor.com/>

MOIG was initiated by the International Petroleum Industry Environmental Conservation Association (IPIECA), following a joint Oil Spill Preparedness and Response Seminar organized by the International Maritime Organization (IMO) and IPIECA in Cairo in 1992,

## NEWS FROM ISCO MEMBERS (CONTINUED)

where a commitment was made to set up an industry network in the Mediterranean region. The first meeting took place in Rome in 1995. The Permanent Secretariat is currently based in Tunisia following an ETAP Headquarter Agreement signed by both ETAP and IPIECA. MOIG serves as a Regional Oil Industry Forum on Oil Spill Prevention, Preparedness and Response for the Mediterranean Region to ensure Industry Co-ordination in the event of an Oil Spill in the Mediterranean Sea. <http://www.moig.org/>

## CONTRIBUTED ARTICLE

### DOCUMENTING DECADES IN OIL SPILL CONTROL: MINIBYTES # 1



THIS IS THE FIRST IN A SERIES OF SHORT ARTICLES BY ALAN A. ALLEN

Allan A. Allen has over five decades of experience as a technical advisor and field supervisor involving hundreds of oil spills around the world. Al is recognised as a leading consultant and trainer involving oil spill surveillance and spotting techniques, the application of chemical dispersants, and the containment, recovery and/or combustion of spilled oil under arctic and sub-arctic conditions.

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### “Minibytes by Al Allen” – Introduction

Kilobytes, megabytes, gigabytes..., terms used in the world of computers involving information storage or system memory. If a byte is described as 8 Bits (a “Bit” being the smallest unit of information a computer uses), then it seems reasonable that a “minibyte” could be an expression of a small amount (a little bit) of information. As I complete this, my 80th year on earth, some of my most trusted friends have suggested that I document and share some of the experiences, observations and lessons that I am still able to access in my own mental hard drive. Many of these bits of information stem from the past 50 years training in oil spill prevention and control, and working on spills under a broad range of conditions around the globe.

One of the most significant facts about oil spill control, involving “oil encounter rate”, also has relevance with my decision to start sharing some of my experiences via written Minibytes. In both cases, the key word is access. If there is to be success in controlling oil spills by any response method (skimming, burning or treating with dispersants), one must appreciate that you cannot recover, burn or disperse any more oil than that which can be accessed. While seemingly such a simple and obvious fact, it is only through a careful study and thorough understanding of the details of this point that spill responders begin to appreciate and benefit from its meaning. Likewise, if the sharing of lessons from my own 50-year career is shared only with family and friends during retirement, then the potential of any bits of wisdom will have been lost. I am thankful, therefore, that the Elastec Corporation in Carmi, Illinois has encouraged me to document my observations as a blog on their website. The “encounter rate” for sharing information, bit-by-bit, will have been improved significantly through such access.

In my next exchange, I plan to expand upon the profound importance of “encounter rate”, especially as it relates to success in planning and implementing effective oil spill response for any spill situation and the resources needed to get the job done right. It is not an understatement when I say that this topic of access, whether it involves information or oil, leads to some of the most significant lessons I’ve learned and used throughout my career as an oil spill specialist.

TO BE CONTINUED

## TECHNICAL SUPPORT

### NEW TOOLS FOR CHEMICAL DATA – OSHA OCCUPATIONAL CHEMICALS DATABASE

October 8 - This chemical inventory is OSHA's premier one-stop shop for occupational chemical information. It compiles information from several government agencies and organizations. Information available on the pages includes:

- Chemical identification and physical properties
- Exposure limits
- Sampling information, and
- Additional resources.

This is a really useful and easily searchable database. Download at <https://www.osha.gov/chemicaldata/>  
[Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

### REFINING OIL SPILL DETECTION

October 9 - Remote sensing techniques present the opportunity to monitor environmental risks posed by oil pollution. Distinguishing oil slicks from lookalikes continues to be a complex issue surrounding oil spill detection.

The study highlights how the combination SAR and ORS can be used to overcome the drawbacks of both technique's individual



limitations when used in isolation. While specific to the Caspian Sea, the conclusions also illustrate how remote sensing data can be used to quantitatively assess the risk of oil slicks and spills to shoreline areas of high environmental value.

Read the complete article at <https://www.imarest.org/policy-news/technical-leadership/item/4494-refining-oil-spill-detection>  
[Thanks to IMarEST]

## NEW PRODUCTS & SERVICES

### KOSEQ - COMPACT 2.5 - A NEW SWEEPING ARM MODEL



October 12 – Koseq has developed a new compact sweeping arm model for cleaning up oils spill on inland waters.

This new sweeping arm has a length of 2.5 meters and a weight of 200 kg. This new model of compact sweeping arm is just like the others, but shorter and lighter, therefore perfectly suited to be used by smaller vessels. The unique size and weight makes it very easy to handle.

Koseq's unique trademark of quality is seen in this sweeping arm, since all the properties of a sweeping arm are in the compact 2.5. Pumping capacity of 150 cubic meters per hour, aluminum-made base and a sweeping speed of 2-3 knots. The complete system is executed mechanical / hydraulic without vulnerable electrical components. Optionally the system can be executed with a brush, disk or drum skimmer.

This new model has been created thinking about the needs of cleaning small spills, such as oil spilled in harbors and ports.

If you have any technical questions or enquiries about our new model, please call Tom Achterberg (+31620723205) or email [ta@koseq.com](mailto:ta@koseq.com) For commercial enquiries, please call David Tenwolde (+31651562529) or email [dt@koseq.com](mailto:dt@koseq.com)

## PUBLICATIONS

### AMSA - DANGEROUS, HAZARDOUS AND HARMFUL CARGOES HANDBOOK NOW AVAILABLE

The handbook provides theoretical and practical guidance on the rules to shipping dangerous goods by sea. It also outlines the responsibilities of shore and ship based personnel and how these requirements may be enforced through port State control inspections or by action of the 'competent authority'.

The development of dangerous goods transport codes has been driven by the need for a safe transport chain designed to protect the safety of those involved, the general public and the environment.

The handbook is available to purchase for A\$20 (plus GST and postage) or for orders of 100 or more A\$15 each (plus GST and postage). Read more about the latest version of the [Dangerous, hazardous and harmful cargoes handbook](#).

### THE WATER POLLUTION PREVENTION HANDBOOK BY DAVID COLE MSEE

My name is David Cole and I have devoted my career to designing practical solutions that prevent industrial pollution spills. I am passionate about protecting the environment. I invented my first containment valve back in the 1990s while working as a maintenance engineer with the Ford Motor Company. The simple retrofit concept of Envirovalve® was designed to permanently place a deflated airbag in the drain so that in the event of a spill an operator could press a button to inflate the air bag and seal off the drains. Hundreds of sites still use my original invention and a portable version is used by the Fire Service as part of the emergency response kit for dealing with fires on a daily basis. I have since designed and further developed a number of spill containment devices. The most recent reliable and automated spill containment device is the Hydro-Brake® Isolator drop seal valve, which you'll find more information on later in this handbook. In 2014, I was invited by the Environment Agency to join the steering committee tasked with revising the main industry guidance for pollution containment in the UK, in the light of the Buncefield disaster and other major fires.

Published by the Construction Industry Research and Information Association, CIRIA C736 "Containment Systems for the Prevention of Pollution", remains the key reference document for industry. This tips handbook is designed as an introduction, to take you simply through what you need to know about pollution spill containment, and why, and to point you to more formal industry and statutory guidance. Download the Water Pollution Prevention Handbook at [https://www.penstocksolutions.co.uk/wp-content/uploads/2018/09/david-cole-tips-booklet-FINAL.pdf?ck\\_subscriber\\_id=248528267](https://www.penstocksolutions.co.uk/wp-content/uploads/2018/09/david-cole-tips-booklet-FINAL.pdf?ck_subscriber_id=248528267)

### USA: CLEAN PACIFIC IS NOW ACCEPTING ABSTRACTS FOR THE 2019 CONFERENCE!

The CLEAN PACIFIC Conference & Exhibition is extending an industry-wide call for participation. Prospective speakers are invited to submit a 200-300 word abstract(s) online for consideration by the Planning Committee by Friday, November 23rd.

All abstracts submitted will be reviewed for content and relevance by the committee and are selected by consensus. It is important to note that our audience is particularly interested in content that is tactical in nature.

We are seeking practical abstracts including, but not limited, to:

- Best practices for complex oil spill incidents
- Case studies
- Common Operating Picture
- Contingency planning
- Crisis communication
- Dispersant use in cold water
- Drills and training
- Emergency response procedures
- Emerging issues
- Emerging response technologies
- Environmental cleanup strategies
- Exercise development and execution
- Future laws and regulations – state, provincial and federal
- Future of the Unified Command
- Geographic response planning
- Hazardous waste disposal challenges
- Incident Action Plan
- Incident Command System
- Information management in major spills
- Inland risk assessment and management
- Integration and engagement- involving locals and volunteers
- Interagency operability
- Lessons learned
- Loss of Public and Cultural Use
- Managing oil waste
- Marine Risk Assessment
- Natural Resource Damage Assessment (NRDA)
- Near-shore response planning
- New response techniques
- New technologies
- New threats
- Pipeline issues
- Pipelines: aging infrastructure
- Prevention of spills in the Arctic
- Problems/issues affecting the maritime industry
- Rail issues
- Regulatory compliance
- Remote responses – spill preparedness
- Responding to pipeline, emulsion line releases and blow-outs
- Responding to river spills
- Response safety
- Response to sinking oils
- Response to spills in the Arctic
- Salvage and Marine Fire Fighting
- Seashore Cleanup Assessment Teams (SCAT)
- Spill management team capabilities and performance
- Subsurface Operations
- Terminals
- Trans-boundary response issues
- Transport of Diluted Bitumen
- Unmanned Aerial Vehicles
- Upcoming environmental issues
- Vessel transport
- Wildlife response
- Working with Indigenous Communities/Peoples

#### What puts your abstract in a favorable light?

- Submissions from operating companies and/or regulatory agencies sharing new information
- Submitting case studies that culminate with actionable recommendations
- Being focused and concise on what will be covered in your presentation
- Providing practical, tactical, and timely information

#### What will likely get your abstract rejected?

- Submissions that are commercial in nature and/or product specific
- Unfocused abstracts that do not concisely detail what the presentation will be about
- Submissions clearly outside the scope of the conference
- Abstracts that are heavily technical or scientific

NOTE: Limit 2 submissions per speaker. Accepted speakers receive complimentary registration to the conference. Only one complimentary registration per submission. Notifications regarding acceptance into the program will be emailed no later than mid-January 2019.

[SUBMIT YOUR ABSTRACT](#)

Questions? Contact Cassie Davie at 713-343-1891 or [cdavie@accessintel.com](mailto:cdavie@accessintel.com)

## RESPONSE EVENTS DURING OCTOBER 2018 (UPDATED)

### CANADA: ARCTIC SHIPPING FORUM NORTH AMERICA CONFERENCE

St. Johns, Newfoundland, October 17-19. Programme includes management of environmental risks in the Arctic. Conference and networking forum with accompanying exhibition. [More info](#)

### CROATIA: HNS WORKSHOP

Rijeka, October 17-18. ATRAC is organizing for the first time a two-day training course on the subject of dealing with spills of hazardous and noxious substances (chemical pollution). The course will be held in co-operation with CEDRE and will cover the general aspects of hazardous and noxious substances, prevention, preparedness and response. [Programme](#) [More info](#)

### BRAZIL: NOSCA SEMINAR 2018

Rio de Janeiro, October 22-25. Topics include Cost efficient oil spill contingency by inter-company sharing of resources and equipment – examples from international models and regulation; Early warning and new response methods that allow for more cost-effective oil spill response; Oil spill response in challenging waters; Towards a standardisation of oil spill response strategies? [More info](#)

### BENIN: NATIONAL WORKSHOP ON CONTINGENCY PLANNING AND THE NATIONAL OIL SPILL CONTINGENCY PLAN

Cotonou, October 22-25. Provide training to relevant national authorities on contingency planning + Test the National Oil Spill Contingency Plan (NOSCP) of Benin through a table top exercise + Initiate amendments to the NOSCP on the basis of lessons learnt from the exercise as well as from previous workshops and exercises that the Beninese authorities have undertaken in 2018 + Develop recommendations to improve the NOSCP of Benin. [More info](#)

### UK: IMO MARINE ENVIRONMENT PROTECTION COMMITTEE

London, October 22-26. <http://www.imo.org/EN>

### UK: MEETING OF IOPC FUNDS GOVERNING BODIES

London, October 29 – November 1. [More info](#)

### UK & IRELAND: MEETING OF INTERNATIONAL SPILL ACCREDITATION ASSOCIATION

Hillsborough, Northern Ireland, October 31. Further details from John Dawes – email: [johnadawes@btinternet.co.uk](mailto:johnadawes@btinternet.co.uk)

## UPCOMING EVENTS – NOVEMBER 2018 ONWARDS (UPDATED)

COUNTRY	2018	TITLE OF EVENT	LOCATION
<b>For more information click on Title of Event</b>			
UAE	Postponed*	<a href="#">RECSO EnviroSpill Conference &amp; Exhibition</a>	Abu Dhabi
TURKEY	Nov. 6-8	<a href="#">Regional Workshop &amp; Oil Spill Exercise</a>	Istanbul
TURKEY	Nov. 7	<a href="#">MOIG General Assembly Meeting</a>	Istanbul
UK	Nov. 7	<a href="#">UK Spill Seminar 2018</a>	Moreton-on-Marsh
POLAND	Nov. 8	<a href="#">Transboundary Response Exercise</a>	Świnoujście
GUINEA	Nov. 12-15	<a href="#">National w'shop on shoreline response to oil spills</a>	Conakry
OMAN	Nov. 13	<a href="#">Regional Workshop- Pollution Liability &amp; Compensation</a>	Muscat
USA	Nov. 13-15	<a href="#">Clean Gulf Conference and Exhibition</a>	New Orleans, LA
UK	Nov. 21-22	<a href="#">WWEM Water Conference and Water Exhibition</a>	Telford
JAMAICA	Nov. 27	<a href="#">National Workshop on International Liability and Compensation Regime</a>	Kingston
FRANCE	Nov. 27-30	<a href="#">Pollutec 2018: Eco Trade Show &amp; Conference</a>	Lyon
PHILIPPINES	Nov. 27-30	<a href="#">East Asia Seas Conference 2018</a>	Iloilo
UK	Dec. 5-6	<a href="#">Salvage &amp; Wreck Removals Conference</a>	London
GERMANY	Dec. 5-6	<a href="#">13<sup>th</sup> Arctic Shipping Summit</a>	Hamburg
CHINA	Dec. 6-7	<a href="#">Oil Spill Response Workshop (OSRW 2018)</a>	Beijing
COUNTRY	2019	TITLE OF EVENT	LOCATION
USA	February 4-7	<a href="#">Gulf of Mexico Oil Spill &amp; Ecosystem Conference</a>	New Orleans, LA
USA	March 26-27	<a href="#">SCAA Annual Meeting &amp; Conference</a>	Arlington, VA



## UPCOMING EVENTS – NOVEMBER 2018 ONWARDS (CONTINUED)

USA	April 16-18	<a href="#">Clean Waterways Conference</a>	Cincinnati, OH
AUSTRALIA	May 20-24	<a href="#">SPILLCON 2019 Conference and Exhibition</a>	Perth
CANADA	June 4-6	42 <sup>nd</sup> AMOP Technical Seminar on Environmental Contamination & Response	Halifax, Nova Scotia
CANADA	June 18-20	Clean Pacific Conference and Exhibition	Vancouver BC
USA	October 28-31	Clean Gulf Conference and Exhibition	New Orleans LA
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

\* Event postponed. New dates will be advised ASAP.

## LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

<a href="#">Alga Chronicle</a>	News from Australia on Contaminated Land Remediation	August 2018
<a href="#">AMSA Aboard</a>	News from the Australian Maritime Safety Authority	December 2017
<a href="#">ATRAC Newsletter</a>	News from the Adriatic Training and Research Centre	Sept. 2018 issue
<a href="#">BIMCO Bulletin</a>	Marine and shipping-related news from BIMCO	Sept. 2018 issue
<a href="#">Newsletter from George Holliday</a>	News and commentary on HSE issues from George Holliday	On request email
<a href="#">Bow Wave</a>	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
<a href="#">Cedre Newsletter</a>	News from Cedre in Brittany, France	July-August 2018
<a href="#">EMSA Newsletter</a>	News from the European Maritime Safety Agency	September 2018
<a href="#">IMO News Magazine</a>	News from the International Maritime Organization	Autumn 2018 issue
<a href="#">IMO Publishing News</a>	New and forthcoming IMO publications	Aug.-Sept. 2018
<a href="#">Intertanko Weekly News</a>	International news for the oil tanker community	October 11, 2018
<a href="#">JOIFF "The Catalyst"</a>	Int'l Organisation for Industrial Hazard Management	October 2018 issue
<a href="#">Maritime Executive Magazine</a>	Often contains articles of interest to the spill response community	March-April, 2018
<a href="#">MOIG Newsletter</a>	News from the Mediterranean Oil Industry Group	October 2018 issue
<a href="#">Nautical Institute News</a>	News from the Nautical Institute	June-July, 2018
<a href="#">Navigate Response</a>	Global crisis communications network for shipping & marine	September 2018
<a href="#">NOAA OR&amp;R</a>	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
<a href="#">OCIMF Newsletter</a>	News from the Oil Companies International Marine Forum	September 2018
<a href="#">OHMSETT Gazette</a>	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Spring 2018
<a href="#">PEMSEA E News</a>	Healthy oceans, people and economies in the East Asian Seas	August, 2018
<a href="#">Pollution Online Newsletter</a>	News for pollution prevention & control professionals	October 10, 2018
<a href="#">Safe Seas, Clean Seas</a>	Quarterly Newsletter from Maritime New Zealand	July 2018 issue
<a href="#">Salvage World</a>	Quarterly Newsletter of the International Salvage Union	Current issue
<a href="#">Sea Alarm Foundation Newsletter</a>	Oiled wildlife Preparedness and Response news from Sea Alarm	Spring 2018 issue
<a href="#">Spill Alert</a>	Newsletter from the UK Spill Association	December 2017
<a href="#">Technology Innovation News Survey</a>	News from US EPA – Contaminated Site Decontamination	August 16-31, 2018
<a href="#">USA EPA Tech Direct</a>	Remediation of contaminated soil and groundwater	October 1, 2018

Your editor depends on regular receipt of updated links for listed publications. If these are not received, relevant entries will be discontinued.

## INFORMATION FOR ISCO MEMBERS

### MAXIMISE THE BENEFIT YOU GET FROM YOUR MEMBERSHIP OF ISCO

**This newsletter is sent out every week to about 3,000 individuals, companies and organisations – A worldwide and highly targeted audience of readers with an interest in spill control.**

As a Member of ISCO you can use the newsletter to inform our readers about your new products and services, and to pass on other news of interest to our community.

Make sure that whoever looks after your PR forwards your press releases to the editor – [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org)

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