

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

ISCO COMMITTEE & COUNCIL

ISCO is managed by an **EXECUTIVE**
Directors

- Mr David Usher, President (USA)
- Mr Matthew Sommerville, Secretary (UK)
- Mr John McMurtrie, VP and Editor (UK)
- Ms Mary Ann Dalgleish, VP M'ship (USA)

Members

- Mr Li Guobin (China)
- M. Jean Claude Sainlos (France)
- Mr Kerem Kemerli (Turkey)
- Mr Marc Shaye (USA)
- Mr Dan Sheehan (USA)
- Captain Bill Boyle (UK)
- Lord Peter Simon Rickaby (UK)

Assisted by **COUNCIL**

(National Representatives)

- Mr John Wardrop (Australia)
- Mr Osman Tarzumanov (Azerbaijan)
- TBA (Brazil)
- Dr Merv Fingas (Canada)
- Captain Davy T. S. Lau (China)
- Mr Darko Domovic (Croatia)
- Eng. Ashraf Sabet (Egypt)
- Mr Torbjorn Hedrenius (Estonia)
- Mr Pauli Einarsson (Faroe Islands)
- Prof. Harilaous Psaraftis (Greece)
- Captain D. C. Sekhar (India)
- Major Ben Benny (Israel)
- Mr Sanjay Gandhi (Kenya)
- Mr Dennis van der Veen (Netherlands)
- Chief Kola Agboke (Nigeria)
- Mr Carlos Sagrera (Panama)
- Captain Chris Richards (Singapore)
- Mrs Fatima B. Shaik (South Africa)
- Dr Ali Saeed Al Ameri (UAE)
- Mr Kevin Miller (UK)
- Dr Manik Sardessai (USA)

INTERNATIONAL NEWS

CLICK ON THE BANNERS BELOW FOR MORE INFORMATION ON THE EVENTS FEATURED



CLEAN GULF

The premier annual event for planning, preparedness and response for oil and hazardous materials spills

October 28-31, 2019
New Orleans, LA

[LEARN MORE HERE](#)

POLLUTION THREAT FROM SAFER FSO CONTINUES – NO RESOLUTION IN SIGHT

August 2 - According to Yemeni officials, if an urgent rescue operation is not launched, the vessel could create an environmental disaster four times greater than the Exxon Valdez oil spill in 1989, one of the worst man-made environmental disasters in history.

Experts at IR Consilium, a consultancy firm focusing on maritime law and security, warned that a spill in the area would force multiple desalination plants surrounding the Red Sea to close, depriving millions of access to drinking water.

The Saudi-led coalition and the Houthis blame each other for failing to reach an agreement over the fate of the tanker. Mint Press News / [Read more](#)

July 28 – Recommended reading - In an article “Gaming out the Disaster: What Could Go Wrong with the FSO Safer” by Dr. David Soud, Rohini Ralby and Dr. Ian Ralby of I.R. Consilium, elaborate on risks, consequences and problems that are likely to arise.

“In April, we sounded the alarm about how the Safer, an oil tanker converted into a floating storage and offloading facility (FSO) near the Red Sea coast of Yemen and filled with an estimated 1.1 million barrels of crude oil, was not only structurally deteriorating but might actually explode. In the past week, news outlets around the world have taken up the story. But the question remains: what happens if the Safer spills all its oil?”

“The clock is ticking on the FSO Safer. The Houthis in control of the vessel have demanded compensation on the order of \$80 million for its oil—effectively a ransom, though a paltry sum compared to the measurable costs of a million-barrel oil spill. UN-led negotiations may yet achieve a peaceful resolution, but it is also clear that, for all the reasons enumerated above, we are all stakeholders in what happens to a decaying tanker attached to a submarine pipeline off the coast of Yemen. Concerted international pressure is not an option but a necessity. Mark Lowcock astutely left the consequences of such a disaster to the collective imagination of the UN Security Council. Ove Hoegh-Guldberg was more explicit about the moral and political responsibility involved: “The situation is entirely avoidable and it will be on the hands of governments everywhere if we don’t negotiate an outcome which removes the possibility of one of the largest and most damaging oil spills ever.” We would do well to heed that warning. To better understand what’s at stake, [read this article](#).

[Editor – Since August 1, a number of unconfirmed reports have been circulating – “Iranian-backed Houthi terrorists in Yemen are demanding tens of millions of dollars in ransom cash to permit environmentalists to rescue a “structurally deteriorating” offshore oil tanker and prevent a humanitarian disaster”.]

MEMBERSHIP OF ISCO

[Benefits of Membership](#)

[Online Membership Application Form](#)

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 Student Membership, Associate Membership (AMISCO), MEMBERSHIP (MISCO) or FELLOWSHIP (FISCO)

[About Professional Membership](#)

[Application Form \(Professional Membership\)](#)

TO RECEIVE THE FREE ISCO NEWSLETTER

Go to www.spillcontrol.org and enter your name and email address in the Registration Form (located on the right-hand side of the home page) then click on "subscribe"

INTERNATIONAL NEWS (CONTINUED)

COAST GUARD, ARCTIC PARTNERS HEAD TO NORWAY FOR WORK GROUP MEETING ON OIL SPILL RESPONSE, SEARCH AND RESCUE IN THE ARCTIC



July 29 - U.S. Coast Guard members from the Office of Emergency Management attended the Arctic Council Working Group on Emergency Prevention Preparedness and Response (EPPR) meeting in Bodø, Norway, June 3-6, 2019, to continue work on matters related to marine environmental response (MER) and search and rescue (SAR) in the Arctic marine environment.

This was the EPPR's first meeting in 2019. The Norwegian Coastal Administration, the Joint Rescue Coordination Center North Norway, and the Norwegian Radiation and Nuclear Safety Authority hosted the meeting.

EPPR events brought a total of 85 participants to Bodø, twelve of which were from the United States. The EPPR plenary meeting was attended by 60 delegates, representing the Arctic States, one Permanent Participant from the Gwich'in Council, five Observer Countries (Italy, Japan, Singapore, South Korea, and Spain), four Observer Organizations (International Arctic Science Committee, International Federation of the Red Cross, University of the Arctic, and the UN Environment Program) and one invited guest from the International Atomic Energy Agency. Coast Guard Maritime Commons / [Read more](#) [Thanks to Marc K. Shaye, Hon.FISCO, Member of the ISCO Executive Committee]

MAP OF THE WEEK – OIL SPILL INCIDENTS AND RESPONSE VESSELS

July 26 - Even though we are making efforts to move away from fossil fuels, the world economy is still very dependent on oil. In 2016, the European Union consumed over 1.6 billion tonnes of petroleum products for energy, transportation and manufacturing¹. Over 1.4 billion tonnes was imported through pipelines, railways and oil tankers¹. Given the massive volume of oil that is being transported, it is not surprising that accidents have resulted in large oil spills. In the marine environment, these oil spills are very harmful to life, especially to marine mammals and seabirds. As oil is less dense than salt water, it floats and forms a thin film at the sea surface called an oil slick. The floating oil sticks to the fur and feathers of marine mammals and birds, eliminating their insulating and water repelling properties and exposing them to the cold and harsh environment². Furthermore, they can become poisoned by swallowing the oil in an effort to clean themselves. Our map of the week features the location and volume (in tonnes) of the major oil spill incidents around the world up to 2010.

Fortunately, the EU is leading the way in implementing rules for maritime safety and environmental protection³ and the number of large oil spills globally has decreased dramatically⁴. Furthermore, the European Maritime Safety Agency (EMSA) has set up a network of marine pollution response vessels that allows rapid and efficient clean up of oil spills. Our map of the week also features the ports where oil spill response vessels are available as well as their capacity to store polluted water (in cubic meters). [Access the map](#) The data in this map were provided by [EMSA](#). EC Europa / [Source document](#)

¹https://ec.europa.eu/eurostat/statistics-explained/index.php/Oil_and_petroleum_products_-_a_statistical_overview#

²<https://oceanservice.noaa.gov/facts/oilimpacts.html>

³https://ec.europa.eu/transport/modes/maritime-transport_hu

⁴https://www.itopf.org/fileadmin/data/Documents/Company_Lit/Oil_Spill_Stats_2019.pdf

ITAC 2019 MEETING WILL BE HELD IN SOUTHAMPTON, UK

July 29 - OSRL is pleased to announce dates for the annual ITAC meeting, which will be co-hosted by The National Oceanography Centre (NOC), Southampton, UK on 2nd – 4th October 2019.

- Event Highlights: Updates from the Responder Community, OSRL, MNZ, AMOSC
- Low Sulphur Fuel Oils: Fate, behaviour, response techniques and current research
- Next Generation of Spill Research Scientists
- Rapid impact assessment tools and role of microbial degradation
- The Use of Dispersants in Marine Oil Spill Response: 2019 National Academies of Sciences report

Why you won't want to miss ITAC?

- iTAC is a forum for presenting and exchanging scientific and technical information on spill preparedness and response
- iTAC is an assembly of a diverse group of spill response and research professionals
- iTAC articulates industry positions on key international issues
- iTAC identifies and addresses high consequence issues that impinge on effective oil spill preparedness and response
- iTAC develops dialogue and links between the research/academic and the response communities to enhance mutual understanding, improve science-based decision-making and to promote relevant oil spill research
- iTAC engages and encourages new audiences to oil spill preparedness, response, technology and management
- iTAC highlights advances and emerging technologies in oil spill preparedness and response.

Download the PDF version [here](#).

If you are interested in registering for this event or have any questions please contact: Rob Holland - Technical Lead - robholland@oilspillresponse.com

ITAC Attendees - ITAC's membership comprises oil industry (i.e. members of OSRL and other GRN OSROs) international organisations (ITOPF, IMO, IOPC etc), Governmental organisations (USCG, NOAA, etc...) R&D institutes (SINTEF, CEDRE, GoMRI etc...). It also includes academic institutes involved in industry backed studies, and other organisations with a non-commercial interest in improving oil spill response. The connection with academia is an important feature of the ITAC model recognising that industry is a big financial supporter of university-based research but sometimes there has been a disconnect with the sharing of knowledge and outputs from these studies with "industry" which ITAC tries to address. OSRL / Read more in [Source document](#)

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

Links for websites of 120 international, regional and national organizations are provided under "Links" at www.spillcontrol.org

ISCO does its best to monitor these websites for news (in English language) of interest to the international spill response community but does not have the resources to also monitor multiple social media platforms. The message is "If you have news you would like to share with readers of the ISCO Newsletter in over 60 countries (including your own country), you should send it by email to the editor john.mcmurtrie@spillcontrol.org"

CANADA: MEET THE SCIENTISTS WHO POLLUTE LAKES ON PURPOSE



Photo: At the Experimental Lakes Area, scientists study the effects of oil on lake organisms. Jose Rodriguez-Gil

July 30 - On a morning in June last summer, Keval Shah boarded a motorboat on a lake in northwestern Ontario, wearing navy coveralls, rubber gloves, and a respirator mask. He and nine others, all dressed in similar protective gear, were going to do something they had never done before: spill nearly 90* gallons of oil into the lake.

Over the course of the next two hours, Shah and his colleagues—a team of environmental technicians, chemists, boat drivers and photographers—carefully piped the viscous liquid into a series of sectioned-off zones in the lake. “We were all laser-focused,” he says. The operation, part of an ongoing project, was designed to simulate oil spills for scientific research. For the past three summers, scientists have been studying deliberate spills to find out more about how oil affects lakes in boreal regions, forested landscapes that stretch across northern Canada, Russia and Alaska. Atlas Obscura / [Continue reading this article](#)

COSTA RICA: LIABILITY REGIME TRAINING



July 22 - The IMO instruments covering liability and compensation for damage, such as pollution, caused by ships are a key element in the global treaty regime adopted by IMO. A national workshop in Costa Rica (16-18 July) provided an opportunity for national participants to learn about the relevant treaties, their principles and implementation, with an additional focus on compensation and claims.

The course covered the International Convention on Civil Liability for Oil Pollution Damage (CLC), and the International Fund for Compensation for Oil Pollution Damage (FUND) regime; the Convention on Limitation of Liability for Maritime Claims (LLMC); the International Convention on Civil Liability for Bunker Oil Pollution Damage and the International Convention on Liability and Compensation for Damage in Connection with the Carriage of Hazardous and Noxious Substances by Sea (HNS). To date, Costa Rica is only party to the CLC convention.

The workshop was organized by IMO in collaboration with IOPC Funds, P&I Clubs and Prefectura Naval Argentina, and is being implemented by IMO's Regional partner The Central American Commission of Maritime Transport (COCATRAM). It was hosted by the Maritime Authority of Costa Rica. IMO What's New / [Read more](#)

FRANCE: LEAD LEAK FROM NOTRE DAME CATHEDRAL FIRE PROMPTS LAWSUIT



Photo: Flames and smoke rise from Notre Dame cathedral as it burns in Paris, Monday, April 15, 2019. The city of Paris has ordered a deep cleaning of schools nearest Notre Dame, whose lead roof melted away in the fire last April. (AP Photo/Thibault Camus, File)

July 29 - Hundreds of tons of lead melted when the April fire destroyed the cathedral's roof and spire, and exceptionally high lead levels were later recorded in the surrounding air.

The association Robin des Bois said Monday it filed a lawsuit in a Paris court for deliberately endangering human life. The group says local City officials last week ordered a deep cleaning for neighborhood schools. MSN News / [Read more](#) [Thanks to Bill Hazel of Marine Pollution Control, Detroit]

INDONESIA: PERTAMINA SAYS PLUGGING UNDERSEA OIL SPILL IN JAVA WILL TAKE WEEKS

July 25 - Indonesia's state energy firm Pertamina said it will take weeks to plug an oil spill at its Offshore North West Java (ONWJ) facility, which has reached the northern coast of Java island, a director said on Thursday. The incident started on July 12, when natural gas was released during drilling at one of its wells in the ONWJ platform on the Java sea, Pertamina's upstream director Dharmawan Samsu told a news conference.

Twenty-nine ships have been deployed to patrol the area, which is also on standby for firefighting, he said, adding that the firm has put up a 3.5-km containment boom at sea and another 3-km boom and 700 meters of fishnets along the shoreline. Boots & Coots, a good control company that handled a similar spill in the Gulf of Mexico, has been hired to help control the situation, Samsu said. Devdiscourse / [Read more](#)

NIGERIA: OIL SPILL FROM ILLEGAL VESSELS REQUIRES NATIONAL ATTENTION – DELTA DEPUTY GOVERNOR

August 1 - Worried by the incessant pollution caused by spills on the environment, the Delta State Deputy Governor, Kingsley Burutu Otuaro, has said that the menace of spills from vessels with illegal oil allegedly exploded or destroyed by security agents required national discourse for Otuaro, who recently chaired the Delta State Advocacy Committee Against Vandalism of Oil and Gas Facilities embarked on a helicopter- driven aerial view of sites impacted by spills from exploded vessels in Warri North and Warri South-West LGA. New Telegraph / [Read more](#)

NORWAY: PRELIMINARY PROGRAMME FOR 2019 NOSCA SEMINAR

Norway is one of the few countries that has the privilege to benefit from full scale, offshore oil-on-water exercises organized annually by NOFO (Norwegian Clean Seas Association for Operating Companies). This gives NOSCA's members a unique knowledge base for testing, understanding and improving their products and oil spill preparedness in general. [Download preliminary programme](#)

PORTUGAL: PRESIDENT MARCELO REBELO DE SOUSA VISITS EMSA



August 1 - On 10 July, EMSA Executive Director Ms Maja Markovčič Kostelac welcomed to the agency His Excellency President of the Portuguese Republic, Marcelo Rebelo de Sousa.

The visit followed an invitation made in May and offered the opportunity for an in-depth look at EMSA and its role in the European maritime sector. It also gave the Portuguese President the chance to exchange views with Ms Markovčič Kostelac. "I promised to come back soon and here I am. Politicians must fulfil what they promise and that is what I did!" explained the President. "We work closely with the Portuguese maritime authorities," said Ms Markovčič Kostelac, "and I am keen to strengthen our local connections even further."

Each year, oil pollution response exercises are held in Portugal. In addition, in May, the EU civil protection exercise 'Cascade 19' saw EMSA's response assets deployed under the lead of the Portuguese national maritime authority. This included a fully equipped oil pollution response vessel, together with an RPAS quadcopter and satellite images to detect a simulated oil spill. The presidential visit ended with an opportunity for all staff to meet their host country's head of state. [Video of the visit.](#) EMSA / [Read more](#)

SYRIA: IRANIAN OIL SPILLS ON SYRIA'S SHORES: A BRIEF OSINT OVERVIEW OF AN ENVIRONMENTAL INCIDENT

July 31 - A mysterious incident occurred off the coast of Syria late June of this year. Local news reported that a sabotage action took place on underwater oil pipelines at the Baniyas oil terminal. Scarce information was available on what exactly happened and the resulting impact, yet the likely use of magnetic limpet mines and scuba divers indicate a state or state-sponsored sabotage operation.

Footage of the exploded pipelines were disseminated on social media, while an item on Syrian television showed how the crude oil polluted the shores and local environment. In the meantime, the crisis with oil tankers in the Persian Gulf was already brewing, with

NEWS REPORTS FROM AROUND THE WORLD (CONTINUED)

alleged attacks on various oil tankers with limpet mines, and subsequent capture of the GRACE 1 Iranian tanker at Gibraltar by the United Kingdom, heading for Baniyas refinery with 2.1 million barrels of light crude oil. This incident would have also consequences for Syria, as the Baniyas oil refinery appears to be a crucial lifeline for the Syrian economy.

In this article, we make a quick analysis using open-source information and satellite imagery from Planet Labs and Sentinel 2 satellites to show the marine pollution from the spill, subsequent tanker visits, and discuss potential wider environmental impact that could be unfolding as a result of the apparently sabotaged pipelines. BellingCat / [Read this article](#)

USA: AFTER 30 YEARS, CONTAMINATED WELLS IN SOUTHERN N.H. TO GET PERMANENT FIX

July 29 - This summer, towns in southern New Hampshire are breaking ground on what will become the state's largest regional water system. It is being built in part with money from massive settlements between New Hampshire and gas companies, including ExxonMobil, that used to produce MtBE, a chemical that polluted local drinking water.

For some residents in Plaistow, the new system will provide a permanent solution to MtBE pollution that has plagued them for over thirty years. NHPR / [Read more](#)

USA: LATEST ACTIVITY REPORTS FROM NOAA OR&R

August 1 – Please click on the links below to read more in the latest News Reports from NOAA OR&R

[NOAA Participates in Panama Canal Authority Pollution Exercise](#)

As part of the US National Response Team (NRT) – Panama Canal Authority (ACP) Subcommittee, NOAA helped plan, execute, and evaluate the annual EcoCanal '19 exercise.

[Marine Debris Program Supports Derelict Vessel Removal and Shoreline Restoration at Weeks Bay NERR](#)

On July 26, the Marine Debris Program's Gulf of Mexico Regional Coordinator, Caitlin Wessel, participated in a NOAA-funded marine debris removal and restoration project at the Weeks Bay National Estuarine Research Reserve (NERR) in Weeks Bay, Alabama.

[OR&R Diversity and Inclusion Committee Prepares for the Future](#)

On July 30 -August 1, the OR&R Diversity and Inclusion committee (D&I) met in Silver Spring, Maryland, to develop an action plan for the next two years.

NEWS FROM ISCO MEMBERS

News from ISCO Members – Your editor welcomes news from members. Please ensure that ISCO is on your mailing list for your press releases and company newsletters. Send your news to john.mcmurtrie@spillcontrol.org

OSRL INCREASES SWIS AIR FREIGHT CAPABILITY WITH NEW TRANSPORT SKID FOR SINGAPORE CAPPING STACK



July 19 - OSRL is pleased to announce the order for a second AN-124 aircraft transport skid with L+M AG for the Singapore located capping stack to further enhance the air freight capabilities of the Subsea Well Intervention Service (SWIS) as requested and supported by our subscribers.

The new AN-124 air transport skid will be available to the OSRL SWIS subscribers in Q4 2019, and will supplement the existing skid located in Stavanger, Norway, which was introduced to the service in August 2018 where a demonstration flight was performed as a part of a large-scale exercise from Stavanger, SOLA airport.

The combined capping stack and air freight skid design was verified for air transportation by both Antonov Design Bureau and Volga Dnepr Airline's technical departments confirming that the cargo can

be airlifted in both AN-124-100 and AN-124-100M-150 variants as well as the AN-225.

OSRL SWIS Director Andy Myers commented - "We are focused and committed to increasing the capabilities of the SWIS service to meet our subscribers subsea source control planning and response requirements. Introducing the additional air freight capability for our Singapore capping stack adds to mobilisation options for our subscribers not just in APAC but enhances our global response coverage bench strength.

The logistics requirements for air freight of our capping stacks are well understood and have been demonstrated through physical exercise with a demonstration flight (Norway 2018). We work closely with strategic partners Chapman Freeborn (air charter specialist) to continually monitor availability, location and status of the AN-124 and AN-225 airframes (twenty airframes in total globally) that are capable of transporting our capping stacks. AN-124 & AN-225 aircraft do not rely on airport main deck loader equipment for loading and unloading operations. Heavy load ramp systems (ten available globally) are utilised under the control of the aircraft providers and are staged globally to meet aircraft operations. This provides confidence in our enhanced airfreight mobilisation option." <https://www.oilspillresponse.com/>

SEA ALARM ASSISTS SHELL WITH OIL SPILL EXERCISE IN DENMARK

July 30 - In 2019, Sea Alarm was invited by Shell Shipping & Maritime to participate in a large-scale oil spill response exercise – Exercise Silver Mermaid – in Aarhus, Denmark.

The spill scenario simulated an oil spill in the Baltic Sea east of Aarhus involving a Shell operated vessel. For Shell and the Danish authorities an exercise such as this is a great opportunity for emergency response personnel to practice their skills, and optimize their scope for cooperation.

Sea Alarm assisted with the preparation of the scenario on wildlife impacts, and assisted the wildlife dedicated response personnel on the work floor. Prior to the exercise, Sea Alarm provided Shell's exercise designers with a wildlife impact scenario for this part of the Baltic Sea, which is known to accommodate various sea and coastal birds and marine mammals. Data for that impact analysis were kindly provided to Sea Alarm by Danish scientists.



In Denmark, the default response to oiled wildlife is to euthanise affected animals, utilising skilled hunters, under the assumption that animals have no chance for survival. Such an approach limits the options for a polluter, the Responsible Party, to demonstrate its concern for the environmental consequences, especially to animals, and its objective to minimize the damage caused. A part of Sea Alarm's role in this exercise was to moderate discussions between the Danish authorities and Shell to agree an approach for this particular scenario, and to see if the Danish authorities' default response could be extended with an attempt to also rescue and rehabilitate some of the impacted animals. The exercise allowed the parties to discuss these sensitive options outside of the pressures of a real incident. It appeared from these discussions that the authorities would grant Shell the option to initiate a wildlife response and rehabilitation effort. The next challenge would be to try organise such a response in a country that is not prepared itself for such an approach, and bring resources from abroad within the time windows available.

Representatives of the Danish Royal Navy, Environmental Protection Agency, and Nature and Forest Agency attended the exercise, meeting and interacting with the Wildlife Branch team, which consisted of personnel from Shell, assisted by experts from Oil Spill Response Limited (OSRL). Sea Alarm played its role as an advisor, knowing both Shell and the situation in Denmark quite well.

Sea Alarm participants included Hugo Nijkamp, Paul Kelway and Dr. Ian Robinson, consultant to Sea Alarm. The two-day exercise was followed by a 'hot wash' debrief, covering what went well and what areas of response need further improvement.

For the Danish authorities it was an opportunity to consider the needs of a Responsible Party who wants to demonstrate its concerns with the environmental damage caused. For Shell, the wildlife aspect of the exercise offered a chance to further develop their global and local oiled wildlife response, exploring the in-country pre-spill planning required to enable an effective wildlife rehabilitation effort in the event of a real incident in the future. <https://www.sea-alarm.org/>

VIDEO: ROYAL NAVY TESTS ROCKET SUIT TAKEOFF WHILE UNDER WAY



July 30 - He can't walk on water, but 'rocket man' Richard Browning can hop and glide over it as he demonstrated how the Royal Navy might use such a suit. The inventor, test pilot and former Royal Marines Reservist headed into the Solent with fast patrol boat HMS Dasher and a couple of boats to test his jet-powered body suit over the water for the first time.

The real-life Ironman has demonstrated the potential of his jet-powered suit to the Royal Marines, joined them for amphibious landings and wowed the crowds at Yeovilton at the Fleet Air Arm's annual show. But the flier and his Gravity Industries team wanted to see how the suit might work over the ocean – using the patrol boat as his test bed.

A small landing/launch pad was set up on Dasher's forecandle as he leapt between the boat and two accompanying rib speed boats buzzing around the Solent off Portsmouth Harbour at speeds of up to 20 knots. [The Maritime Executive / Read more & see video](#)

TECHNICAL SUPPORT

GREEN REMEDIATION BEST MANAGEMENT PRACTICES: SITES WITH LEAKING UNDERGROUND STORAGE TANK SYSTEMS

August 1 - (EPA 542-F-19-001). The U.S. EPA estimates that approximately 65,450 releases of petroleum or hazardous substances from federally regulated underground storage tanks (USTs) had not yet reached the "cleanup completed" milestone as of September 2018. The Association of State and Territorial Solid Waste Management Officials (ASTSWMO) estimates that in 2017, alone, state cleanup funds collectively spent approximately \$1.113 billion in cleaning up UST releases. Use of green remediation best management practices (BMPs) can help minimize the environmental footprint of cleanup activities at UST-contaminated sites and improve overall outcomes of the corrective actions. In accordance with the EPA Principles for Greener Cleanups, BMPs outlined in the updated "Green Remediation Best Management Practices: Sites with Leaking Underground Storage Tanks" fact sheet are intended to complement federal requirements for corrective actions at UST-contaminated sites and may enhance state-administered UST program requirements (August 2019, 4 pages). View or download at <https://clu-in.org/greenremediation>

CONTRACTS & TENDERS

OPEN TENDER NOTIFICATION SERVICE

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

MESSAGES FROM EVENT ORGANISERS

Ecoforum Conference & Exhibition, Auckland, New Zealand, September 3-6. Only 5 Exhibition Booths remaining. [More info](#)

Maritime Salvage & Casualty Response. We are pleased to release the updated agenda for 10th Annual [Maritime Salvage & Casualty Response Summit](#) taking place on 11th & 12th September 2019 in London, UK - to view the latest agenda please [click here](#) or [request agenda via email >>](#)

RESPONSE EVENTS DURING AUGUST & SEPTEMBER 2019 (UPDATED)

ANGOLA & NAMIBIA: TRANSBOUNDARY OIL SPILL RESPONSE

Jamestown, August 5-8. The objectives of this exercise, as defined by the countries, would be to: Test the communication links between Angola and Namibia; Test mechanisms for requesting assistance and mobilization of international resources; Test the National Plans of the two countries in the case of a trans-boundary oil spill incident; and Expose participants to the key issues related to trans-boundary spill incidents. [More info](#)

NEW ZEALAND: ECOFORUM CONFERENCE 2019

Auckland, September 3-5. Ecoforum is a broad-based environment conference and exhibition that focuses on contaminated land assessment, management and remediation. [More info](#)

RESPONSE EVENTS DURING AUGUST & SEPTEMBER 2019 (CONTINUED)

UK: SPE OFFSHORE EUROPE CONFERENCE & EXHIBITION

Aberdeen, September 3-6. SPE Offshore Europe is recognised by offshore E&P professionals as Europe's leading E&P event. Attending will ensure you are up to date with the most significant technologies and can connect with a global network of 36,000+ attendees. [More info](#)

NIGERIA: NATIONAL WORKSHOP ON OIL SPILL LIABILITY AND COMPENSATION Lagos, September 10-12. National Workshop on Liability & Compensation in case of oil spill. [More info](#)

GREECE: MEETING OF THE MAP FOCAL POINTS

Athens, September 10-13. Mediterranean Action Plan Focal Points Meeting. [More info](#)

UK: MARITIME SALVAGE & CASUALTY RESPONSE CONFERENCE

London, September 11-12. The two day conference will once again bring together senior executives and experts from salvage companies, technology providers, P&I Clubs, law firms and global regulators to discuss the latest challenges and developments making an impact on the industry. [More info](#)

UK: THE SPILL RESPONSE EXPO

Birmingham, September 11-12. The Spill Response Expo is one of seven specialist shows at the Contamination Expo Series that is designed to further the prevention, detection and management of chemical spills on water and on land. [More info](#)

UK & IRELAND: ISAA TRAINING DAYS AT CASTLE ARCHDALE

Enniskillen, September 25-26. Two days of technical presentations and practical hands-on exercises on inland spill response. [More info](#)

BAHREIN: GLOBAL HSE CONFERENCE 2019

Bahrein, September 30 –October 1. HSE professional from all across the globe will converge their knowledge to lead the future of HSE practices. The event will witness thought leaders of the industry who will impart knowledge sessions on the sustainable business practices underlining the socio-economic excellence. [More info](#)

UPCOMING EVENTS - OCTOBER 2019 ONWARDS (UPDATED)

COUNTRY	2019	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
UK	October 2-4	ITAC Oil Spill Response Forum	Southampton
CROATIA	October 2-5	Pollution Response Challenges in the Mediterranean Conference	Split
USA	October 7-10	Elastec's Fall 2019 River Spill Workshop	Carmi, IL
NORWAY	October 14-18	NOSCA Seminar 2019	Frøya
UAE	October 15-17	RECSO Envirospill Conference &Exhibition	Abu Dhabi
BAHREIN	October 20-21	Int'l Oil Spill Response & Environmental Protection Congress & Exhibition	Manama
SINGAPORE	October 21-24	International Chemical and Oil Pollution Conference and Exhibition	Singapore
UK	Oct. 28 – Nov. 1	Meetings of the IOPC Funds Governing Bodies	London
USA	October 28-31	Clean Gulf Conference and Exhibition	New Orleans, LA
SOUTH AFRICA	October 28-31	8th GI WACAF Regional Conference	Cape Town
CANADA	October 29-31	Arctic Shipping Forum North America	Montreal
TUNISIA	Nov. 13-14	Incident Management System Training Workshop	Tunis
FRANCE	November 21	Cedre Technical Day	Brest
UAE	Dec. 8-10	Middle East HSE and Sustainability Week	Dubai
COUNTRY	2020	TITLE OF EVENT	LOCATION
USA	May 11-14	International Oil Spill Conference & Exhibition	New Orleans, LA
CANADA	June 2-4	43rd AMOP Technical Seminar on Environmental Contamination and Response.	Edmonton, Alberta

UPCOMING EVENTS - OCTOBER 2019 ONWARDS (CONTINUED)

COUNTRY	2021	TITLE OF EVENT	LOCATION
NETHERLANDS	March 22-26	Interspill Conference & Exhibition	Amsterdam
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

Note: If a URL link (underlined in blue ink) is not yet available, one will be given in a later issue of this Newsletter

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

Alga Chronicle	News from Australia on Contaminated Land Remediation	August 2019
AMSA Update	Latest news from the Australian Maritime Safety Authority	Current issue
ATRAC Newsletter	News from the Adriatic Training and Research Centre	June 2019
AUSMEPA Bulletin	News from the Australian Marine Environment Protection Assoc'n	Winter 2019
BIMCO Bulletin	Marine and shipping-related news from BIMCO	June 2019
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	On request email
Bow Wave	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
Cedre Newsletter	News from Cedre in Brittany, France	May 2019
Clean Nigeria Associates Newsletter	News from CNA about Oil Spill Response in Nigeria	December 2018
EMSA Newsletter	News from the European Maritime Safety Agency	August 2019
GEF Newsletter	Monthly Newsletter from the Global Environment Facility	July 2019
GISEA Quarterly Newsletter	News from Global Initiative for South-East Asia	Q 2 2019
IMO News Magazine	News from the International Maritime Organization	Summer 2019
IMO Publishing Newsletter	New and forthcoming IMO publications	June/July 2019
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	July 2019 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	Jan.-Feb. 2019
MOIG Newsletter	News from the Mediterranean Oil Industry Group	April 2019 issue
Nautical Institute News	News from the Nautical Institute	March, 2019
Navigate Response	Global crisis communications network for shipping & marine	June 2019
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
Oceanbuzz	Newsletter giving news on the Ocean Technology Industry	Current issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	June 2019
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Fall 2018
OSPAR Newsletter	Protecting & Conserving the N.E. Atlantic and its resources	Spring 2019
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	June, 2019
Pollution Online Newsletter	News for pollution prevention & control professionals	April 3, 2019
Safe Seas, Clean Seas	Quarterly Newsletter from Maritime New Zealand	July 2018 issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	June 1-15, 2019
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	August 1, 2019

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

INCIDENT REPORTS (IN CHRONOLOGICAL ORDER)

GERMANY: BERLIN CLOSSES PARK TEMPORARILY AFTER CHEMICAL SPILL

July 22 - Berlin Falls Park is now closed following a chemical spill at the property in June. Though the park was open in the weeks immediately following the spill, the municipality was advised to close it late last week.

A chemical spill was located at Berlin Falls Park in late June, as a contractor was working to demolish several small buildings on the property that hadn't been used since its days as a poultry processing plant. Town officials were alerted to the spill via a social media post from a resident that showed dead turtles in what looked like a pool of oil. Officials immediately brought CES in to handle the cleanup. Mayor Gee Williams outlined the process in a July 1 statement. The Dispatch / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

CANADA: CLEANUP UNDERWAY AFTER BAYTEX ENERGY PIPELINE LEAK IN NORTHERN ALBERTA

July 22 - Cleanup crews are on site in northeastern Alberta after an estimated 100,000 litres of salty produced water leaked from a pipeline operated by Baytex Energy Corp. The Alberta Energy Regulator says the leak was reported last Wednesday. It says the pipeline on the site about 45 kilometres southeast of Peace River has been shut down to stop the flow. Global News / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

INDONESIA: PERTAMINA BOOSTS EFFORTS TO CLEAN UP JAVA SEA AFTER OIL SPILL

July 28 - Indonesia's PT Pertamina has intensified efforts to clean up the Java Sea after an oil spill that was first detected about two weeks ago, seeking to avoid environmental damage to marine life and coastal areas.

The state-run oil company has installed five high-speed water skimmers to suck the fuel from the sea surface, according to a statement on its website Sunday. It has also put up a static oil boom stretching 2,000 meters (1.24 miles) around the YY platform off Karawang, West Java to contain the spill.

The efforts come as Pertamina -- which has hired oil-well firefighting specialist Boots & Coots to assist it in minimizing the risk of environmental damage -- said Thursday that it may take about eight weeks before the leaking well can be fully shut down. Pertamina has mobilized and alerted 32 vessels for oil-spill combat and firefighting among other measures, according to Sunday's statement. A total of 800 people and more than 100 military personnel were also involved in cleaning up oil spills on the beach. Bloomberg / [Read more](#)

July 29 - Wind Could Spread Oil Leak from Pertamina's Undersea Well in Indonesia - Wind is threatening to spread a growing 52-mile (84-kilometer) oil sheen in Indonesia from an undersea well that began leaking about two weeks ago into the Java Sea. State crude producer PT Pertamina plans to install more booms in the south and east of the offshore oil platform to prevent the spread of the oil, spokesman Fajriyah Usman said in a text message on Monday. The flow of crude from the damaged well offshore Karawang, West Java, has declined to below 3,000 barrels per day, she said. Insurance Journal / [Read more](#)

July 30 - Oil spill spoils Indonesian beaches, major cleanup operation - Indonesia's state energy firm says it will take about two months to shut down a well that is spewing oil into the Java Sea. An investigation has begun into what caused the spill, which started more than two weeks ago. Al Jazeera / [Read more and watch video](#)

August 2 - Jakarta, Pertamina Form Joint Team to Combat Oil Spill Threatening Thousand Islands District - The Jakarta provincial government and Pertamina have agreed to assemble a team to deal with crude oil that spilled from one of the state energy company's wells in Karawang, West Java, last month, and which reached the capital's Thousand Islands district. The oil has already contaminated several islands north of Jakarta, including Untung Java, Damar, Damar Besar, Damar Kecil, Bidadari, Ayer, Rambut and Bokor.

An estimated 3,000 barrels of oil have been seeping into the ocean each day since July 12, after a well-kick at a freshly drilled well about 2 kilometers offshore. The oil spill had spread to an area of more than 45 square kilometers by July 18, resulting in fishermen and shrimp farmers suffering major economic losses. Jakarta Globe / [Read more](#)

SLOVENIA: KEROSENE TRAIN DERAILMENT CAUSED BY BROKEN RAIL SWITCH

July 26 - The freight train derailment that led to a massive kerosene spill near Hrastovlje on 25 June was caused by a broken or cracked rail switch, the Infrastructure Ministry's rail accidents investigator Daniel Lenart told the STA on Friday. STA / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: CALIFORNIA - CLEANUP EFFORTS CONTINUE IN KERN COUNTY OIL SPILL, MORE THAN 1M GALLONS COLLECTED

July 27 - Cleanup efforts continued Friday at an abandoned Chevron-owned well in the Cymric oil field in the Kern County town of McKittrick — about 35 miles outside of Bakersfield. According to the California Department of Fish and Wildlife, more than 1 million gallons of fluid — a mixture of 30% oil and 70% water — have been recovered from the site since the spill was first reported in May, but one section of the site continued to release fluid. CBS / [Read more](#)

UK: DIESEL FUEL SPILL IN THE RIVER OUSE

July 27 - Diesel fuel has got into the river and can be seen on the surface from Marygate down to Lendal Bridge. Yorkshire Water is investigating. The diesel is clinging to the bank and around the boats too, giving the impression that it is coming from them but it isn't. Minster FM / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

CHILE SEES 40,000 L. DIESEL OIL SPILL IN PATAGONIA

July 29 - The Chilean navy stated that they received a call from the mining company CAP on Saturday, July 27, informing about the spill at the terminal of Guarello island, about 1,740 miles (2,800km) south of Santiago, Chile's capital.

In light of the emergency, the Third Naval Zone ordered the deployment of units to be constituted at the scene, in order to control and mitigate the possible damage caused by the emergency in the area. Thus, the Barge 'Elicura' was sent in the area of the incident, along with the Oceanic Patrolman 'Marinero Fuentealba'. Safety4Sea / [Read more](#)

USA: WASHINGTON - CREWS CLEAN UP OIL SPILL AFTER TUGBOAT SINKS AT RAILWAY MARINA

July 30 - Washington Ecology, the Coast Guard, and the Navy responded to a sunken 60-foot tugboat with 300 gallons of diesel at the Port Orchard Railway Marina on Monday afternoon. According to Ecology, a small oil skimmer was used and cleanup material was applied, gathering a large amount of spilled diesel fuel. The Navy placed hard boom around the sunken ship. Overnight Monday, the Coast Guard's contractors plugged the boat's fuel vents, which allow fuel to flow out when submerged. Crews will also pump out any remaining fuel and engine lube to prevent further spillage. The Coast Guard used the federal oil spill contingency fund to hire Global Diving and Salvage to replace cleanup material and assess the vessel, Altrose said. Kitsap Sun / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

CANADA: SMALL ALBERTA COMMUNITY EVACUATED AFTER CP TRAIN DERAILS RAISES FEARS OF 'CHEMICAL EXPOSURE'



Photo: Cypress County declared a local state of emergency Friday evening after a train derailment in the area. Firefighters contained the flammable substance styrene. (Jennifer Radisic/Facebook)

August 2 - A small Alberta community was ordered to evacuate Friday after a Canadian Pacific Railway train derailment sparked a fire and raised fears of "chemical exposure." CP confirmed the train derailed at about 3:20 p.m. just east of Irvine, located near Medicine Hat about a three-hour drive southeast of Calgary. CP issued a statement that said the company had dispatched a team to the site but it did not say what type of cargo the train was carrying. The Globe & Mail / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

August 3 - Crews doused highly flammable styrene after train derailment in southern Alta. - About 80 emergency personnel fought fire, crews needed heavy equipment to untangle 'train pretzel'. The county confirmed Saturday that the leaked material was the highly flammable substance styrene.

An Alberta Emergency Alert told residents within a seven-kilometre radius to evacuate the area immediately on Friday afternoon.

About 80 first responders were at the scene in addition to Canadian Pacific (CP) workers and contractors. Kim Dalton, director of emergency management for Cypress Country, said it was a massive response.

"There was approximately 20 cars that came derailed," Dalton said. "They were intertwined with some of the railway track. Crews brought [out] an enormous amount of heavy equipment and they untangled the train pretzel."

According to Dalton, styrene can react with water which made a fire at the scene even more challenging. CBC News / [Read more](#)

Legal disclaimer: Whilst ISCO takes every care to ensure that information published in this newsletter is accurate unintentional mistakes can occur. No liability for consequences of errors is accepted but, if an error is brought to our attention, a correction will be printed in a following issue of this newsletter. Products and services featured in the ISCO Newsletter and/or the ISCO website, including the International Directory of Spill Response Supplies and Services, have not been tested, approved or endorsed by ISCO. Any claims made by suppliers of products or services are solely those of the suppliers and ISCO does not accept any liability for their accuracy. It should not be assumed that views and opinions expressed in linked reports, articles and other content reflect the views of the organization. Subscription is subject to acceptance of ISCO's Terms and Conditions as published on the website www.spillcontrol.org and your acceptance of ISCO's Data Protection and Privacy Policy.
