

## 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

## ROYAL NAVY FRIGATE PROTECTS TANKER FROM IRANIAN PATROL BOATS



July 11 - The Royal Navy frigate HMS Montrose (pictured above) fended off an Iranian attempt to interfere with a British tanker in the Strait of Hormuz on Wednesday, according to the government of the UK.

According to the UK Ministry of Defense, three Islamic Revolutionary Guard Corps boats approached the tanker British Heritage and attempted to impede her passage as she transited the strait. In response, HMS Montrose was "forced to position herself between the Iranian vessels and British Heritage and issue verbal warnings to the Iranian vessels, which then turned away." (U.S. officials put the number of IRGC boats involved in the encounter at five vessels, not three.)

The IRGC said in a statement that it possesses the capability to seize a UK ship if so ordered, but it denied that the run-in with the British Heritage occurred.

The Maritime Executive / [Read more](#) Related report in [gCaptain](#)

[Editor: Having been directly involved over many months in the response to the world's largest ever oil pollution event caused by hostilities during the 1991 Gulf War and, more recently, by conflicts in other parts of the world, I'm constantly reminded of the enormous scale of environmental damage that can result from acts of war. The ongoing brinkmanship in the Straits of Hormuz is a very dangerous game with a high potential to result in yet another world environmental catastrophe]

## 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](http://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)

# PREVENTION OF MARINE POLLUTION TALKS IN SOUTH ASIA REGION



July 12 - The benefits and implications of acceding to the 1996 [London Protocol](#) on the prevention of marine pollution by dumping of wastes and other matter in the South Asian Seas Region were discussed at a regional workshop in Dhaka, Bangladesh (10-11 July).

The main objectives of the workshops were to inform relevant authorities of the benefits and implications of ratifying, implementing and enforcing the London Protocol. The purpose of the London Convention is to control all sources of marine pollution and prevent pollution of the sea through regulation of dumping into the sea of waste materials. A special emphasis was also placed on the protection of ports and ocean environment.

The regional workshop was followed up by a national workshop for Bangladesh (12 July), attended by around 30 participants from Government ministries, agencies, state enterprises and academia.

The regional workshop was attended by participants from Afghanistan, Bangladesh, India, Maldives, Pakistan and Sri Lanka. Led by IMO and the South Asia Co-operative Environment Programme (SACEP), the event was hosted by the Government of Bangladesh in Dhaka. Source: [IMO "What's New"](#)

## SYMPOSIUM ON ENVIRONMENTAL PROTECTION IN THE MEDITERRANEAN SEA

July 12 – Report from CEDRE - Cedre took part in a symposium on "Environmental Protection in the Mediterranean Sea" held on 4th and 5th July, organised by Robert Gelli, Attorney General of Aix-en-Provence Court of Appeal, in partnership with the Maritime Prefecture of the Mediterranean and the General Secretariat for the Sea.

Opened by France's Justice Minister Nicole Belloubet and closed by François De Rugy, Ministry of State for the Ecological and Inclusive Transition, this symposium was attended by the highest ranking representatives of the Ministry of Justice and the Maritime Prefecture, the high magistrates of the 16 relevant states together with professionals concerned with the protection of the Mediterranean.

Read more in the June 2019 issue of the [Cedre Newsletter](#)

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

### AUSTRALIA: VICTORIA - THIRTEENTH TOXIC CHEMICAL DUMP DISCOVERED BY DRONE

July 12 - Authorities have discovered another massive stockpile of toxic waste hidden in the city's northern suburbs, the thirteenth site linked to a network allegedly responsible for running the biggest illicit chemical dumping operation in the state's history.



The property was leased by Graham Leslie White, who has been linked to the West Footscray chemical dump that erupted into a massive industrial blaze in August 2018, and eight other illicit dump sites in Campbellfield and Epping since Christmas.

The Age / [Read more](#)

### BANGLADESH: WORK OF SEA TO BE EXPEDITED



*Photo: Prime minister's energy adviser Tawfiq-e-Elahi Chowdhury.*

July 11 - The Prime Minister's Energy Adviser Tawfiq-e-Elahi Chowdhury yesterday assured that Bangladesh will complete the Strategic Environmental Assessment for the conservation of Bangladesh's south west region, including the Sundarbans, in two and a half years.

Addressing a press conference about the 43rd session of the World Heritage Committee, he said the Bangladesh government will take any measures that would be recommended by the Strategic Environmental Assessment (SEA) report after completion. The 43rd session of the World Heritage Committee (WHC) was held in Azerbaijan's Baku from June 30 till yesterday. A sixteen-member government delegation, led by the energy adviser, joined the session.

"We have pledged to do three things," Tawfiq said at the press conference at the Prime Minister's Office. "We will complete the work of National Oil Spill Chemical and Contingency Plan. We will invite a Reactive Monitoring Mission from the International Union for Conservation of Nature (IUCN) and the WHC... We will expedite the work of the SEA. We have already completed the tendering process of the work and evaluation is now ongoing," he said. The Daily Star / [Read more](#)

### CANADA: 'UNDERWATER WORKHORSE'

July 8 - International team preps Memorial Explorer for sea trials and tests - The Gazette recently took a road trip to the Holyrood Marine Base to learn more about a research project involving collaborators from around the world.

The team was busy putting the Memorial Explorer – the university's recently recommissioned autonomous underwater vehicle (AUV) – through its paces with a series of sea trials and tests.

The team members were receiving valuable hands-on training from the B.C.-based company International Submarine Engineering Ltd., manufacturers of the AUV, and Fugro GeoSurveys Inc., a St. John's company providing marine services ranging from seafloor mapping to geological/seismic and hydrographic surveys. Gazette / [Read more](#)



### CANADA: ARCTIC MARINE OIL SPILL PROGRAM (AMOP)

July 12 – Report from CEDRE - At the beginning of June, one of Cedre's team travelled to Halifax (Canada) to attend the annual Arctic Marine Oil Spill Program (AMOP) technical seminar. This 42nd edition was attended by nearly 200 participants and comprised almost 100 presentations. The topics addressed focused on the behaviour and impact of oil and chemicals following a spill, contingency planning, as well as recent developments relating to response techniques at sea and detection equipment. Like in past years at AMOP, Special Sessions were organised to address specific issues. This year, the topics selected were Inland and Freshwater Oil Spills and Recovery of Oil from Sunken Vessels. Cedre presented a conference on biodiesels.

Read more in the June 2019 issue of the [Cedre Newsletter](#)

### DENMARK: MAERSK OIL'S POLLUTION TRIGGERS REVIEW OF SANCTIONS



July 11 - The Danish Parliament's parties will, after the summer break, be summoned to a discussion about the spill of chemicals in the North Sea.

A fine of DKK 500,000 (USD 75,500) for a large, international company for spilling more than 100 tons of hazardous chemicals in the North Sea. Is this a fitting sanction – or how should pollution of the marine environment be punished? Danish Minister for the Environment Lea Wermelin (Social Democratic Party) has asked her officials at the Ministry for the Environment to look into this. Shipping Watch / [Read more](#)

## FRANCE: CEDRE ACTIVITY REPORT FOR JUNE 2019

July 12 - In June, we were called out once again, by the relevant local council, to the site where a diesel leak had occurred in Finistère (see Newsletter n°279) to conduct a post-clean-up inspection. Our team was contacted several times in relation to strandings or observations of particular phenomena (presence of pollen or moss, abnormal water colour due to a distress flare, etc.). We also held discussions with the DDTM (Departmental Directorate for Territories and the Sea) for the Channel after a drum of waste engine oil was discovered, during which we confirmed the validity of the actions envisaged.

Read more in the June 2019 issue of the [Cedre Newsletter](#)

## GREECE: HELMEPA'S SCHOLARSHIPS FOR 2019-2020

July 4 - For yet another year, HELMEPA supports young people who want to continue their academic career, awarding scholarships for postgraduate studies in the fields of shipping, environmental science and marine engineering/technology. The 7 new scholars for the 2019-2020 academic year will join the group of another 37 young people, who since 1998 have received HELMEPA scholarships for shipping and environmental studies at well-known universities of Canada, Cyprus, France, Greece, Spain, Sweden and the United Kingdom. HELMEPA / [Read more](#)

## MALTA: REMPEC FOCAL POINTS MEETING AND WESTMOPOCO PROJECT

July 12 – Report from CEDRE - Cedre was invited to attend the 13th meeting of the Focal Points for the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC), held in Malta from 11th to 13th June 2019. At this meeting, the DG-ECHO funded WestMOPoCo project (see Newsletter n° 277) was presented by the General Secretariat for the Sea, and Cedre gave an explanation of the work methodology adopted to prepare, in collaboration with ITOPF and ISPRA, a Joint InterRegional HNS Response Manual. The WestMOPoCo project partners also took this opportunity to hold their first Steering Committee meeting. Read more in the June 2019 issue of the [Cedre Newsletter](#)

## NIGERIA: STAKEHOLDERS URGE ACTION AS OIL THEFT CLAIMS REACH N995B



*Photo: President Muhammadu Buhari (middle) with former Group Managing Director (GMD) of the Nigerian National Petroleum Corporation (NNPC), Maikanti Baru (left), and his successor, Mele Kyari, during a visit to the State House, Abuja...yesterday. Photo/Twitter/AsRock*

July 10 - Stakeholders comprising oil and gas experts, civil society organisations and Niger Delta leaders yesterday sought immediate action on crude theft, stating that the country had lost \$12 billion to the menace.

They accused security agencies, politicians and host communities of aiding the illicit business with its accompanying negative effects on the national economy, environment and health of the people.

The experts, who met at a workshop in Abuja to offer solution to the problem, decried weak regulations and the seeming apathy of the Federal Government towards doing the right thing by deploying technology to effectively monitor oil facilities as obtained in other climes. Guardian / [Read more](#)

## PORTUGAL: EMSA TRAINING COURSE ON LIABILITY AND COMPENSATION

July 8 - At the invitation of the European Maritime Safety Agency (EMSA), the IOPC Funds, in cooperation with the International Group of P&I Associations, delivered a two-day training course on liability and compensation in Lisbon, Portugal on 4 and 5 July 2019.

During day one of the course, Claims Manager, Mark Homan, provided an overview of the role of the IOPC Funds and the legal framework behind the international liability and compensation regime for oil spills, while the International Group delivered presentations relating to liability and compensation for other types of marine pollution damage.

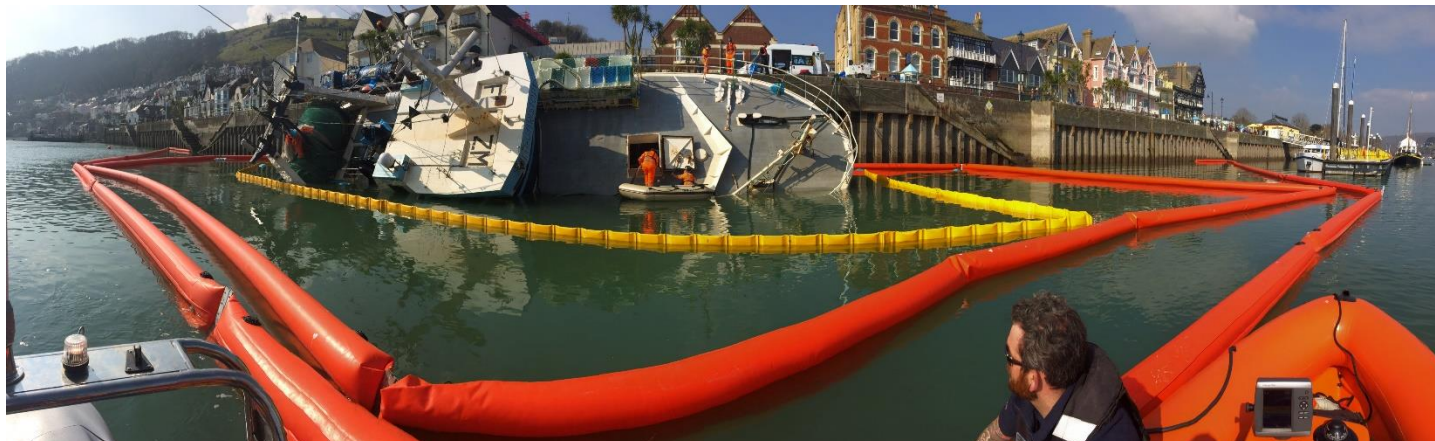
The second day focused on admissibility criteria and the presentation of claims and included a number of practical exercises and case studies, including insurance issues. IOPC Funds / [Read more](#)

## UK: 17,000 FISH RELEASED INTO RIVER WITHAM AFTER DEVASTATING POLLUTION

July 12 - A further 17,000 fish have been released into the River Witham to help it recover from what is believed to be the worst river pollution ever recorded in Lincolnshire. A total of 91,000 fish, as well as around 1.5 million larvae – have now been restocked into the river. Lincolnshire Reporter / [Read more](#)



## UK: ADLER & ALLAN FIRST RESPONSE COMPANY ACCREDITED IN MAINLAND GREAT BRITAIN BY ISAS UNDER THE NEW MCA MARINE ACCREDITATION STANDARD



July 9 - July 9 - Market leading environmental risk reduction specialist [Adler and Allan](#) is the first response organisation in mainland Great Britain to be recognised by the International Spill Accreditation Scheme (ISAS) as an accredited Tier 2 Oil Spill Response Organisation (OSRO) for sheltered/enclosed waters, coastal & large estuary and shoreline clean-up.

The UK Maritime and Coastguard Agency (MCA) states that ports, harbours and oil handling facilities are required to provide contingency plans detailing the contract they hold with an OSRO as part of the Merchant Shipping (Oil Pollution Preparedness, Response and Co-operation Convention (OPRC)) Regulations 1998 (SI 1988 No.1056).

The accreditation demonstrates Adler and Allan's preparedness to respond to marine spill events with multiple deployments.

The International Spill Accreditation Scheme (ISAS) is a joint venture between the UK Spill Association and ISAA. An agreement was signed with the Maritime & Coastguard Agency on 16th October 2018 that from the 1st November 2019 OSRO's delivering or intending to deliver Tier 2 response services to ports, harbours, marine terminals and offshore installations will be required to be in compliance with the new Standard.

An ISAS accreditor will attend an Incident Management Exercise delivered by Adler and Allan for a client port in the next few months for a final inspection of Adler and Allan's work.

Beth Esau, Marine Contracts Manager from Adler and Allan said: "I am delighted we are the first private enterprise OSRO in mainland Great Britain to be recognised with this accreditation. I would like to thank the marine team at Adler and Allan who have helped us to implement new measures."

As part of an ongoing strategy to consolidate the business and reflect an enhanced range of services and solutions including marine, Adler and Allan has launched a new brand and logo which will be rolled out across external channels throughout the summer.

Adler and Allan delivers emergency environmental response and planning services to a number of ports and harbours in England, Wales and Scotland. For more information on Adler and Allan's marine spill consultancy click here: <https://www.adlerandallan.co.uk/consultancy/ports-and-harbours-consultancy/>

## USA: LAWMAKERS CONSIDER LEGISLATION TO REAFFIRM LONG STANDING BIRD PROTECTIONS

July 11 - As [previously reported](#), there have been a number of changes in environmental policy under the Trump administration, including the re-interpretation of the [Migratory Bird Treaty Act](#) (MBTA). The act was originally signed as a treaty with Britain (acting on behalf of Canada) in 1916 and then signed into law in the US in 1918. The law was designed to protect migratory bird species in North America, or at least in the United States and Canada.

The law protected birds, their eggs and nests from harm, whether intentional or unintentional, levying fines against those who violate it. Since the treaty with Canada and resulting law were signed, the treaty has been signed between the US and Mexico, Japan and the former Soviet Union. Because many birds migrate over incredibly long distances as regular parts of their natural history, the international nature of MBTA is important.

The new interpretation holds that the law only applies when birds are intentionally killed. Under the new interpretation of the law, BP would have paid nothing for the deaths of birds from Deepwater Horizon. Reveal News reports that Canada still interprets the law

## NEWS REPORTS FROM AROUND THE WORLD (CONTINUED)

as applying to incidental takes of birds, that is their unintended death or harm. In fact, the new Trump administration interpretation of the law is far out of step with the long standing interpretation under both Democratic and Republican presidents. In effect, the interpretation simply stops enforcement of the law, a law that historically helped many birds recover from devastation caused by industry such as the hat feather trade.

[Audubon](#) reports that last month, the US Natural Resources Subcommittee on Water, Oceans, and Wildlife began the discussion of drafting a bill that would reaffirm the long standing protections for birds from incidental take. During the hearing, Audubon's Vice President for Bird Conservation, Stanley Senner, [testified](#) on the importance of MBTA. Senner has worked on restoration work from both Alaska's Exxon Valdez oil spill and the Deepwater Horizon blowout. [Earth.com / Read more](#)

## USA: LATEST ACTIVITY REPORTS FROM NOAA OR&R

July 12 – Please click on the links below to read more in the latest News Reports from NOAA OR&R

[Catch More Crabs, Lose Less Pots! A Crabbing Outreach Workshop](#)

On June 26, the NOAA Marine Debris Program Pacific Northwest Coordinator joined 40 current and future Puget Sound Dungeness crabbers in a well-attended workshop to learn how to catch more crabs and lose less crab pots.

[OR&R Provides Spill Response Training for USCG Sector Sault Ste. Marie](#)

On July 8 - 9, OR&R's LT Michael Doig and LT Joshua Valdivia, of the U.S. Coast Guard (USCG) provided spill response training for USCG Sector Sault Ste. Marie. This was the last of 5 classes conducted around USCG District 9.

[Changing Life on a Rocky Shore in Prince William Sound: A 30-Year Time Series](#)

Early morning on Thursday July 4, during a minus tide, Skipper David Janka (Auklet Charters, Cordova, Alaska) stepped ashore at a cove on Knight Island in Prince William Sound and took the 30th annual photograph of a scene known as "Mearns Rock". NOAA's retired Emergency Response Division Scientist Emeritus, Dr. Alan Mearns, received the photo that evening and compared it to all previous 29 annual photos of the same scene.

[Story Map: The Lower Duwamish River, Passageway for Fish and Industry](#)

A [new story map](#) about the Lower Duwamish River Superfund site in Seattle is now live and available to the public.

[OR&R Sponsors Leveraging Science and Academic Engagement Workshop](#)

The OR&R Emergency Response Division sponsored a June 25-26 workshop titled "Leveraging Science and Academic Engagement" in Tiburon, California.

[Marine Debris Program Hosts Behavior Design for Marine Debris Prevention Workshop](#)

On June 26 in Oakland, California, the Marine Debris Program convened a group of 20 California non-profit and agency partners for a training workshop delivered by Root Solutions.

## USA: CALIFORNIA - FIRST RESPONDERS TO HOLD OIL SPILL DRILL ON MONTEREY BAY

July 12 - Staff from the California Department of Fish and Wildlife's Office of Spill Prevention and Response provided refresher training to agencies that would be called upon during an actual spill emergency event. [Monterey Herald / Read more](#)

## PEOPLE IN THE NEWS

### UK: NEW DEFRA CHIEF SCIENTIST APPOINTED



July 12 - Professor Gideon Henderson has been appointed the new Defra CSA. Professor Henderson, currently a Professor of Earth Sciences at the University of Oxford and until recently its head of department, will join Defra in October this year. He will replace Sir Ian Boyd, who is leaving Defra after seven years in the post.

Environment Secretary Michael Gove said: "Sir Ian Boyd's contribution to Defra's work has been invaluable, and I am immensely grateful for all the advice he has provided over the past seven years, informing key government policies". [UK Government / Read more](#)

## 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](mailto:john.mcmurtrie@spillcontrol.org)

## NEWS FROM ISCO MEMBERS (CONTINUED)

Elastec has launched a new presentation “Work Boats For Any Project” - Five types of vessels – a range of boats from multi-purpose to landing craft and customized oil spill response vessels. [View details](#)

Oil Spill Response Ltd. (OSRL) will be holding a Members’ Technical Forum - Mexico City on Thursday 25<sup>th</sup> July. [More info](#)

Oil Spill Response Ltd. (OSRL) accelerates emergency response and asset management processes with IBM Maximo Asset Management [Read more](#)

## CONTRIBUTED ARTICLE

### A CASE OF MISTAKEN IDENTITY: CAN YOU SPOT THE FALSE OIL POSITIVES?

An article contributed by NOAA OR&R



*Aerial view of emulsified oil at the Bayou Perot well blowout changing to dark oil as it degasses and dewater. Image credit: Gary Shigenaka/NOAA.*

When asked what oil looks like, most people would probably describe it similar to molasses — black, and somewhat viscous in appearance. But did you know, crude oils can come in a range of colors? From black to red to yellow, oil can appear in a number of different colors and consistencies. This can make it especially hard to find and identify oil from the air.

In the image above, a range of colors can be seen at the site of a well leak in Bayou Perot, Louisiana. The oil that is closest to the source — visibly spraying out of the well — is yellowish. As the oil collects in the pollution boom around it, it gets thicker and becomes orange. And the thickest oil, collected to the far end of the boom, is black.

While different types of oils can vary in appearance, oil slick appearance is also affected by weather conditions and how long the oil has been out on the water. Though images of a heavy continuous coating of oil on the sea or shoreline might be the first thing that comes to mind when you think of an oil spill, that same spill could look quite different after a few hours or days.

Over time, oil can become patchy, it can emulsify, or become mixed with water. The color and consistency can change as the oil encounters other materials in the water, or simply the exposure to air. Even close to the source of the spill the colors can be quite variable depending on the thickness of the oil



## CONTRIBUTED ARTICLE (CONTINUED)

During a spill response, trained aerial overflight experts serve as the eyes for the command post of spill responders. They report critical information like location, size, shape, color, and orientation of an oil slick.

Because oil comes in such a wide variety of colors, it can easily be mistaken for something else — and vice versa. When searching by air, or even by satellite, responders can come across false positives for oil.

*Photo: Closeup of algae bloom in marina near Whidbey Island, Washington.*

In this photo from a marina in Washington (right), this naturally occurring algae looks a lot like a reddish brown oil. When viewed from the air, algal blooms, boat wakes, seagrass, and many other things can look like oil. Important clues, such as if heavy pollen or algal blooms are common in the area, help aerial observers make the determination between false positives and the real deal. If the determination cannot be made by aerial observation, further investigation may be needed to properly identify the anomaly.

In the slideshow below, put your eyes, and your knowledge, to the test. Many of the images look very similar to oil — so much so that they required a second look to confirm their identity. Can you spot the false positives?



**IMPORTANT - Note from Editor: In order to view the slideshow and compare the images please open the original document at**

[https://blog.response.restoration.noaa.gov/case-mistaken-identity-can-you-spot-false-oil-positives?utm\\_medium=email&utm\\_source=GovDelivery](https://blog.response.restoration.noaa.gov/case-mistaken-identity-can-you-spot-false-oil-positives?utm_medium=email&utm_source=GovDelivery)

**It's well worth doing this because it's a real eye-opener with first class photographs. Apologies for my lack of technical expertise – I didn't know how to insert the embedded slideshow in this PDF file of the newsletter version of the contributed article.**

How did you do? Was there a particular false positive you struggled to identify? Share your thoughts and results in the comments below.

You can also tweet us [@NOAACleanCoasts](#) or comment on Facebook [@noaaresponserestoration](#).

To learn more and for training resources, visit the links below:

- [Open Water Oil Identification Job Aid for Aerial Observation](#) [PDF]
- [Introduction to Observing Oil from Helicopters and Planes](#) (online training: you'll need to [create a username and password](#)).
- [Oil Observation Checklist](#) [PDF]
- OR&R Science of Oil Spills (SOS) classes include an overview of aerial observation during oil spill response. [Learn more about SOS classes](#), and when and where the next class is scheduled.

*This article is reproduced here with thanks to NOAA OR&R for kind permission to reprint.*

## CONTRACTS & TENDERS

### OPEN TENDER NOTIFICATION SERVICE

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

## NEW PRODUCTS & SERVICES

### NEW LINE LAUNCHER



July 11 - International safety expert IC Brindle & Co Ltd signed a distributor deal in June this year to distribute a ground-breaking new safety product in the UK and further afield. The Line Launcher by Kiwi Rescue Ltd can propel a high-vis safety line and flotation pod 80m with one powerful launch. "This is a clever product that is almost entirely reusable with easily replaceable CO2 cartridges". It's the only product of its kind to use a 16g CO2 which is cost effective and easy to replace. Whereas its counterparts that use pyrotechnics to propel the line can be expensive, difficult to replace and some applications are single use. The Maritime Executive / [Read more](#)

[Editor: Response Contractors might find this useful as an aid for pulling a boom across a river or for help in setting up a transfer hose for ship-to-shore removal of fuel from a grounded vessel]



## BUSINESS OPPORTUNITIES

### USA: SMALL BUSINESS INNOVATION RESEARCH (SBIR) PHASE I SOLICITATION

U.S. Environmental Protection Agency, Cincinnati Acquisition Division, OH. Federal Business Opportunities, Solicitation 68HERC19R0052, 2019

U.S. EPA anticipates making about 20 Phase I SBIR awards of up to \$100,000 each and not to exceed a 6-month term of performance. The likely contract start date is April 1, 2020. The Phase I effort is for "proof of concept" of the proposed technology. Among the 15 listed areas of interest are mining site characterization and remediation technologies; novel technologies for the destruction of PFAS in water and wastewater; and a 3-D gamma camera to map radiological contamination. The slides and Q&A follow-up from EPA's informational SBIR webinar of June 6 are available near the bottom of the page at <https://www.epa.gov/sbir/informational-webinar-2019-2020-small-business-innovation-research-sbir-phase-i-solicitation> The attachments to this notice are available only on FedConnect at <https://www.fedconnect.net/FedConnect/?doc=68HERC19R0052&agency=EPA> [Note: It might be necessary to copy and paste the URL into your browser for direct access]. The entire SBIR proposal must be submitted in a single PDF file via FedConnect by 12:00 noon ET on July 31, 2019. <https://www.fbo.gov/spg/EPA/OAM/OH/68HERC19R0052/listing.html>

Technology Innovation News Survey / [Read more](#)

## SCIENCE & TECHNOLOGY

### UL RESEARCHERS CREATE MODEL FOR TRACKING WILDLIFE



July 10 - University of Louisiana at Lafayette researchers have earned international recognition for creating a mathematical model to determine how quickly wildlife can recover following natural disasters. Mathematical models replicate real-life situations, and use equations and data to predict future behavior.

The prize-winning article complements other research at the University examining the impact of the Deepwater Horizon oil spill. UL Lafayette researchers, including Ackleh and physics professor Dr. Natalia Sidorovskaia, began studying how the disaster affected sperm and beaked whales that live in the Gulf.

The article appeared in the February 2019 issue of *Natural Resource Modeling*, a peer-reviewed journal. Read it here: <https://onlinelibrary.wiley.com/doi/10.1111/nrm.12166> [u7061146.ct.sendgrid.net]

## MESSAGES FROM EVENT ORGANISERS

**Elastec Spring Workshop on river booming and oil recovery.** The Spring Workshop was postponed to July 30 and as a result we still have a few seats available. [More info & Registration](#)

**10th Maritime Salvage & Casualty Response** on 11th & 12th September 2019 in London, UK Jan de Boer, Senior Legal Manager of IMO will give a presentation: "Nairobi Wreck Removal Convention: Latest Updates" [More info](#)

## RESPONSE EVENTS DURING JULY AND AUGUST 2019 (UPDATED)

### CAMBODIA: NATIONAL TRAIN-IMPLEMENT COURSE

Phnom Penh, July 15-19. Attended by nominated officials, this national delivery will assist in the implementation phase of Annexes I, II & V of MARPOL. [More info](#)

### CONGO: WORKSHOP ON CONTINGENCY PLANNING AND ON THE UPDATE OF THE NOSCP

Kinshasa, July 22-26. Objectives - Provide training to relevant national authorities on contingency planning; Test the National Oil Spill Contingency Plan (NOSCP) of DRC through a table top exercise; Initiate amendments to the NOSCP on the basis of lessons learnt from the exercise; Develop recommendations to improve the NOSCP. [More info](#)

### USA: ELASTEC - SPRING WORKSHOP ON RIVER BOOMING AND OIL RECOVERY

Carmi IL, July 30 – August 1. The Spring Workshop was postponed to July 30 and as a result we still have a few seats available. This intensive, hands-on SPRING OIL SPILL WORKSHOP is designed for spill responders who desire in-depth river booming and oil skimmer training. The three day workshop begins with a full day of classroom orientation at Elastec in Carmi, Illinois followed by two rigorous booming and skimmer deployment days on the Wabash River in New Harmony, Indiana. This workshop also qualifies as an 8-hour Hazwoper refresher course. [More info & Registration](#)

## RESPONSE EVENTS DURING JULY AND AUGUST 2019 (CONTINUED)

### 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](#)

## UPCOMING EVENTS - SEPTEMBER 2019 ONWARDS (UPDATED)

COUNTRY	2019	TITLE OF EVENT	LOCATION
<b>For more information click on Title of Event</b>			
NEW ZEALAND	Sept. 3-5	<a href="#">Ecoforum Conference 2019</a>	Auckland
UK	Sept. 3-6	<a href="#">SPE Offshore Europe Conference &amp; Exhibition</a>	Aberdeen
NIGERIA	Sept. 9-11	<a href="#">National workshop on liability and compensation in case of oil spill</a>	Lagos
GREECE	Sept. 10-13	<a href="#">Meeting of the MAP Focal Points</a>	Athens
UK	Sept. 11-12	<a href="#">Maritime Salvage &amp; Casualty Response Conference</a>	London
UK	Sept. 11-12	<a href="#">The Spill Response Expo</a>	Birmingham
UK & IRELAND	Sept. 25-26	<a href="#">ISAA Training Days at Castle Archdale</a>	Enniskillen
BAHREIN	Sep 30 – Oct 1	<a href="#">Global HSE Conference 2019</a>	Bahrein
UK	October 2-4	<a href="#">ITAC Oil Spill Response Forum</a>	Southampton
CROATIA	October 2-5	<a href="#">Pollution Response Challenges in the Mediterranean Conference</a>	Split
USA	October 7-10	<a href="#">Elastec's Fall 2019 River Spill Workshop</a>	Carmi, IL
NORWAY	October 14-18	<a href="#">NOSCA Seminar 2019</a>	Frøya
UAE	October 15-17	<a href="#">RECSO Envirospill Conference &amp; Exhibition</a>	Abu Dhabi
SINGAPORE	October 21-24	<a href="#">International Chemical and Oil Pollution Conference and Exhibition</a>	Singapore
UK	Oct. 28 – Nov. 1	<a href="#">Meetings of the IOPC Funds Governing Bodies</a>	London
USA	October 28-31	<a href="#">Clean Gulf Conference and Exhibition</a>	New Orleans, LA
SOUTH AFRICA	October 28-31	<a href="#">8th GI WACAF Regional Conference</a>	Cape Town
CANADA	October 29-31	<a href="#">Arctic Shipping Forum North America</a>	Montreal
TUNISIA	Nov. 13-14	<a href="#">Incident Management System Training Workshop</a>	Tunis
FRANCE	November 21	Cedre Technical Day	Brest
UAE	Dec. 8-10	<a href="#">Middle East HSE and Sustainability Week</a>	Dubai
COUNTRY	2020	TITLE OF EVENT	LOCATION
USA	May 11-14	<a href="#">International Oil Spill Conference &amp; Exhibition</a>	New Orleans, LA
CANADA	June 2-4	43rd AMOP Technical Seminar on Environmental Contamination and Response.	Edmonton, Alberta
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

Note: Where a dedicated event URL is not available an email address for requesting more info is given

## LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

<a href="#">Alga Chronicle</a>	News from Australia on Contaminated Land Remediation	June 2019
<a href="#">AMSA Update</a>	Latest news from the Australian Maritime Safety Authority	Current issue
<a href="#">ATRAC Newsletter</a>	News from the Adriatic Training and Research Centre	June 2019
<a href="#">AUSMEPA Bulletin</a>	News from the Australian Marine Environment Protection Assoc'n	Summer 2019
<a href="#">BIMCO Bulletin</a>	Marine and shipping-related news from BIMCO	June 2019
<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	May 2019
<a href="#">Clean Nigeria Associates Newsletter</a>	News from CNA about Oil Spill Response in Nigeria	December 2018
<a href="#">EMSA Newsletter</a>	News from the European Maritime Safety Agency	July 2019
<a href="#">GEF Newsletter</a>	Monthly Newsletter from the Global Environment Facility	July 2019
<a href="#">GISEA Quarterly Newsletter</a>	News from Global Initiative for South-East Asia	April 2019
<a href="#">IMO News Magazine</a>	News from the International Maritime Organization	Summer 2019
<a href="#">IMO Publishing Newsletter</a>	New and forthcoming IMO publications	June 2019

## LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS (CONTINUED)

<a href="#">JOIFF "The Catalyst"</a>	Int'l Organisation for Industrial Hazard Management	April 2019 issue
<a href="#">Maritime Executive Magazine</a>	Often contains articles of interest to the spill response community	Jan.-Feb. 2019
<a href="#">MOIG Newsletter</a>	News from the Mediterranean Oil Industry Group	April 2019 issue
<a href="#">Nautical Institute News</a>	News from the Nautical Institute	March, 2019
<a href="#">Navigate Response</a>	Global crisis communications network for shipping & marine	June 2019
<a href="#">NOAA OR&amp;R</a>	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
<a href="#">Oceanbuzz</a>	Newsletter giving news on the Ocean Technology Industry	Current issue
<a href="#">OCIMF Newsletter</a>	News from the Oil Companies International Marine Forum	June 2019
<a href="#">OHMSETT Gazette</a>	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Fall 2018
<a href="#">OSPAR Newsletter</a>	Protecting & Conserving the N.E. Atlantic and its resources	Spring 2019
<a href="#">PEMSEA Newsletter</a>	Healthy oceans, people and economies in the East Asian Seas	June, 2019
<a href="#">Pollution Online Newsletter</a>	News for pollution prevention & control professionals	April 3, 2019
<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	Current issue
<a href="#">Technology Innovation News Survey</a>	News from US EPA – Contaminated Site Decontamination	May 16-31, 2019
<a href="#">USA EPA Tech Direct</a>	Remediation of contaminated soil and groundwater	July 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)

### USA: NOAA OR&R RESPONSES DURING JUNE 2019

During this month OR&R responded to 17 incidents, including oil discharges, sunken vessels, and a blue whale carcass. Click on the links below to look at details of these incidents.

- [Blue whale carcass](#)
- [Mystery Sheen MP25](#)
- [M/V SUN OF MAN 30 gallon diesel fuel discharge](#)
- [F/V Alina](#)
- [Towing Vessel KAYTLIN MARIE / M/V CENTURY QUEEN Collision](#)
- [Mystery Sheen Viosca Knoll 900A](#)
- [ALGOMA NIAGARA Grounding and Anchoring Near Pipeline](#)
- [Linder Oil Atchafalaya Basin](#)
- [Philadelphia Energy Solutions Refinery Fires and Explosions](#)
- [Sheen report near Point Sur, CA](#)
- [Vessel Grounding M/V Timber Navigator](#)
- [Poydras Energy Well Head , Main Pass Block 32](#)
- [Westlake Mercury Release](#)
- [Republic Steel Black River Sheen](#)
- [1500GAL Diesel Fuel, Violet, LA](#)
- [Olympic Tug and Barge Grounding](#)

### USA: THREE TUGBOATS SINK ON ILLINOIS RIVER

July 7 - The U.S. Coast Guard is responding to three tugboats that sunk on the Illinois River near Hardin, Illinois, on Sunday. The Coast Guard received a report on Friday of three tugboats and a deck barge that were tied together and taking on water at mile marker 21 on the Illinois River. The tugboats are holding approximately 4,850 gallons of diesel and oil. The Maritime Executive / [Read more](#)

### USA: ONE MISSING AFTER BARGE EXPLOSION IN ALASKA



July 8 - U.S. Coast Guard crews have given up the search for a 49-year-old Cordova man who went missing after an explosion and subsequent fire on a fixed barge at Delong Dock in Whittier, Alaska, shortly after midnight on Monday.

The fire has now been extinguished, but the fishing vessel and barge sank in 85 feet of water at the pier with a potential maximum of 5,500 gallons of fuel oil aboard. The fishing vessel owners have contracted Global Diving and Salvage for clean-up and salvage efforts.

The Maritime Executive / [Read more](#)

### USA: ALABAMA - 3M TO TEST FOR MORE CHEMICALS LEAKING INTO RIVER IN DECATUR

July 8 - 3M has agreed to test three closed landfills near its Decatur plant on the Tennessee River to see whether they may still be releasing cancer-linked chemicals PFOA and PFOS into the river or groundwater. Aol.com / [Read more](#)



### USA: SOUTH CAROLINA - COAST GUARD LOOKING FOR INFORMATION AFTER REPORTED FUEL SPILL IN SHEM CREEK

July 8 - The United States Coast Guard is looking for more information after reports came in of fuel spilling into Shem Creek over the weekend. The source of the reported spill is still unknown, and the Coast Guard has since closed their investigation until they can get more information. Live5News / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

### RUSSIA: VICTIMS OF FIRE ON RUSSIAN SUBMARINE AVERTED "CATASTROPHE"

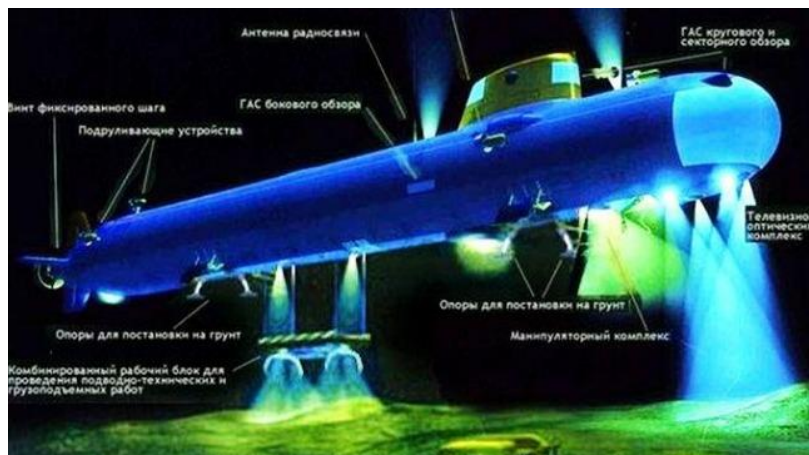


Image: Artists' depiction of the Losharik (social media)

July 8 - The victims of the recent fire aboard a Russian nuclear-powered spy sub helped avert a "planetary catastrophe," according to a top Russian military official.

Speaking at a ceremony for the 14 crewmembers who died in a battery compartment fire on July 1, an unnamed official said that "at the cost of their lives, they saved the lives of their comrades, saved the ship, [and] did not allow a planetary catastrophe," according to Russian outlet Open Media. Russia's defense ministry has confirmed that the sub was nuclear powered, and the Kremlin asserts that it poses no risk to health and safety.

"The nuclear reactor on the vessel is completely isolated," Russian defense minister Sergei Shoigu said in an official statement last Thursday. "All the necessary measures were taken by the crew to protect the reactor, which is in complete working order." The Maritime Executive / [Read more](#) Related report in [gCaptain](#)

### SOUTH AFRICA: REFUELLING UNDER SCRUTINY AS PENGUINS HIT BY OIL SPILL

July 10 - Rangers in wet suits have been searching for oil-tarred penguins in shallow water around St Croix Island off the South African coast as a refuelling spill highlights conservationists' fears over pollution. Experts said an unknown number of penguins had been affected on the rocky, uninhabited island, which is home to the largest breeding colony of endangered African penguins in the world.

A Liberian-flagged ship spewed between 200 and 400 litres of oil into the sea off Port Elizabeth city during "bunkering" re-fuelling -- the process of filling a ship with fuel from another vessel. Bangkok Post / [Read more](#)

### USA: CALIFORNIA - CHEVRON SPILLS 800,000 GALLONS OF OIL AND WATER IN KERN COUNTY CANYON

July 12 - Chevron reported that 794,000 gallons of oil and water have leaked out of the ground where it uses steam injection to extract oil in the large Cymric Oil Field about 35 miles west of Bakersfield. The steam softens the thick crude so it can flow more readily — a different process from fracking, which breaks up underground layers of rock. About 70% of the leaked fluid is water, Chevron said, meaning about 240,000 gallons of the mixture is oil. LA Times / [Read more](#)

### MEXICO: SULFURIC ACID LEAK IN SEA OF CORTEZ A 'WAKE-UP CALL'

July 12 - Mexico's largest mining company, Grupo México, spilled about 3,000 liters of sulfuric acid into the Sea of Cortez on Tuesday. The leak started around 3 p.m. when a valve connecting two hoses failed as ships were being loaded with the acid at the company's facility in the Port of Guaymas.

Grupo México said in a news release that employees closed the valves and started pumping the acid back in to tanks within minutes. But some of the acid had already flowed into the sea. Fronteras Desk / [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](http://www.spillcontrol.org) and your acceptance of ISCO's Data Protection and Privacy Policy.

---