

ISCO & THE ISCO NEWSLETTER

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

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

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INTERNATIONAL NEWS

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



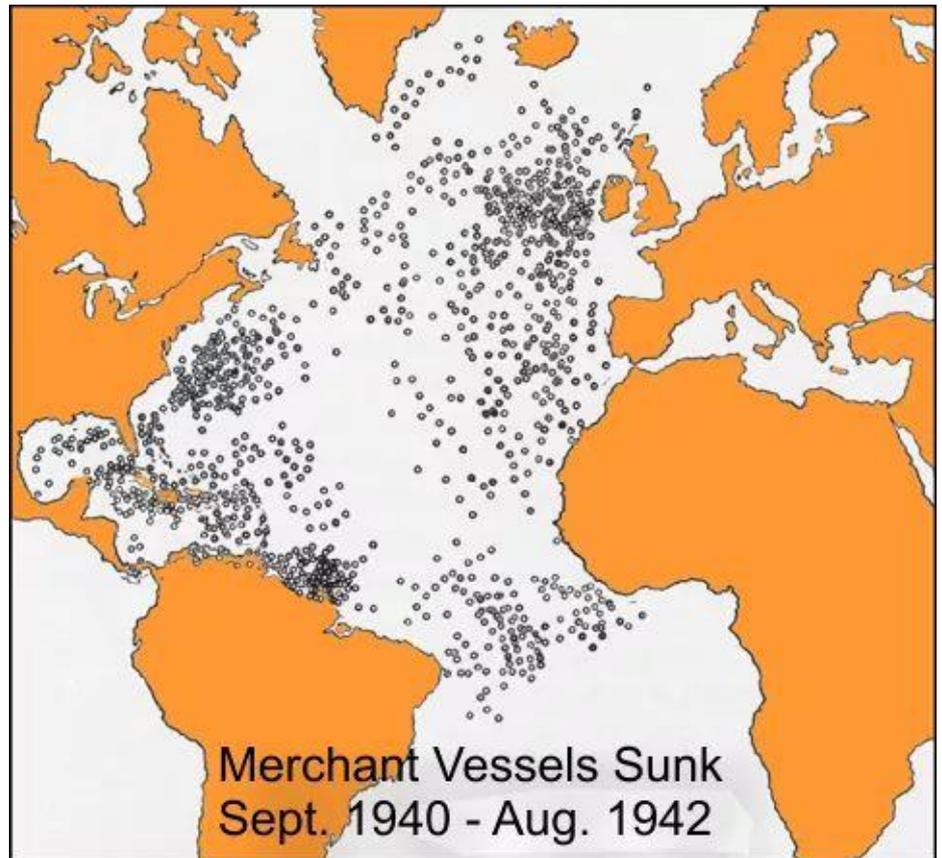
The premier annual event for planning, preparedness and response for oil and hazardous materials spills

October 28-31, 2019
New Orleans, LA

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WW2 WRECKS MAY BE SOURCE OF OIL SPILL THAT IMPACTED BRAZIL

As well as a potential for many other future spills in the Atlantic



The map (above) covers only 1940-1942 but WW2 sinkings continued until 1945. Over the years 1939-1945 the number of vessels sunk was estimated at 3,474.

The cause of the oil pollution on Brazil's N. E. Coast remains a mystery despite all efforts to identify the source.

Several possibilities have been suggested including one that it may be fuel oil from one or two German vessels sunk in 1944. The rationale for the source being the two WWII

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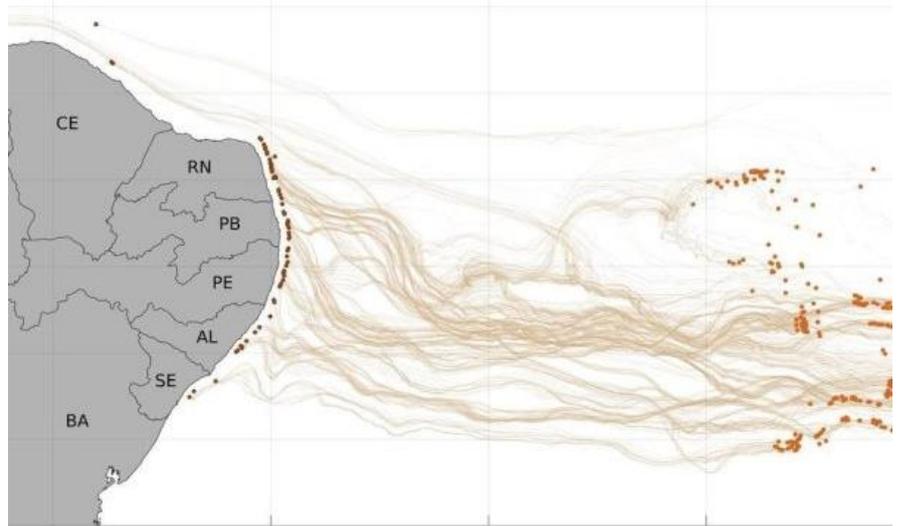
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INTERNATIONAL NEWS (CONTINUED)

German wrecks is that the oil is clearly not crude oil but fuel oil (only fuel oil lets you roll it up when cold) but also because they had rubber arriving on the same beaches and the cargo of the two ships cargo was rubber. For more background see the article by ISCO Secretary Matthew Sommerville in last week's Issue of the ISCO Newsletter.

Carlos Sagrera, MSc, MISCO, Member of ISCO Council for Panama, writes "The map of Brazil (see below) and the direction of the sea currents that show the possible direction of the oil spill in the Atlantic Ocean... because it is the only scientific approach about the area of origin until today (Universidade Federal do Rio de Janeiro (UFRJ)).



See - <https://bahia.ba/brasil/pesquisa-da-ufrij-determina-area-mais-provavel-de-origem-do-oleo-que-atinge-costa-do-ne/>

Or, in English - <https://www.translatetheweb.com/?from=&to=en&dl=en&a=https%3A%2F%2Fbahia.ba%2Fbrasil%2Fpesquisa-da-ufrij-determina-area-mais-provavel-de-origem-do-oleo-que-atinge-costa-do-ne%2F>

Matthew Sommerville has commented – "As for the map and modelling it indicates a clear potential source to the east of Brazil. Contrary to early Brazil government statements that sought to blame Venezuela.

The models don't come to a point source but then the modelling is only as good as the data and the university are working with reported oil arrival times and limited weather information.

The exact location of the two German ships is not public but known to the company that found them and the cargo of rubber ties up with what was arriving on the beaches".

Other possible sources mentioned so far include Venezuela, a "ghost" ship carrying oil in breach of sanctions, and a criminal act designed to harm a major oil auction.

Read more updates on the Brazil pollution in Incident Reports on Page 13. [Thanks to Carlos Sagrera. MSc, MISCO, Member of ISCO Council for Panama and Matthew Sommerville, Secretary of ISCO, for their contributions to this article]

PROGRESS IN COMBATTING ILLICIT SHIP POLLUTION IN THE MEDITERRANEAN

October 18 - A proposed "Blue Fund" to help combat illicit ship pollution in the Mediterranean is set to be studied by States and stakeholders working to protect the Mediterranean marine environment.

This was agreed at a meeting of the regional network for law enforcement officials of the Mediterranean, known as MENELAS* - organized by REMPEC, the IMO-administered pollution emergency response centre in the Mediterranean.

The meeting in Valletta, Malta (15-16 October) involved 13 Contracting Parties to the Barcelona Convention (12 Mediterranean coastal States and the European Union) as well as 5 regional and international organisations.

Participants discussed new administrative and judicial cooperation tools, such as the harmonisation of pecuniary sanctions (penalties) for illicit ship



pollution discharges among countries in the Mediterranean. They shared experiences in effective law enforcement practices and agreed to continue work on a draft common marine oil pollution detection/investigation report. They also agreed to review existing applicable sanctions at national level with regard to illicit ship pollution discharges, and to prepare a draft decision applying criteria for a common minimum level of fines for each offense provided for under the Annexes to IMO's MARPOL treaty.

* Mediterranean Network of Law Enforcement Officials relating to MARPOL within the framework of the Barcelona Convention (MENELAS) IMO / [Read more](#)

WORKSHOP ON A COMMON EMERGENCY COMMUNICATION SYSTEM FOR THE MEDITERRANEAN



October 22 - The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC), in collaboration with the Directorate-General for European Civil Protection and Humanitarian Aid Operations (DG ECHO), co-organised a regional Workshop on the use of the Common Emergency Communication and Information System for Marine Pollution (CECIS Marine Pollution), held from 22-23 October 2019 in the premises of DG ECHO, Brussels, Belgium. This activity was co-financed by the European Commission and REMPEC in the framework of the Project Western Mediterranean Region Marine Oil and HNS Pollution Cooperation (West MOPoCo).

Overall, 21 representatives of the competent authorities responsible for preparedness for and response to accidental marine pollution from the Mediterranean

countries attended the Workshop, namely Albania, Algeria, Bosnia & Herzegovina, Egypt, France, Israel, Malta, Montenegro, Morocco, Spain, Tunisia and Turkey. REMPEC / [Read more](#)

NEW ELEMENT IN TMSA PROGRAMME TO ADDRESS HUMAN ELEMENT IN TANKER SPILLS

October 22 - ExxonMobil's International Marine Transportation aims to produce another significant step change in preventing oil spills at sea through adding a new element that addresses the human element to the Tanker Management and Self Assessment (TMSA) programme.

In a keynote address to the International Chemical and Oil Pollution Conference and Exhibition (ICOPCE) in Singapore, Jonathan Evans, managing director, International Marine Transportation Singapore, Fuels and Lubricants, ExxonMobil, said: "We can see a significant improvement over the last 40 years but we are still having spills to water and any spill is one too many." SeaTrade / [Read more](#)

MEPSEAS: COMPLETION OF THE NATIONAL TRAIN-IMPLEMENT COURSES

October 14 - All 7 MEPSEAS countries have completed the National Train-Implement Courses relating to 3 marine environment protection conventions - The main objective of the training courses was to build up the participating countries' capacity to effectively implement their selected high-priority IMO Conventions including the Control of Harmful Anti-Fouling Systems on Ships (AFS) Convention, the Ballast Water Management (BWM) Convention, and Annex V of the Convention for the Prevention of Pollution from Ships (MARPOL). This was achieved by continuing the Legal, Policy and Institutional Reforms (LPIR) process initiated under the IMO-Norad Foundation Project (2013-2017) through the delivery of a specialized training package, developed by IMO using the Train-X methodology under the MEPSEAS Project. The package, generically named Train-Implement was focused on implementing the selected IMO conventions into national legislation. MEPSEAS / [Read more](#)

CYPRUS, EGYPT AND GREECE EMBARK ON DEVISING A CONTINGENCY PLAN ON MARINE OIL POLLUTION

October 22 - The inaugural meeting of the national competent authorities for the development of the Sub-regional Marine Oil Pollution Contingency Plan between Cyprus, Egypt and Greece took place on 9-10 October 2019 in Piraeus, a seaside suburb of Athens that hosts one of the main ports in Greece.

REMPEC organized the meeting, which marked the launch of a process that would culminate in the adoption of the sub-regional contingency plan by the three countries in 2020. In his opening statement, the Coordinator of UNEP/Mediterranean Action Plan—Barcelona Convention Secretariat Gaetano Leone welcomed this initiative that will further strengthen the capacity of the three Mediterranean coastal States to respond to marine pollution incidents in a coordinated and efficient manner. UNEP / [Read more](#)

Your editor monitors a limited number of websites for news (in English language) of interest to the international spill response community but does not have the resources to visit multiple social media platforms. If you have news you would like to share with readers of the ISCO Newsletter in over 60 countries (probably including your own country), you should send it by email to the editor john.mcmurtrie@spillcontrol.org

AUSTRALIA: DANGEROUS CHEMICALS IN BURNT VIC WAREHOUSE

October 20 - Up to 10 million litres of dangerous chemicals have been found in barrels in a burned-out Melbourne warehouse, a year after an explosive blaze destroyed the building. Victoria's Environment Protection Authority and Worksafe have ordered the owners of the Tottenham warehouse to clean it up by August next year. "Of an estimated 7-15 million cubic metres of waste to be cleaned up, around 7-10 million litres are estimated to be residual chemicals, including dangerous goods," the authorities said in a statement. Yahoo News / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

GREECE & AUSTRALIA: HELMEPA – AMSA COOPERATION FOR SAFETY AND THE ENVIRONMENT

October 7 - On Thursday, 3 October 2019, associate member company CERES in Piraeus, hosted an event organized by HELMEPA in the context of the long standing cooperation of the association with AMSA, the Australian Maritime Safety Authority. Mr Mick Kinley, AMSA's CEO, delivered a presentation on Australia's policy on the control of foreign flag vessels trading at that great island continent. HELMEPA / [Read more](#)

GUYANA SECURES FINANCIAL PROTECTION AGAINST OIL SPILLS – RESPONSE EXERCISES TO BE HELD ANNUALLY



In the picture: CDC Head, Kester Craig

October 18 - The Civil Defence Commission (CDC) along with other stakeholders have embedded several provisions in Guyana's draft National Oil Spill Contingency Plan which ensures the polluter pays for any spill that is discovered. In fact, the draft plan that was perused by Kaieteur News notes that the polluter will cover costs that range from product loss, clean-up measures and restoration. Where funds are found to be insufficient, Guyana would then cover same and ensure that it is reimbursed by the polluter. In cases where costs of clean-up exceed the limited liability of the owner of the ship, the draft plan notes that Guyana would make a claim to the International Oil Pollution Compensation Fund. Kaieteur News / [Read more](#)

INDIA LOOKS TO CONSOLIDATE OIL-SPILL HANDLING EQUIPMENT AT PORTS

October 18 - India is bolstering its readiness to handle potential oil spill disasters along its 7,500-km coastline. It wants to consolidate its oil spill handling equipment at a few major centres for better upkeep. At present, the equipment lie scattered across 12 major ports and some of the 44 functional non-major ports and are often unutilised. At present, almost all major ports and some non-major ports have bought oil spill response equipment and trained their staff to deal with emergencies that arise from oil spills. The Hindu / [Read more](#)

IRAQ: MICROBES OFFER HOPE OF CLEANING UP CONFLICT'S POLLUTION LEGACY



Photo: Jassim Humadi inspecting the newly established pilot biological treatment cell at North Oil Company's headquarters. Photo by Hassan Partow/UNEP

October 23 - A biological remediation pilot project seeking to enhance nature's own ability to clear up oil spills in Iraq's conflict-affected areas has been launched in Kirkuk by the United Nations Environment Programme (UNEP) in collaboration with the state-owned North Oil Company and the Ministry of Health and Environment, and facilitation support from the UN Assistance Mission in Iraq. The initiative seeks to harness naturally occurring soil bacteria as a powerful natural ally to decontaminate poisoned land.

Rivers of crude oil flowed through Qayyarah's streets and into seasonal wadis as oil wells spewed tens of thousands of barrels of oil relentlessly for months. The specter of an even worse environmental catastrophe was heightened as the oil slick migrated to less than three kilometers from the mainstem of the Tigris River, Iraq's water lifeline. Following an epic battle to control the oil fires that took nearly a year, North Oil Company, which manages the oil fields of northern Iraq, is currently collecting an estimated 20,000 tonnes of remaining oil waste in Qayyarah into around a dozen large pits. UNEP / [Read more](#)

ITALY: BARCELONA CONVENTION ACTIVITIES IN THE MEDITERRANEAN AND THE COP21 FROM 2 TO 5 DECEMBER 2019 IN NAPLES



October 22 - UNEP/MAP—Barcelona Convention with the Host Country Italy, are pleased to announce logo and hashtag of [#COP21Napoli](#) [#BarcelonaConvention](#).

At the occasion of the 21st Conference of the Contracting Parties to the Barcelona Convention and its Protocols (COP21) from 2 to 5 December 2019, we are welcoming decision-makers, experts, civil society, NGOs, youth and private sector representatives in Naples, Italy, to debate and take action for a healthy Mediterranean Sea and Coast.

Follow-up the latest News and Activities of the UNEP/MAP-Barcelona Convention system on the UNEP/MAP Twitter Page <https://twitter.com/UNEPMAPNews> (@UNEPMAPNews)

To know more about the Programme, Participants, News, Events, etc. about COP21, check the Website of the event on <http://www.cop21med-italy.net> REMPEC / [Read more](#)

JAPAN: VISIT BY IOPC FUNDS

October 22 - The IOPC Funds' Director, Mr José Maura, travelled with the Legal Counsel, Mr Kensuke Kobayashi, to Tokyo, Japan during the week of 14 October 2019 to meet with both Japanese Government representatives and contributors to the IOPC Funds. The Director held fruitful meetings with the Chairman of the Petroleum Industry Marine Association of Japan (PIMA), Mr Saita and with the Maritime Bureau Director-General, Mr Otsubo and other officers at the Ministry of Land, Infrastructure, Transport and Tourism (MLIT).

The Director and Legal Counsel also took the opportunity to visit the National Strike Team of the Japanese Coast Guard, in Yokohama. The National Strike Team is specially trained to respond to oil spills and spills of hazardous and noxious substances. IOPC Funds / [Read more](#)

MEXICO SETS HIGH PRIORITY ON IMO LEGAL CONVENTIONS

October 11 - The maritime authorities of the Government of Mexico have agreed to place a high priority on ratifying three important IMO legal conventions, following a workshop in Mexico City.

Mexico has said it will work towards ratifying the 2003 [Fund Protocol](#), the 2001 [Bunkers Convention](#) and the 2007 Nairobi [Wreck Removal Convention](#). It will also consider accession to the 2010 [HNS Convention](#). The Governments of Guatemala and Honduras expressed similar intent.

Both the Fund Protocol and the Bunkers Convention deal with compensation following oil spills from ships. Together with the 1992 Civil Liability and Fund Conventions, to which Mexico is already a State Party, they provide a framework to ensure that funds are available to compensate spill victims while, at the same time, establishing limits of liability. The Nairobi Wreck Removal Convention provides the legal basis for States to remove shipwrecks that may put the safety of lives and the marine environment, as well as goods and property at sea, at risk. IMO / [Read more](#)

NIGERIA: PHASE 2 BODO CLEANUP ASSESSMENT AND VERIFICATION BY SCAT

October 22 - During Phase 2 cleanup at Bodo starting in 2019, the Bodo Mediation Initiative (BMI) will use the internationally accepted Shoreline Cleanup Assessment Technique (SCAT) to determine the level of oiling at specific locations and to confirm that contractors have removed the contamination to the required level depending on land use and as approved by the regulatory agencies. The SCAT process was previously applied during Phase 1 in 2017 and 2018 for both pre-cleanup and post-cleanup site assessments and contractor monitoring.

The SCAT field team consists of representatives from the regulators (the federal agencies of National Oil Spill Detection and Response Agency (NOSDRA) and Department of Petroleum Resources (DPR), and from Rivers State Ministry of Environment), the Bodo community, Shell Petroleum Development Company (SPDC), and international experts. In the field, the level of oiling observed in pits 25 to 40 cm deep and the overall site conditions are mutually agreed upon and representatives sign each field form in confirmation. The 1000 hectares work area is subdivided into over 350 smaller units called grids. If a grid is confirmed by SCAT as meeting Phase 2 cleanup criteria, the information is submitted to the BMI Director for verification. This process does not usurp any regulatory requirements but works with them to ensure that work is appropriately done with respect to the specific environmental conditions of the creeks and former mangrove areas of Bodo. ND Link / [Read more](#)

PAKISTAN PURSUES TRANSFORMATIVE CHEMICALS AND WASTE MANAGEMENT PROJECT

October - Strong economic growth and continuing industrialization in Pakistan has led to an uncontrolled increase in waste production. The country generates about 20 million tonnes of solid waste every year, which has been increasing at a rate of over 2 per cent

annually. Pakistan's largest city, Karachi, generates over 13,500 tonnes of solid waste every day. Much of this waste is burned or dumped in open-air landfills, creating a serious risk to the environment and public health.

Among the biggest challenges facing Pakistan as it seeks to confront this issue is a lack of legislation or substantial policy for the management of hazardous waste, as well as an absence of adequate inventories of chemicals present in the country. Pakistan has ratified the Basel, Rotterdam and Stockholm conventions, but weak institutional capacity continues to be a hurdle in the implementation of these international agreements.

To help tackle this problem head on, Pakistan is partnering with the Chemicals and Waste Management Programme on an ambitious three-year project to strengthen institutional capacity and also develop, adopt, monitor and enforce a sustainable chemical and hazardous waste management policy. The project will also see Pakistan gain greater access to financial and other resources for effective adoption and implementation of the conventions relevant to the sound management of chemicals and hazardous wastes throughout their life cycle. UNEP / [Read more](#)

SINGAPORE: SINGAPORE: MPA HOLDS MULTI-AGENCY CHEMICAL SPILL EXERCISE



Photo: water curtain dispersing the simulated Xylene fumes

October 24 - Organised by the Maritime and Port Authority of Singapore (MPA), the Chemical Spill Exercise (ChemSpill Ex) 2019 tested the readiness and response capabilities of Singapore in managing chemical spills that happen at sea.

The exercise was held as a post-conference event on the last day of the International Chemical and Oil Pollution Conference and Exhibition (ICOPCE) on 24 Oct 2019, which focused on marine pollution prevention and incident management strategies.

150 personnel from 20 agencies, including the MPA, Singapore Police Coast Guard, the Republic of Singapore

Navy and the Singapore Civil Defence Force participated in ChemSpill Ex 2019, which comprised a tabletop and a seaward equipment deployment exercise. Some 40 ICOPCE delegates, as well as 28 international participants of the Maritime Public Leaders' Programme observed the exercise located along Raffles Reserved Anchorage.

Simulating the collision of two tankers at Sinki Fairway that resulted in the spillage of 500 tonnes of Xylene into the sea, the exercise deployed chemical protective gears, gas detectors and chemical containment booms in managing the chemical spill incident. As part of the exercise, two personnel were also medically evacuated using height rescue techniques. They were treated for the inhalation of Xylene, which can cause headache, nausea and dizziness amongst other symptoms. Sea News / [Read more](#)

SPAIN, IMO SIGN MOU TO PROMOTE TECHNICAL ASSISTANCE

October 24 - Spain and IMO have signed a Memorandum of Understanding on technical cooperation activities to support capacity-building activities in English and Spanish-speaking countries. These activities will support implementation of IMO regulations, raise awareness of IMO's mandate and contribute to sustainable maritime transport and the implementation of the United Nations 2030 Agenda for Sustainable Development.

The MoU covers a wide range of technical cooperation areas, including: search and rescue; maritime training and the human element; passenger ship safety; maritime communications and navigation; fishing vessel safety; port reception facilities; casualty investigation; air pollution reduction; oil and chemical pollution response; maritime legislation; maritime single window; liability and compensation regime.; flag, port and coastal State jurisdiction; framework and Procedures for the IMO Member State Audit Scheme; and national maritime transport policies.



The MoU was signed by Mr. Benito Nuñez Quintanilla, the Director-General for Merchant Marine, and IMO Secretary-General Kitack Lim, during the Torremolinos Ministerial Conference on Safety of Fishing Vessels and Illegal, Unregulated and Unreported Fishing (21-23 October). The MoU replaces and updates a previous one signed in 2009. IMO / [Read more](#)

UAE: RECSO HOSTS FIRST GLOBAL OIL SPILL CONFERENCE



Photo: AbdulAziz Somali and Majed Saber from Saudi Aramco's Marine Department brief visitors. Photo: Saudi Aramco

October 25 - The Regional Clean Sea Organization (RECSO), an oil industry co-operative organisation in the Middle East, has hosted First RECSO Enviro Spill Conference and Exhibition.

In delivering the keynote speech at the opening ceremony, Abdulhakim A. Al-Gouhi, vice president of Industrial Services with Saudi Aramco, called on members to collaborate to protect the pristine Gulf environment through prevention, preparedness, and response.

"We come together to demonstrate our unlimited commitment toward protecting the marine environment from any harmful effects of pollution, in general, and of oil spills in particular," said Al-Gouhi.

He noted that Saudi Aramco demonstrated its expertise in oil spill mitigation at the height of the Gulf War in 1991, when an estimated 8 to 11 million barrels of oil were released in what is thought to be the largest oil spill in human history, and established oil spill contingency plans, response teams, training programs, and oil spill drills that put Saudi Aramco at the forefront of the industry. Maritime Logistics / [Read more](#)

USA: VIRGINIA - VIMS CONTRIBUTES TO MAJOR OIL-SPILL DRILL ON EASTERN SHORE

October 20 - Virginia's Eastern Shore preserves some of the most pristine barrier islands and saltmarshes in the world. Just offshore lies a busy shipping lane traversed by vessels moving between the ports of the Chesapeake Bay, Delaware Bay and the New York-New Jersey metropolis.

With that background, a myriad of federal, state and local agencies held a major oil-spill drill in Accomack County last week. The drill —part of the National Preparedness for Response Exercise Program, or PREP — was based on a scenario in which a container ship moving north 20 miles off Virginia's seaside Eastern Shore strikes an unknown object and discharges 2,500 barrels of heavy fuel oil. The crew discovers the spill two hours later and notifies authorities. By that time, winds and currents have put the spilled oil on a collision course with the beaches and tidal marshes of Parramore and Cedar islands. South Side Daily / [Read more](#)

USA: WASHINGTON - DISTRICT PARTICIPATES IN NORTHWEST OIL SPILL CONTROL COURSE

Photo: Courtesy Photo | Students participating in the Northwest Oil Spill Control Course transfer from an Arrow Launch Service vessel to the M/V Puget. As part of an international cooperation to prepare for a hazardous spill response on Puget Sound, Seattle District participated in the Northwest Oil Spill Control Course hosted by the United States Coast Guard, District 13 August 26-30.

October 24 - As part of an international cooperation to prepare for a hazardous spill response on Puget Sound, Seattle District participated in the Northwest Oil Spill Control Course hosted by the United States Coast Guard, District 13 August 26-30. Other participants included National Oceanic and Atmospheric Administration, Washington Department of Ecology, BNSF, ExxonMobil and the Western Canada Marine Response Corporation.

Puget Sound offers a unique blend of recreation, fishing and commercial traffic. If there is a spill, it can threaten wildlife, aquatic species, shoreline habitat and nearby infrastructure. Teams from different agencies train together to respond to such an event.

Environmental compliance program manager Brian Wilson delivered instruction throughout the week, while the Corps' vessel Puget crew demonstrated deploying the U.S. Coast Guard's Dynamic Inclined Plane (DIP) 600 Skimmer equipment near the Strait of Juan de Fuca while interacting with students and other marine response vessels. DVIDS / [Read more](#)



USA: LATEST ACTIVITY REPORTS FROM NOAA OR&R

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

[\\$28 Million to Restore Marine Resources Damaged by Pollution](#)

What can \$28 million do to restore polluted waters across America? In the 2019 fiscal year, NOAA worked with our co-trustees to reach settlements to restore natural resources injured by pollution. [Explore our story map to learn more about what \\$28 million means for waters across America.](#)

[Environmental Response to Oil Spills Training in Santa Barbara, California](#)

OR&R's Emergency Response Division assisted California's Office of Spill Prevention and Response (OSPR) to provide oil spill science training to up-and-coming California spill responders this past week.

[NYC Students Take a Scientific Snapshot at "Day in the Life of the Hudson and Harbor" Event](#)

OR&R joined the New York State Department of Environmental Conservation and public school teachers and students in Brooklyn, New York, on October 22 for the annual [Day in the Life of the Hudson and Harbor](#) event.

[Marine Debris Research in New England](#)

During the week of October 14, NOAA Marine Debris Program Research Coordinator, Carlie Herring, and NOAA Marine Debris Program Northeast Regional Coordinator, Demi Fox, participated in a research road trip through New England.

[Moss Landing Marine Labs' Seminar Series](#)

On October 10, NOAA Marine Debris Program California Regional Coordinator, Sherry Lippiatt, spoke at Moss Landing Marine Labs in Moss Landing, California, as part of their Seminar Series.

[RESTORE Act Award Shines Light on Deep-Sea Fauna in the Gulf of Mexico](#)

The deep-pelagic is both the largest and least-understood habitat in the Gulf of Mexico. Dan Hahn, of OR&R's Assessment and Restoration Division is on a diverse team of federal and academic scientists working to better understand the abundance and diversity of life in these dark waters. The team, led by Tracey Sutton, was recently awarded \$2.8 million from NOAA's RESTORE Science Program to support this important research.

[Gulf of Mexico Marine Debris Mid-year Meeting and Workshop](#)

On October 8 and 9, members of NOAA Marine Debris Program collaborated with the [Gulf of Mexico Alliance](#) (GOMA) and the Environmental Protection Agency to engage more than 60 partners at the GOMA Team Initiative meeting in Texas that aimed to tackle marine debris.

[Literature Review on the Effects of Pollution on Marine Organisms Published](#)

The 2018 literature review on the Effects of Pollution on Marine Organisms, authored by three OR&R scientists and partners, has been published in the October 2019 issue of Water Environment Research.

[Industry, Trustees and Partners Meet to Collaboratively Advance NRDA Science and Practice](#)

A diverse array of stakeholders gathered to share information regarding scientific, economic and legal issues to advance the Natural Resource Damage Assessment practice.

[OR&R at Spills Advisory Group at American Petroleum Institute](#)

OR&R's Emergency Response Division Chief, Scott Lundgren, participated in the biennial Spills Advisory Group on October 9, hosted by the American Petroleum Institute and bringing together representatives of state and federal government, non-government organizations, academia, petroleum industry, and cleanup organizations for information sharing on spill preparedness and response.

[OR&R Supports Virginia Eastern Shore Oil Spill Exercise](#)

Virginia's barrier islands are remote, ecologically valuable, and highly sensitive to oil spills. Given its critical importance, the United Nations designated the Virginia barrier islands as a Biosphere Reserve.

[Marine Debris Shoreline Monitoring Training](#)

On October 10, NOAA Marine Debris Program Chief Scientist, Amy Uhrin, and NOAA Marine Debris Program Research Coordinator, Carlie Herring, led an intra-Program training on marine debris shoreline monitoring methods at Sandy Point State Park in Annapolis, Maryland.

[XPRIZE Visioneering Event](#)

In early October, NOAA Marine Debris Program Division Chief, Nancy Wallace, attended the [XPRIZE Visioneering](#) event in Los Angeles. Attendees help XPRIZE refine and iterate how they tackle global challenges, learn from one another about breakthrough efforts being conducted across the world, and hear and experience new exponential technologies that are reshaping society.

NEWS REPORTS FROM AROUND THE WORLD (CONTINUED)

[Leaders Gather as Ground Breaks on an Urban Wetland in Wilmington, Delaware](#)

The groundbreaking of a new urban wetland in Wilmington, Delaware was held on October 18, at a gathering that included Delaware Governor John Carney, Senator Chris Coons, Mayor Mike Purzycki and other community leaders.

PEOPLE IN THE NEWS

RETIREMENT CEREMONY HELD FOR DAVE WESTERHOLM; SCOTT LUNDGREN NAMED AS THE NEXT DIRECTOR OF THE OFFICE OF RESPONSE & RESTORATION.



October 24 - Yesterday was the Official Retirement Ceremony for Dave Westerholm, NOAA's Office of Response & Restoration Director. Members of SCAA; Executive Director Justin Russell, John Allen, and Brian House (MER) attended and presented Dave with a gift from SCAA. His long presence and participation with the SCAA membership was recognized. SCAA representatives wished him well.

Dave has led OR&R in its response to both immediate crises and long-term emerging priorities related to oil and chemical spill responses, restoration, marine debris, and disaster preparedness. From his work overseeing the Deepwater Horizon response scientific support and injury assessment, to the Marine Debris program development, to the launch of the Disaster Preparedness Program, Dave's visionary and thoughtful leadership has enabled those working with and for him to exceed their goals and better meet the needs of the nation.

Scott Lundgren was named as the next director of the Office of Response & Restoration. Scott will be assuming the helm of an office that protects and restores ocean and coastal resources from the impacts of oil, chemicals, marine debris, and other hazards through its leadership, training, and time critical services. OR&R's programs provide important products and services that benefit the environment, public, and economy.

Scott joined NOAA in 2015 as the leader of OR&R's Emergency Response Division where he has lead scientific support for preparedness for and response to over 600 significant spills and coastal incidents including extensive response following recent hurricane seasons. Prior to NOAA, Scott served as a 23 year civilian employee of the Coast Guard in several environmental response and incident management positions from the field to headquarters, including serving as the senior technical advisor to the Coast Guard's Marine Environmental Response program office and leading the Coast Guard's all hazards preparedness division. Scott holds master's degrees in Natural Resources Management/Biology from Harvard University Extension School and in National Security and Strategic Studies from the Naval War College, and a Bachelor of Science in Biology and Environmental Studies from Tufts University. He, his wife, and high school son reside in Fairfax, Virginia, and their daughter is a college sophomore in Boston. SCAA Spill Briefs / [Read more](#)

ISCO NEWS

ISCO CELEBRATES 35 YEARS AND HOLDS ITS ANNUAL AGM AT CLEAN GULF



Photo: David Usher, President of ISCO and patron of the organization.

David Usher, Matthew Sommerville and Mary Ann will be looking out for you at Booth No. 122. Do call by to say hello and catch up on what ISCO is up to. Don't forget to try your luck in our traditional draw for a bottle of fine old Scotch Whisky.

The AGM will take place at 1815 hrs. on Monday 28th October in Meeting Room 263. It should be quite a short meeting but some important proposals coming up – so please come and make your voice heard by registering your votes.

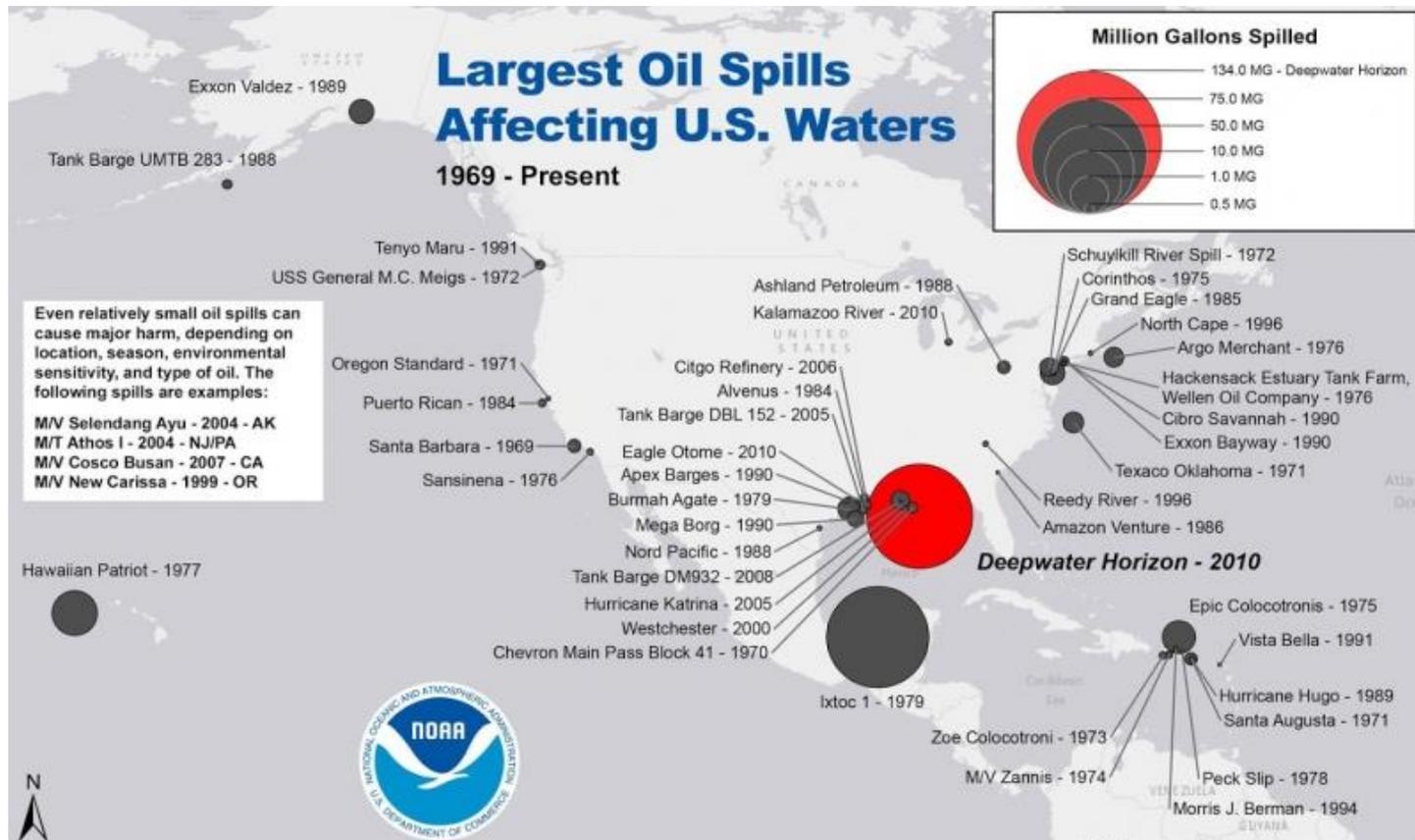
Many ISCO members will be at Clean Gulf – We wish you all a very successful event and hope to meet up with you during the conference.

2019 marks the 35th anniversary of ISCO's establishment in 1984. We've come a long way since Dave Usher and the other founding members started on the road. A lot of worthwhile achievements for our members and our industry. We look forward to building on this in the years to come. www.spillcontrol.org

A DAY IN THE LIFE OF AN EMERGENCY RESPONSE SCIENTIST



An article by Doug Helton, Regional Operations Supervisor at NOAA: National Oceanic & Atmospheric Administration, originally published on 23rd September 2019. Douglas (Doug) Helton is the Regional Operations Supervisor for NOAA's Emergency Response Division. The Division provides scientific and technical support to the Coast Guard during oil and chemical spill responses. The Division is based in Seattle, WA, but manages NOAA response efforts nationally. Mr. Helton has worked on oil spills, shipwrecks, abandoned vessels, and emergency response efforts in almost all coastal states, ranging from Maine to American Samoa.



Catastrophic events like Hurricane Katrina, the 2011 Japan Tsunami, and the [Deepwater Horizon](#) or [Exxon Valdez](#) oil spills come to mind as examples of natural and man-made disasters. These kinds of disastrous events are infrequent, but we plan for catastrophes knowing that preparing for the big events will also help us be ready for more routine events.

As an emergency responder people sometimes wonder what I do between spills, and they are surprised when I tell them that thousands of oil and chemical spills occur every year in U.S. waters. Planning and responding to those keeps me plenty busy. Most of these spills are thankfully small and rarely make the news, but even small spills, such as a diesel spill from a fishing vessel sinking in a harbor, can be a threat to marine life and a process to clean up.

To address these incidents, both large and small, NOAA has a team of scientific support coordinators (SSCs). I supervise the Western team, which covers Alaska, Hawaii and Oceania, Washington, Oregon, California, and also the Great Lakes and Texas. The SSC's role is to provide scientific support to the U.S. Coast Guard officers in charge of response operations. This may require going on scene for an afternoon for a small incident, or deploying for months at a big spill. Each SSC covers a region of the U.S., and we may be called to respond anywhere, including international spills, so there is a lot of coordination.

Between incidents, the SSCs focus on preparedness activities, such as attending area committee and regional response team meetings, and reviewing response plans. There are layers of plans — from national, regional, and local plans, to facility and vessel plans. These are comprehensive documents that get reviewed, updated, and tested annually. For example the [Northwest Area Contingency Plan](#) that covers Washington, Oregon, and Idaho, is over 1,300 pages long and is the master plan for oil spill and hazardous substance responses in the region.

There are also more specific localized plans. For example, in the Seattle area we have [response plans for disasters](#) in our waterways and harbors along the Puget Sound. The SSCs also work with our support team in Seattle to test and improve [spill response software and mapping tools](#), [standard techniques and guidelines](#) for observing oil, assessing shoreline impact, and evaluating cleanup and recovery technologies.

CONTRIBUTED ARTICLE (CONTINUED)

A typical day for an SSC is often routine office work. My team reviews local and area contingency plans, conducts trainings, attends emergency response exercises, goes to meetings with the U.S. Coast Guard, other federal and state agencies, and Native American tribes. They may also conduct field work to visit cleanup sites post-response. This time of year, we track all tropical storms closely and begin make staffing plans well before the storms even get named.

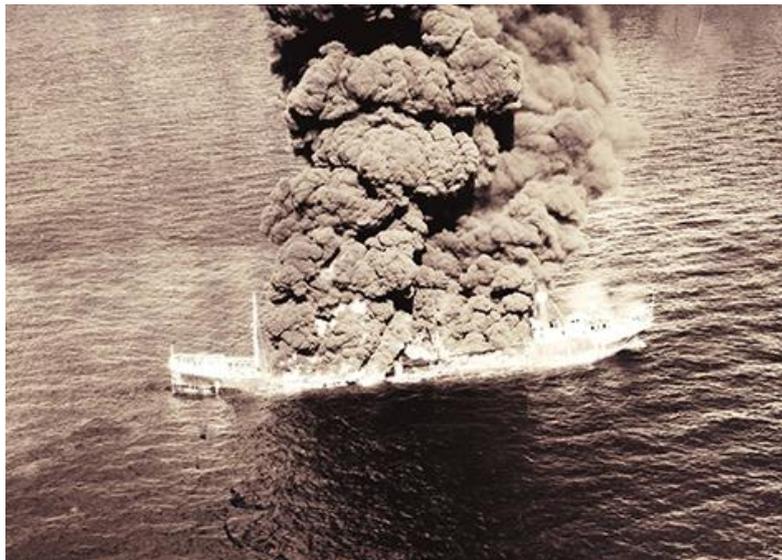


Photo: On May 14, 1942, the U.S. Army Air Corps photographed the location of the burning tanker Potrero del Llano. (National Archives)

A few of our responses are planned in advance. NOAA has a partnership with the Coast Guard to address historic shipwrecks, including [WWII wrecks that dot the coast](#) — some of which still contain oil.

But most spills, by their nature, are unplanned events. Every SSC has a couple bags packed, ready to drive or fly at a moment's notice if a call comes in. There have been days when I came to work expecting to spend the day working on a report or contract issue, and then end up dropping everything to head to the airport and oil spill command post. But those are also the events we train for, and we know the reports and contracts will be there when we get home.

Every spill response is different, but we typically work to bring NOAA science to help explain the [chemistry and fate](#) of the oil, [forecast and track](#) the oil movement, identify and prioritize [sensitive species and habitats](#), conduct systematic shoreline surveys, and advise on cleanup tactics.

A day in the life of an SSC ranges from a day at my desk, to a day on the deck of a ship. We are constantly improving our plans, learning from past challenges, and preparing for the next disaster. Personally, I am always prepared to deploy at the drop of a hat. What I like best is seeing the progress of an incident, and the role of science — from the initial notification at 2 a.m., to the resolution of the natural resource damage claims and restoration that may take several years or longer. I am proud of the work that NOAA does. Every spill is a learning opportunity and those lessons feed back to better preparedness for future incidents.

ISCO thanks NOAA OR&R for kind permission to reprint the above article. <https://response.restoration.noaa.gov/>

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

AQUA-GUARD LAUNCHES NEW, COMPACT RBS TRITON™ 20 OIL SKIMMING SYSTEM

The RBS TRITON™ 20 oil skimmer head is lightweight, compact, ideal for use in calm water or industrial environments and able to recover 21.4 m³/h (94 GPM).

Recovery modules (brush, disc and drum) can be easily interchanged for various oil types without tools in less than one minute.

The skimmer offers extremely high oil recovery rates (with up to 99% oil to water efficiency) and is able to be carried and deployed by **one person**.

Construction: Marine grade aluminum

Finishing: Powder-coated, international orange

Dimensions (L x W x H): 74.9 cm (29.5 in) x 64.8 cm (25.5 in) x 48.0 (18.9 in)

Skimmer draft: 11.4 cm (4.5 in)

Weight: Skimmer head (without recovery module): 22.3 kg (49.1 lbs)

Skimmer head (brush): 28.5 kg (62.8 lbs)

Skimmer head (disc): 27.1 kg (59.7 lbs)

Skimmer head (drum): 25.5 kg (56.2 lbs)

Note: Recovery capacities and efficiencies of the RBS TRITON™ 20 Brush, Disc, and Drum are based on tests witnessed and issued by DNV/GL (Det Norske Veritas / Germanischer Lloyd) fully tested to the ASTM-F631-15 standard. [More information](#)

CONTRACT & TENDERS

OPEN TENDER NOTIFICATION SERVICE

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

CLEAN NIGERIA ASSOCIATES LIMITED/GTE (CNA) – INVITATION TO TENDER FOR OIL SPILL RESPONSE MANPOWER SUPPLY CONTRACT

Clean Nigeria Associates Ltd/Gte (CNA), is a not for profit company, formed and funded by 15 oil-producing companies operating in Nigeria, to respond to their Tier 2 oil spill response needs. CNA has response bases in Port Harcourt, Warri, Brass, Eket, Mosimi and Kaduna. CNA invites Tender from reputable and qualified companies (Contractor) with the requisite experience and resources, to submit Tender FOR OIL SPILL RESPONSE MANPOWER SUPPLY CONTRACT. [More info](#)

UPCOMING EVENTS

| COUNTRY | 2019 | TITLE OF EVENT | LOCATION |
|--|------------------|---|-------------------|
| For more information click on Title of Event | | | |
| 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 |
| USA | October 28 | ISCO AGM | 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 |
| SOUTH AFRICA | November 4-7 | IMS 300 Training and 3rd Joint industry – government exercise | Cape Town |
| UK | Nov. 11-12 | WWEM 2020 - Water, Wastewater and Environmental Monitoring | Telford |
| TUNISIA | Nov. 13-14 | Incident Management System Training Workshop | Tunis |
| SWEDEN | Nov. 13-14 | Swedish National Oil Spill Conference | Göteborg |
| FRANCE | November 21 | Cedre Technical Day | Brest |
| UK | Nov. 21-22 | IMO Council Extraordinary Session | London |
| UK | Nov. 25 – Dec. 4 | IMO Assembly | London |
| GERMANY | November 29 | South Baltic Oil Spill Conference | Rostock |
| UK | December 4-5 | Salvage & Wreck Removal Conference | London |
| UK | December 4-6 | Global Marine Casualties Week | London |
| UK | December 5 | Maritime Accidents & Emergencies Summit | London |
| UAE | Dec. 8-10 | Middle East HSE and Sustainability Week | Dubai |
| COUNTRY | 2020 | TITLE OF EVENT | LOCATION |
| USA | March 24-25 | SCAA Annual Meeting & Conference | Arlington, VA |
| USA | April 7-9 | Clean Waterways Conference | Indianapolis, IN |
| 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 |
| USA | June 2-4 | Elastec's Spring 2020 River Workshop | Carni, IL |
| USA | June 9-11 | Clean Pacific Conference & Exhibition | Seattle |
| 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 | | | |

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

[Alga Chronicle](#)
[AMSA Update](#)
[ATRAC Newsletter](#)
[AUSMEPA Bulletin](#)
[BIMCO Bulletin](#)
[Newsletter from George Holliday](#)
[Bow Wave](#)
[Cedre Newsletter](#)

News from Australia on Contaminated Land Remediation
 Latest news from the Australian Maritime Safety Authority
 News from the Adriatic Training and Research Centre
 News from the Australian Marine Environment Protection Assoc'n
 Marine and shipping-related news from BIMCO
 News and commentary on HSE issues from George Holliday
 Sam Ignarski's Ezine on Marine & Transport Matters
 News from Cedre in Brittany, France

September 2019
 Current issue
 June 2019
 Winter 2019
 June 2019
 On request email
 Current issue
 September 2019

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS (CONTINUED)

| | | |
|---|---|------------------|
| Clean Nigeria Associates Newsletter | News from CNA about Oil Spill Response in Nigeria | December 2018 |
| EMSA Newsletter | News from the European Maritime Safety Agency | October 2019 |
| GEF Newsletter | Monthly Newsletter from the Global Environment Facility | October 2019 |
| GESAMP | Group of Experts on the Scientific Aspects of Marine Environmental Protection | Latest news |
| GISEA Quarterly Newsletter | News from Global Initiative for South-East Asia | Q 3 2019 |
| IMO News Magazine | News from the International Maritime Organization | Autumn 2019 |
| IMO Publishing Newsletter | New and forthcoming IMO publications | October 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 | October 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 | September 2019 |
| OHMSETT Gazette | Oil Spill Response Research & Renewable Energy Test Facility Quarterly | Summer 2019 |
| 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 | Sept. 1-15, 2019 |
| USA EPA Tech Direct | Remediation of contaminated soil and groundwater | October 1, 2019 |
| WestMOPoCo | Western Mediterranean Region Marine Oil & HNS Pollution Cooperation | August 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)

BRAZIL OIL SPILL UPDATES

October 20 - Clean-up on beaches affected by oil spill - Thousands of people have taken part in a huge clean-up operation to remove oil and tar from beaches along Brazil's north-eastern coast. Volunteers, as well as government workers, used wheelbarrows, spades and plastic gloves to remove the thick tar from the sand and water. BBC News / [Read more](#)



October 21 - Brazilians rally to clean beaches amid outrage at Bolsonaro's oil spill inaction – The Guardian / [Read more](#)

October 21 - Oil waste collected from Brazil's northeastern coast rises to 280 tonnes - Brazil oil company Petrobras said on Monday it has collected 280 tonnes of oil and sand from the country's northeastern beaches since Sept. 12. Reuters / [Read more](#)

October 23 - Brazil deploys 5,000 troops as fury mounts at inaction over worst oil spill in country's history - The mysterious spill has continued and has now touched more than 1,000 miles of Brazil's coast, polluting some of the country's most picturesque beaches and destroying local marine life. The Telegraph / [Read more](#)

October 23 - Six-hundred tons of oil has contaminated Brazil's coast, and authorities have no idea where it's coming from - Christopher Reddy, a researcher at Woods Hole Oceanographic Institution in Massachusetts, has been trying to crack the mystery. Some Brazilian colleagues recently contacted him to help determine the source of the oil, and he's now analyzing 14 samples with the hopes of determining the molecular structure of the oil by the end of the week. Montreal Gazette / [Read more](#)

October 24 - Brazil's Oil Spill Is a Mystery, so Scientists Try Oil Forensics - Officials aren't sure where the oil is from or how much more could be coming. The oil is floating beneath the surface of the ocean, making it difficult to track, and no one has stepped forward to take responsibility for the spill. The Brazilian state oil company, Petrobras, claimed it is not involved, and chemical analysis by Brazil's environmental agency Ibama suggests that the spill does not match oil from Brazil. EOS / [Read more](#)

October 24 - Brazil says it will call on OAS to demand answer from Venezuela on oil spill - Brazil's environment minister said yesterday that the government will call on the Organization of American States (OAS) to demand an answer from Venezuela over a mysterious oil spill that has affected a large part of Brazil's northeastern coast. Reuters / [Read more](#)

October 26 - Smudged beaches, ghost ships and a clueless government - Media reports, quoting government sources, suggested that a "dark ship" was most probably carrying the oil to Asia. "Companies from India, Singapore and other countries in South and South-east Asia are among the only ones still buying Venezuelan oil... To circumvent the sanctions, many tankers have their transponders turned off before docking in Venezuela," said a report on a Brazilian website. The Hindu / [Read more](#)

Reports in Portuguese language forwarded to your Editor by Carlos Sagra, MSc, MISCO, Member of ISCO Council for Panama

<http://www.observatoriodoclima.eco.br/ongs-pedem-fim-de-sigilo-sobre-aco-es-contr-a-oleo-no-nordeste/>

<http://agenciabrasil.ebc.com.br/geral/noticia/2019-10/ufri-aponta-que-oleo-pode-ter-saido-de-area-700-km-da-costa>

<https://bahia.ba/brasil/pesquisa-da-ufri-determina-area-mais-provavel-de-origem-do-oleo-que-atinge-costa-do-ne/>

<https://www.bbc.com/portuguese/brasil-50131560>

<https://piaui.folha.uol.com.br/vazamento-de-oleo-avanca-plano-de-controle-patina/>

<https://noticias.uol.com.br/ultimas-noticias/agencia-estado/2019/10/18/vazamento-pf-e-marinha-va-atras-de-dois-clientes-da-shell.htm>

<https://epocanegocios.globo.com/Brasil/noticia/2019/10/epoca-negocios-ibama-confirma-petroleo-venezuelano-nas-praias-do-nordeste-mas-causa-segure-ncerta.html>

<https://aosfatos.org/noticias/oleo-no-litoral-do-nordeste-nao-veio-de-plataforma-que-afundou-na-venezuela/>

<https://istoe.com.br/venezuela-nega-responsabilidade-por-petroleo-na-costa-brasileira/>

BAHAMAS: BPL: 10,000 GALLONS SPILLED FROM RUPTURED PIPELINE

October 23 - Bahamas Power and Light (BPL) lost 10,000 gallons of diesel fuel when a contractor ruptured a major pipeline last week. BPL Communications # Quincy Parker said approximately 235 gallons of clean diesel fuel was recovered from the damaged pipeline, and 21,660 gallons of oil/water mixture was recovered from the ground. EW News / [Read more](#)

NIGERIA: OIL SPILL FORCES AGIP TO SHUT-IN AGGAH OILFIELD

October 24 - The Nigerian Agip Oil Company has announced a shut-in at its oilfield in Aggah community in Ogbia/Egbema Local Government Area of Rivers State, following pipeline leakage to forestall further damage to the environment. Punch / [Read more](#)

USA: GEORGIA - CLEANUP UNDERWAY FOR GASOLINE SPILL IN NANCY CREEK

October 25 - A leak from an underground storage tank at an Exxon station in Buckhead dumped an unspecified amount of gasoline into Nancy Creek last month. State officials said the spill has been contained and contractors are cleaning up the area to prevent environmental impacts, but the process will take years. AJC / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

PAPUA NEW GUINEA - CHINESE-OWNED NICKEL PLANT IN PNG SHUT DOWN AFTER TOXIC SLURRY SPILL

Photo: The spill on August 24 turned the water in Basamuk Bay bright red and stained the shoreline.



October 25 - Papua New Guinean authorities have shut down a Chinese-owned nickel processing plant for breaching safety and mining laws, after the operator spilled tens of thousands of litres of toxic slurry into a bay in August. On August 24, a pump failure at the mine's Basamuk Bay processing plant saw about 200,000 litres of toxic slurry spill out, with up to 80,000 litres making its way into the ocean — [turning the water bright red, and staining the nearby shoreline](#). The temporary closure is the latest in a string of controversies for the \$2 billion Ramu Nico mining operation, which was China's first major resource project in Papua New Guinea when it opened in 2012. ABC News / [Read more](#)

INDIA: STRICKEN CHEMICAL TANKER RUNS AGROUND SPARKING FEARS OF OIL SPILL; NAVY, COAST GUARD ROPED IN

October 26 - The Goa government has roped in the Indian Navy and Indian Coast Guard to help salvage a 11,000-tonne chemical tanker that has now run aground around 800 metres from the Dona Paula promontory on the capital city's western fringe. The tanker Nu Shi Nalini is believed to be carrying around 3,000 tonnes of naphtha and was anchored at the inner anchorage of the Mormugao Port in Goa before it broke loose from its restraints and began drifting towards the shore. Besides naphtha, the vessel also has 50 tonnes of heavy oil and 19 tonnes of diesel. Hindustan Times / [Read more](#)

BANGLADESH: TANKER BREACHED IN COLLISION, OIL SPILL, AT CHITTAGONG



October 27 - Product tanker DESH-I with 1,200 tons of diesel fuel on board collided with lighter vessel in Chittagong port, Bangladesh, early in the morning Oct 24. Tanker hull was breached, with following diesel fuel leak. Local sources say all tanker's cargo leaked into river, but that's hardly possible. Spill, nevertheless, seems to be substantial, authorities deployed all anti pollution boats, and local residents, to cleanse spilled fuel. As of Oct 26, some 8 tons were collected from water.

UPDATE Oct 27: Some 10 tons of diesel fuel leaked, according to officials. About 8 tons were collected, as of Oct 26. Cleansing operation continues.

Maritime Bulletin / [Read more](#)

[Thanks to Voytenko Mikhail, vmd@odin.tc]

Related report in [BD News 24](#)

DEFINITIONS FOR HALLOWEEN - THURSDAY, OCTOBER 31



Halloween or Hallowe'en, also known as Allhalloween, All Hallows' Eve, or All Saints' Eve, is a celebration observed in several countries on 31 October, the eve of the Western Christian feast of All Hallows' Day. It begins the three-day observance of Allhallowtide, the time in the liturgical year dedicated to remembering the dead, including saints, martyrs, and all the faithful departed.

Halloween began as the festival of Samhain. It was part of the ancient Celtic religion in Britain and other parts of Europe. At the end of summer, the Celts thought the barrier between our world and the world of ghosts and spirits got really thin.

A ghoul is an evil spirit or phantom, especially one supposed to rob graves and feed on dead bodies.

A ghost is the spirit of a dead person, especially one that is believed to appear to the living in bodily form or to haunt specific locations.

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.
