

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)
- Mr John Cantlie (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)

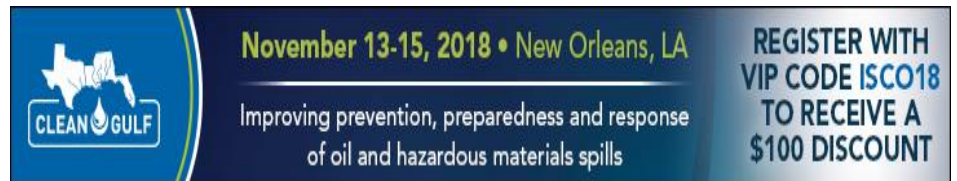
INTERNATIONAL NEWS

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



REGIONAL WORKSHOP ON BUILDING AN EFFECTIVE NATIONAL AND REGIONAL PREPAREDNESS AND RESPONSE CAPACITY

November 6-8, 2018
Istanbul - Turkey



CLEAN GULF

November 13-15, 2018 • New Orleans, LA

Improving prevention, preparedness and response of oil and hazardous materials spills

REGISTER WITH VIP CODE ISCO18 TO RECEIVE A \$100 DISCOUNT



The 6th Oil Spill Response Workshop

6-7 December 2018 Beijing China

ISCO Members Save 20% to Register

SPILLCON
20 – 24 May 2019 Perth, Australia

IMO: MEPC MEETING STARTS TODAY

The Marine Environment Protection Committee (MEPC), 73rd session begins today and will run from 22nd to 26th October 2018 at IMO Headquarters in London. The meeting will be chaired by Mr Hideaki Saito (Japan).

Key agenda items include:

- Reduction of greenhouse gas emissions from ships
- Further work on energy efficiency of ships
- Implementation of sulphur 2020 limit
- Marine plastic litter
- Ballast water management treaty implementation
- Use and carriage of heavy fuel oil as fuel by ships in Arctic waters
- High-viscosity substances - draft MARPOL amendments

All 174 IMO Member States and three Associate Members have been invited to attend as well as all Parties to MARPOL, Intergovernmental organizations and international non-governmental organizations. IMO / [More information](#)

MEMBERSHIP OF ISCO

[Benefits of Membership](#)

[Online Membership Application Form](#)

ADVANCE YOUR CAREER BY GAINING PROFESSIONAL RECOGNITION.

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

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

The organization offers independent validation and integrity. Each grade of membership reflects an individual's professional training, experience and qualifications.

You can apply for Student Membership, Associate Membership (AMISCO), MEMBERSHIP (MISCO) or FELLOWSHIP (FISCO)

[About Professional Membership](#)

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

TO RECEIVE THE FREE ISCO NEWSLETTER

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

INTERNATIONAL NEWS (CONTINUED)

CO-OPERATION FOR SUSTAINABLE SHIPPING IN THE MEDITERRANEAN

October 12 - REMPEC, the IMO-administered pollution emergency response centre in the Mediterranean, has agreed to coordinate its 2019 technical assistance activities with the European Maritime Safety Agency (EMSA), at a meeting in Jordan of the EU-funded SAFEMED IV project.

Following presentations by project beneficiaries highlighting their technical assistance needs, EMSA agreed on project activities until the end of 2019. REMPEC will coordinate its own activities in the Mediterranean with EMSA's actions - on port reception facilities, ship emissions and national ballast water management strategies, among others.

The SAFEMED project, managed by EMSA, provides technical assistance to eight southern and eastern Mediterranean countries and territories*. It's aimed at enhancing flag and port State capacities, the human element in shipping, ship and port security and marine environment protection in the Mediterranean.

Underlining IMO's firm commitment to regional cooperation as a means to promote safe and sustainable shipping, REMPEC is involved in a number of SAFEMED IV activities - particularly those which relate to marine environment protection. This involvement complements REMPEC's own work on helping states to ratify and implement of IMO's environmental conventions in the Mediterranean - including regulations on air pollution control and energy efficiency, ballast water management and treaties on oil spill response and cooperation. *Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco and Tunisia. Palestine is also a project beneficiary. www.imo.org

JAPAN-RUSSIA JOINT OIL SPILL RESPONSE EXERCISE



October 15 - The member states of Northwest Pacific Action Plan (NOWPAP) Marine Environmental Emergency Preparedness and Response Regional Activity Center (MERRAC), namely the People's Republic of China, Japan, Republic of Korea and Russian Federation (hereinafter referred to as China, Japan, Korea and Russia) conduct NOWPAP DELTA (Joint Oil Spill Response) Exercise biennially on rotational basis under the scheme of United Nations Environment Programme (UNEP) in order to enhance mutual emergency response capability and regional and international cooperation.

This year, the 7th NOWPAP DELTA Exercise was held from 2 to 4 October 2018 in Maizuru city, Kyoto Prefecture, Japan under the leading role of Japan (Japan Coast Guard, JCG) together with Russia (Marine Rescue Service).

In this exercise, 9 Response vessels (Japan: 8, Russia: 1), 1 helicopter, 1 unmanned aircraft (drone, JCG) and over 200 personnel were dispatched. Around 25 people from domestic and international government, institutes and other relevant organizations had attended the exercise as observers.



The main purpose of this DELTA exercise was to enhance capabilities of handling proper oil spill response equipment, working together with domestic governmental organizations such as 'Council for Spilled Oil Response in Maizuru port', 'National Strike team' and the 8th Regional Headquarter of JCG.

The Exercise was well organized and conducted successfully as planned with

fruitful results and achievements. All the participants showed their appreciations to Japan and Russia for their great efforts and contributions preparing and implementing this 7th DELTA exercise. NOWPAP / [Read more](#)

THE IOPC FUNDS ARE 40 !



October 16 - On 16 October 1978, the International Convention on the Establishment of an International Fund for Compensation for Oil Pollution Damage, 1971 (1971 Fund Convention) entered into force with 14 Member States. A few weeks later, the very first 1971 Fund Assembly was held, and a new organisation, the IOPC Fund, was established.

Adopted under the auspices of the International Maritime Organization (IMO), the entry into force of the 1971 Fund Convention, together with that of the International Convention on Civil Liability for Oil Pollution Damage, 1969 (1969 Civil Liability Convention) in 1975, created a new and innovative international regime to compensate victims of oil pollution damage resulting from tanker spills.

The IOPC Funds is a unique organisation, which brings governments, shipowners and the oil industry together to protect victims of oil pollution damage. In doing so it has dealt with some 150 incidents and has continued to grow in membership, with the 1992 Fund now counting 115 States as Members. The international liability and compensation regime has also developed and successfully adapted as necessary to new challenges presented by major oil pollution incidents over the past 40 years.

To mark this special anniversary a celebratory session and reception will be held during the October 2018 meeting of the IOPC Funds' governing bodies. This session, which will take place on Tuesday, 30 October, will provide a great opportunity to recognise the contribution of the three former Directors, Dr Reinhard Ganten, Mr Måns Jacobsson and Mr Willem Oosterveen, who will each be presented with a special award. <http://www.iopcfunds.org/>

INCIDENT REPORTS (IN CHRONOLOGICAL ORDER)

NIGERIA: SHELL'S OIL SPILL POLLUTED OVER 113 HECTARES IN BAYELSA – REPORT

October 8 - Leakage from an oilfield operated by Shell Petroleum Development Company (SPDC) at Aghoro community in Bayelsa has discharged some 1,114 barrels of crude oil into the environment.

The leakage has adversely affected the fishing vocation of residents who had withdrawn from fishing to pave way for clean-up. The resulting oil spill impacted and polluted an estimated area of 113.03 hectares, according to a joint Investigation Visit (JIV) report of the incident obtained by News Agency of Nigeria (NAN) in Yenagoa on Monday. Premium Times / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

FRANCE: CORSICA - ULYSSE HEADS TO PORT DAY AFTER DETACHING FROM CONTAINERSHIP IN THE MEDITERRANEAN

Photo: The CSL Virginia pictured October 12, 2018. Photo: Marine Nationale



October 12 - The roll-on/roll-off passenger ferry Ulysse has set sail for Tunisia after the vessel was cleared to leave the scene of its collision with a containership off the coast of Corsica in the Mediterranean last Sunday.

The containership, the CSL Virginia, remains in place, at anchor surrounded by anti-pollution boom as the owner makes preparations for her transit to a shipyard. Pockets of thick fuel oil are continuing to be tracked and cleaned up by anti-pollution vessels. gCaptain / [Read more](#)

USA: COAST GUARD ASSISTS HURRICANE MICHAEL RESPONSE EFFORT

October 12 - First responders have swung into action in the wake of Hurricane Michael, providing assistance to survivors and beginning the difficult task of searching for the missing. 17 deaths have been confirmed so far, and teams are still combing the debris left by the storm.

Coast Guard port evaluation teams are on the ground and assessing damage to speed the reopening of waterways in Pensacola and Panama City. Pollution response personnel are evaluating waterfront facilities, sunken, damaged or capsized vessels and conducting overflights to determine the extent of any environmental harm. The Maritime Executive / [Read more](#)

USA: FLORIDA - CLEANUP UNDERWAY ON HOGAN'S CREEK AFTER MASSIVE JET FUEL SPILL

October 14 - Environmental workers have set up booms on Hogan's Creek, which runs south into downtown Jacksonville, trying to collect hundreds of gallons of jet fuel that spilled from an overturned tanker truck into the waterway on Tuesday.

INCIDENT REPORTS (CONTINUED)

The Department of Environmental Protection said the contractor recovered about 2,000 gallons of fuel, of which it's estimated 1,500 gallons came from nearby soil areas and about 600 gallons were recovered from Hogan's Creek. News4JAX / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

FRANCE: BEACHES OF SAINT-TROPEZ HIT BY MEDITERRANEAN OIL SPILL



Photo: Pools of tar fester on the sand of Pampelone beach in Ramatuelle, in the Gulf of Saint-Tropez (AFP Photo/Christophe SIMON)

October 16 - Some of the oil that leaked from ships involved in an accident in the Mediterranean earlier this month has washed up on the white-sand beaches of the glitzy French resort of Saint-Tropez, local authorities said Tuesday.

The mayor of the village of Ramatuelle, which lies on the Gulf of Saint-Tropez, told AFP that 16 kilometres (10 miles) of coastline had been affected by the spill, including the beach where a bikini-clad Brigitte Bardot posed for scenes in the 1956 classic "And God Created Woman". The Local / [Read more](#)

October 18 - Saint-Tropez cleans up after Mediterranean oil spill - French workers on Thursday scooped balls of tar off the beach in Saint-Tropez after oil that leaked from two ships which collided washed ashore in the Riviera resort. Authorities in Saint-Tropez said this week that 16 kilometres (10 miles) of coastline had been affected by the spill.

The oil is believed to have leaked from one of the ships involved in an accident off the French island of Corsica on October 7. Some 600 tonnes of bunker fuel leaked from the Cyprus-registered "Virginia" after it was rammed by a Tunisian freighter.

Officials said most of the spill had been cleaned up, but that some of the residues had become trapped in seagrass that washed up ashore in Saint-Tropez. Yahoo News / [Read more](#)

USA: LOUISIANA - GROUNDED CREW BOAT SPILLS FUEL OFF CAMERON

October 17 - The U.S. Coast Guard and the Louisiana Department of Environmental Quality are overseeing the response to a fuel spill from the crew boat Candy Store, which ran aground late Sunday night near Cameron, Louisiana. An estimated 1,000 gallons of diesel were released due to damage to one of her tanks.

Relative to HFO, diesel dissipates quickly, and the Coast Guard says that most of the spill has already disappeared. The vessel's operator has transferred the remaining 2,000 gallons of fuel in the damaged tank into intact tanks in order to prevent further spillage. The Maritime Executive / [Read more](#)

CHILE: ENVIRONMENTAL EMERGENCY: 720,000 LT. OIL SPILL

October 18 - In the southernmost region of Tierra del Fuego in Chile, an oil spill has unleashed an environmental emergency affecting at least 6,000 square meters, according to the National Emergency Office.

This is the largest spill registered in the Magallanes region. On Wednesday an oil leak from a plant owned by Chile's National Oil Company (ENAP) and operated by YPF, Argentina's Fiscal Oil Fields, reached the narrow river Chorrillo Paraguaya carrying the leak and affecting more land and water surface.

Chile's regional secretariat for the Environment Ministry said, "the spill was contained in Rio Cullen, so it is affecting this river and several unnamed lakes." Authorities don't expect the spill to reach the Strait of Magellan or the Atlantic Ocean.

Authorities have yet to determine what caused the leak while YPF confirmed they have recovered 60 percent of the leaked oil. TelesurTV / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

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

AUSTRALIA: AMSA VIDEO: WELCOME TO AUSTRALIA

October 17 - The Australian Maritime Safety Authority (AMSA) has released a new video Welcome to Australia which aims to educate international seafarers and shipping companies about their environmental responsibilities in Australian waters.

Australia has a vast array of marine life including whales, penguins, dugongs and sea turtles, and it is the responsibility of everyone to ensure the continued preservation of this unique marine environment, says AMSA CEO Mick Kinley.

AMSA coordinates a national pollution prevention and response strategy and works with government and industry to respond to pollution incidents under the National Plan for Maritime Environmental Emergencies. AMSA's pollution response capability includes incident response, management of equipment and dispersant stockpiles, fixed wing aerial dispersant capability and training for

government and industry response personnel. The organization maintains marine pollution response equipment and dispersant in strategically located stockpiles around the Australian coastline, as does the petroleum industry through the Australian Marine Oil Spill Centre. Each state and the Northern Territory also ensure there are sufficient stocks of equipment available to address risks within their areas of responsibility.

The video is in English, with the option of subtitles in seven languages—Russian, Greek, Ukrainian, Tagalog, Japanese, Chinese and English. The Maritime Executive / [Watch the video and listen to the sound track](#)

BULGARIA: DISPERSANTS SHIPPED TO BULGARIA TO BACK UP ONGOING CLEAN-UP OPERATIONS

October 16 - EMSA has shipped 18 tons of dispersants from its stockpile in Malta to assist the Bulgarian Maritime Administration in the clean-up operations following the leakage reported from the sunken wreck of the M/V Mopang cargo vessel located near the port of Sozopol. The dispersants were sent at the request of the Bulgarian authorities and are intended as a reserve capacity. They will be kept on standby for limited use in case oil escapes from the containment barriers around the wreck. [EMSA Newsletter October 2018](#)

CAMEROON: PRACTICAL MARINE OIL SPILL RESPONSE TRAINING

October 15 - Two theory and practical courses on oil spill response at sea and on the shoreline were run by Cedre, from 28th to 30th August, then from 1st to 3rd September 2018, in Douala, Cameroon. The theory lectures for these two courses, which comprised a total of 25 trainees, were held on the premises of Perenco in Doula, and the practical exercises took place on the shoreline of Eboundja, south of Kribi. These courses provided the opportunity to train Perenco personnel as well as villagers on the deployment of a containment and recovery system. [CEDRE Newsletter](#)

CANADA: RUPERT HARBOUR SETS SCENE FOR MOCK OIL SPILL RESPONSE



Photo: Western Canada Marine Response Corp. launched the first of 40 vessels for the Trans Mountain expansion project on June 12 in Prince Rupert. (WCMRC photo)

October 16 - Multiple crews, and vessels, are handling a mock oil spill response exercise in the Prince Rupert harbour, and the Canadian Coast Guard wants to assure residents this is not a real situation.

The training scenario involves a fishing vessel with mechanical failures leaking approximately 10,000 litres of diesel in the harbour, and how to handle the spill in the days following the incident. The Northern View / [Read more](#)

CANADA: SUPREME COURT TO DECIDE LIMITS OF POLLUTION LIABILITY INDEMNIFICATION

October 18 - Does a pollution liability indemnification agreement made in 1985 by a provincial government apply when the same government tries to force companies to pay environmental remediation costs 26 years later?

Ontario judges disagree, so the question is now before the Supreme Court of Canada, which announced Thursday it is allowing Rolute Forest Products Inc. and the Ontario government to appeal a divided 2017 Court of Appeal for Ontario ruling.

Until the top court issues a ruling, there is bound to be some uncertainty for risk managers at corporations with some connection to polluted land. Canadian Underwriter / [Continue reading](#)

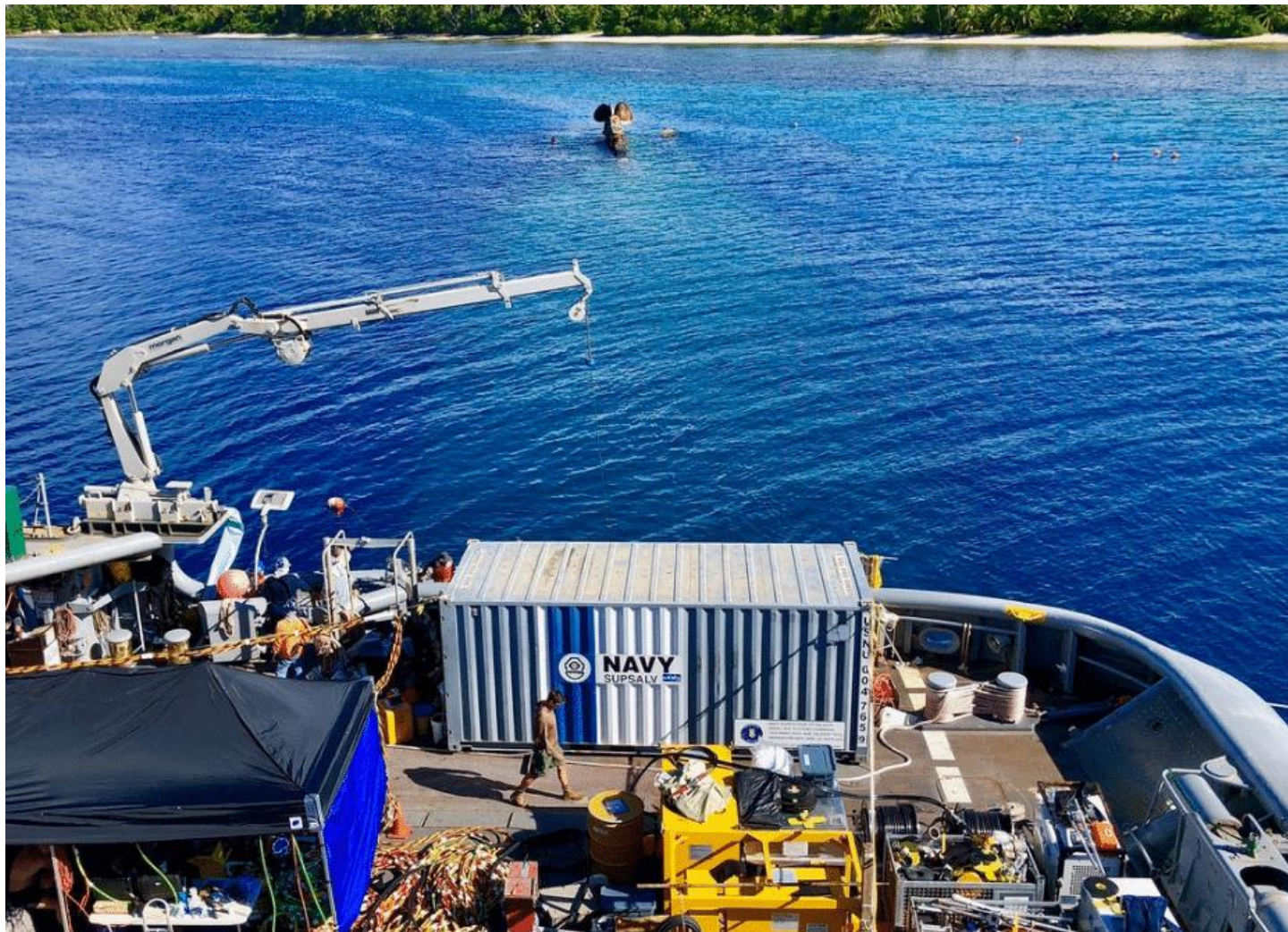
FRANCE: CEDRE EMERGENCY RESPONSE ACTIVITY – SEPTEMBER 2018

October 15 - The duty team received an enquiry in relation to a leak of light crude oil at sea from an offshore loading terminal in the Gulf of Gabès (Tunisia) for advice and recommendations on response actions and to activate Météo-France for slick drift forecasting. Cedre was also consulted to help interpret photos taken from an aircraft in Corsica and during a pollution incident involving combustion residues in the roadstead of Brest. [CEDRE Newsletter](#)

MARSHALL ISLANDS: U.S. NAVY DIVERS FINISH DRAINING FUEL OIL FROM WW2 GERMAN SHIPWRECK

October 16 - U.S. Navy divers have completed the removal of fuel oil from the capsized World War II German cruiser Prinz Eugen in the Marshall Islands.

The divers were attached to Mobile Diving Salvage Unit 1 aboard the USNS Salvor, and extracted approximately 250,000 gallons (946,353 liters) of fuel oil between September 1st and October 15th.



Above: Divers and support personnel conduct recovery operations aboard the Military Sealift Command salvage ship USNS Salvor (T-ARS 52) while moored over the capsized World War II German heavy cruiser Prinz Eugen. (U.S. Navy photo)

The whole operation involved nearly two-dozen divers along with support from the commercial tanker Humber, which transported the removed fuel oil.

Lt. Cmdr. Tim Emge, officer-in-charge of salvage operations, said: “There are no longer active leaks with 97 percent of the oil having been removed.

The remaining oil is enclosed in a few internal tanks without leakage and encased by layered protection. Of the 173 total oil tanks, the 143 external tanks have been pumped of all appreciable amount of oil.” Deeper Blue / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

Editor: You can read more about the Prinz Eugen and the background to this operation in [Issue 653 of the ISCO Newsletter](#)

MAURITANIA: DEVELOPMENT OF THE OIL SPILL RESPONSE CONTINGENCY PLAN

October 15 - An engineer from Cedre was in Nouakchott from 16th to 22nd September, as part of a spill contingency plan development project for the Mauritanian subsidiary of Total Exploration & Production.

The aim of this mission was to meet representatives of the subsidiary as well as key contacts at State-level. Our engineer met with representatives of the Mauritanian Ministry of Environment and Sustainable Development, Ministry of the Interior, Ministry of Equipment and Transport, Ministry of Petroleum, Energy and Mines, as well as representatives of the Mauritanian Navy and Air Force under the Ministry of National Defence.

This visit was also the opportunity to hold discussions with the Directorate-General of Customs, the Nouakchott Port Authority, the National Meteorological Office and the Mauritanian Institute of Oceanographic Research and Fisheries.

Finally, meetings were organised with private sector representatives, in particular **SOMELEC** (*Société Mauritanienne d'Electricité*), SEBCO, **KOSMOS ENERGY** and **TULLOW OIL**.

Thanks to the support received from TEPM, the collaboration of our contacts and the data collected, we were able to review the organisational and collaborative framework for any spill response actions and to pinpoint the strategies to be integrated in the contingency plan which is currently under development. [CEDRE Newsletter](#)

MEXICO: MAXIMUM ATTENTION TO SEA TURTLES DUE TO OIL SPILLS IN THE GULF OF MEXICO

October 15 - As part of the Gulf of Mexico Research Consortium (CIGOM), the Remote Sensing Laboratory and Geographic Information Systems of the Center for Research and Advanced Studies (Cinvestav), Mérida unit, has been dedicated in recent years to studying the distribution of sea turtles in the Mexican area of the Gulf of Mexico, from Tamaulipas to Quintana Roo.

In addition to obtaining basic scientific information, the researchers seek to generate a contingency plan for oil operations that affect sea turtles and their habitats in the Gulf of Mexico, with the collaboration of representatives of research institutions, civil associations and the public sector. These efforts are part of the project Analysis of critical habitats of sea turtles, registered in two lines of work of the Cigom: baseline and environmental monitoring and analysis of spill scenarios. Maritime Herald / [Read more](#)

NIGERIA SET TO ENFORCE SAFETY CODE ON DANGEROUS GOODS – NIMASA

October 12 - The Nigeria Maritime Administration and Safety Agency on Friday said the country was set to implement safety code on dangerous goods to enhance safety in the nation's marine environment.

Rotimi Fashakin, NIMASA's Director of Operations, said this during a technical session for port users on the Implementation of International Maritime Dangerous Goods Code organised by NIMASA in Lagos. He said that the indiscriminate dumping of dangerous goods in the marine environment had been a growing concern and a threat to human health and the environment.

He said that the IMDG code was a convention under the auspices of the International Maritime Organisation to which Nigeria is a signatory. The Eagle / [Read more](#) [Thanks to Don Johnston is ISCO Industry Partner, DG & Hazmat Group]

PANAMA: OIL SPILL RESPONSE WORKSHOP & TRAINING COURSE



October 18 - During this week a four-day training workshop got underway at Ciudad de Panama, in Panamá, on October 15th to 18th. The training was organized by Ocean Pollution Control (OPC) of Panama, the principal OSRO of this country with a direct relationship with the Panama Maritime Authority (AMP).

The event brought together managers of some of the principal national institutions like the AMP, Secretary of Energy, ARAP (Fishing Authority), SINAPROC (Emergency System of Panama), the National Firefighters, the Municipality of Taboga, the principal port of the country PPC (Panama Ports Company), some of the oil terminals like Petroterminal Panama (PTP), Telfer, Puma, Kanan, Petroamerica Terminal, PATSO, one emblematic NGO like Audubon, and international OSROs from El Salvador (OPC ES) and Honduras (OPCH).

It was developed as a 4-day theoretical course (IMO Model Course on Oil Pollution, Response and Co-operation OPRC – Level 3 – Strategic for Managers) directed by Capt. Luis Vila and as Instructors Mr Carlos Sagrera (ISCO Council Member) and Mr Juan Diego Reyna (OPC Manager). It's the first time in 11 years that this OPRC Level 3 has been completed in Panama (last one was done in 2007) outside the activities of the canal area.

The opportunity was effective to explain for the first time in Panama the new standard spill response contract RESPONSECON, from BIMCO-ISCO.

The National Authority explained their effort to finish the NCP as soon as possible in a pre-election year.

[Thanks to Carlos Sagrera, MSc, MISCO, HSE & Oil Spill Control Advisor, Member of ISCO Council for Panama]

SPAIN: IOPC FUNDS DIRECTOR MEETING WITH MERCHANT MARINE



October 18 - On 15 October 2018 the Director, José Maura, and the Head of the Claims Department, Liliana Monsalve, met with the newly appointed Director General of the Merchant Marine, Benito Nuñez, in Madrid, Spain. Julio Fuentes, Deputy Director General (Legal Division), also participated in the discussions which focused on the latest developments in the Prestige incident.

In anticipation of the decision by the Supreme Court, which is expected later in 2018, the opportunity was taken to discuss issues concerning compensation of losses suffered in Spain, France and Portugal, in preparation for the final stages of the handling of this incident in Spain.

<http://www.iopcfunds.org/>

USA: A MASSIVE COLUMBIA RIVER OIL SPILL: DRILL PREPARES FOR THE UNTHINKABLE

October 11 - They deployed early Wednesday morning, in boats big and small, armed with oil skimmers and floatation booms to collect gobs of imaginary oil that could someday coat the banks of the Columbia River. Around 6:30 a.m., the first wave of the flotilla took to the water, part of the second-ever oil spill response drill on the river.

"A major oil spill on the river is something that we hope we never have to deal with for real, but we have to be ready," said Dale Jensen, manager of the Washington Department of Ecology Spills Program. "Drills like this are absolutely necessary so that we are ready to roll rapidly and in a well-coordinated way if we get that call." Oregon Live / [Read more](#)



USA: DONJON MARINE WINS MAJOR US NAVY SALVAGE CONTRACT

October 15 - Donjon Marine Co., Inc. has been awarded the prestigious contract to provide the US Navy with salvage services throughout much of the western hemisphere. Donjon first secured the work in 1980 and has won each subsequent tender. This new award will see Donjon give more than 40 years of continuous service to the US military.

The contract is with the Department of Navy, Naval Sea Systems Command, Supervisor of Salvage and Diving. It is for "Provision of Salvage and Salvage-related Services within Zone A". Zone A is defined as the Atlantic Ocean in all latitudes from the north pole to the south pole and also includes the Gulf of Mexico on the western side and the Black Sea and Mediterranean Sea on the eastern side. The Maritime Executive / [Read more](#)

USA: MINNESOTA - ENBRIDGE OUTLINES \$1.4 BILLION WORST-CASE SCENARIO SPILL ON PROPOSED PIPELINE

October 16 - A worst-case oil spill on Enbridge's planned new oil pipeline across northern Minnesota would cost an estimated \$1.4 billion, a little more than the price of the company's mammoth spill in Michigan eight years ago. Enbridge was required to come up with the worst-case scenario by the Minnesota Public Utilities Commission (PUC), which conditionally approved the company's new Line 3 pipeline in June. Star Tribune / [Continue reading](#)

USA: MICHIGAN GOV'T, ENBRIDGE AGREEMENT TO REPLACE LINE 5 OIL PIPELINE WITH TUNNEL

October 16 - On Oct. 3, the Michigan state government and Enbridge, a Canadian energy transportation company, announced a plan to replace the twin Line 5 oil pipelines that run through the Straits of Mackinac, a major waterway that connects Lakes Michigan and Huron. The agreement calls for the decommissioning of the existing pipeline after a new one is built in a tunnel below the Straits.

The Line 5 pipelines are 645 miles long, transporting up to 540,000 barrels of crude oil and natural gas per day. The new tunnel would not change the volume of oil transported daily. The project is set to take seven to 10 years to complete and cost \$350 million to \$500 million. Enbridge will provide all of the funding and will continue to pay for the operation and maintenance of the tunnel for up to 99 years. Michigan Daily / [Read more](#)

USA: OREGON - EWEB HOSTS ANNUAL SPILL DRILL TRAINING ON MCKENZIE RIVER

October 18 - Organizers said Thursday's hypothetical scenario involved a fuel tanker crashing near Hendricks Bridge, releasing an estimated five-thousand gallons of diesel into the McKenzie River. First responders who participated in the Spill Drill then set up fast-water containment booms, deployed fuel recovery equipment and performed other tasks to minimize the spread of the diesel. KEZI ABC News / [Read more](#)

USA: NOAA OR&R PROVIDES SHORELINE CLEANUP AND ASSESSMENT TECHNIQUES (SCAT) TRAINING IN ASTORIA, OREGON

Photo: SSCs Ruth Yender and Catherine Berg assist teams during a field exercise near the mouth of the Columbia River. Image credit: NOAA

October 19 - Thomas Peltzer, Ruth Yender, Catherine Berg, and Matt Bissell, all Scientific Support Coordinators (SSCs) with OR&R, taught a Shoreline Cleanup and Assessment Techniques (SCAT) training course on October 16 - 18 at the U.S. Coast Guard (USCG) Sector Columbia River Air Station in Astoria, Oregon.

Participants included responders from USCG Sectors Puget Sound and Columbia River, Washington State Department of Ecology, Oregon State Department of Environmental Quality, Oregon Department of Fish and Wildlife, and a representative from the confederated Coos, Lower Umpqua and Suislaw tribes in southern Oregon.

NOAA OR&R / [Read more](#)



PEOPLE IN THE NEWS

EUROPE: EMSA ADMINISTRATIVE BOARD APPOINTS NEW EXECUTIVE DIRECTOR



October 16 - Croatian State Secretary for the Ministry of the Sea, Transport and Infrastructure, Maja Marković Kostelac has been named new Executive Director of EMSA. Ms Markovic Kostelac will take up her five year term at the beginning of 2019 and is familiar with EMSA having been an Administrative Board member since January 2017. With only one quarter of heads of EU agency positions being held by females, this appointment will go some way towards redressing the gender balance. EMSA takes this opportunity to wish Ms Markovic Kostelac a very successful start to her mandate.

<http://www.emsa.europa.eu/>

OBITUARY

FOUNDER OF CLEAN UP AUSTRALIA IAN KIERNAN PASSES

October 16 - The Founder and Chairman of Clean Up Australia Ian Kiernan has passed away.

Kiernan's work, including cleaning up Australia's beaches and oceans and educating people on plastic bags, was fundamental to shaping Australia's attitude towards preventing pollution of the marine environment. This extended to the thousands of people who take actions such as saying "no" to a plastic bag at the checkout or refuse a single use item.

His vision created Clean Up Australia, the nations largest community mobilization effort which is now firmly embedded in Australian and global culture.

As an avid sailor, Kiernan had always dreamed about sailing around the world. In 1987, his dream came true when he competed in the BOC Challenge solo around-the-world yacht race.

As he sailed through the oceans of the world in his yacht Spirit of Sydney he was shocked and disgusted by the pollution and rubbish that he continually encountered in areas such as the Sargasso Sea in the Caribbean. Having waited years to see the Sargasso's legendary long golden weeds, Kiernan's excited anticipation turned to anger and disappointment when he found the waters polluted and tangled with rubbish.

Back in Sydney Ian organized a community event with the support of friends, including Clean Up co-founder Kim McKay, Clean Up Sydney Harbour. The next year Clean Up Australia Day was born.

Ian and his committee believed that if a capital city could be mobilized into action, then so could the whole nation. Almost 300,000 volunteers turned out on the first Clean Up Australia Day in 1990 and that involvement has steadily increased ever since. Since then Australians have devoted more than 33 million hours towards the environment through Clean Up Australia Day removing the equivalent of more than 350,000 ute loads of rubbish. The Maritime Executive / [Read more](#)



DOCUMENTING DECADES IN OIL SPILL CONTROL: MINIBYTES # 2



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

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

Copyright © 2018 AI Allen. Unauthorized use and/or duplication of this material without express and written permission from this blog's author is prohibited. Originally published at <https://www.elastec.com>

On the Elastec website there is a facility for you to be able to read this article in different languages – Arabic, Chinese, French, German, Hindi, Japanese, Malay, Polish, Portuguese, Russian, Spanish and Turkish. Visit <https://www.elastec.com/encounter-rate-oil-spill-response/>

“Encounter Rate”

The rate at which one can encounter a specific volume of floating oil is one of the most important parameters in the overall assessment of a given response system's ability to access and eliminate spilled oil. Regardless of the type of system under consideration (i.e., skimming, burning or applying chemical dispersants), the volume encounter rate will depend upon the system's swath (i.e., the width of its passage through or over oil), its speed while accessing the oil, and the average thickness of the oil encountered. The product of a system's swath and speed is simply the rate at which it sweeps out area1, while the product of swath, speed and oil thickness gives the rate at which that system can access a volume2 of oil with that average thickness across its entire swath.

Experienced spill response personnel must be bored silly with this discussion so far! On the other hand, I hope that less experienced people will be patient, hang in there, and soon realize why the product of swath, speed and thickness is so important in the assessment of a system's full potential. A few sample calculations using the equation at the end of this blog should help reveal why it is so hard to clean up an oil spill! Note: A vast number of skimmers work with swaths of only 10's to 100's of feet and speeds of 1 to 3 feet/sec, while trying to intercept patchy oil slicks averaging 100ths to even 1000ths of an inch in thickness. Large-volume spills, especially in cold climates, often provide brief opportunities with average oil slick thicknesses on the order of a tenth of an inch. However, even the latest skimming systems with broad swaths and high operating speeds face encounter rate and other operating constraints. These include adequate onboard storage for recovered product, reduced visibility from weather/night conditions, strong wind and waves, floating debris, equipment malfunctions, personnel fatigue, etc. These and other constraints involving mechanical removal present unique challenges for equipment designers and spill responders. I will address many of those issues in future blogs, along with the constraints, tradeoffs and benefits of controlled burning and the application of chemical dispersants.

We will look at one of the most important factors affecting any system's performance -- that is, the efficiency with which it recovers or eliminates any oil accessed. For skimmers, only a portion of the oil accessed actually gets captured and brought onboard. That portion, as a percentage of the oil encountered, is called Throughput Efficiency. In addition, there is always some water picked up along with the oil. The percentage of oil in the total volume of oil and water recovered and taken onboard is the system's Recovery Efficiency. In my next blog I'll address representative throughput and recovery efficiencies for skimming systems as well as efficiencies typically associated with the controlled burning of oil on water and the application of chemical dispersants. The range of realistic values for these parameters, together with nominal oil encounter rates will set the stage for meaningful assessments of each option's potential performance under a broad range of operational and environmental conditions.

1 Swath (feet) x Speed (feet/second) = Area Access Rate (feet²/second).

2 Swath (feet) x Speed (feet/second) x Oil Thickness (inches) = Volume Encounter Rate (feet² x inches/second).

A unit conversion factor of 37.4, changing (feet² x inches/second) to (U.S. gallons/minute) is helpful, making:

Volume Encounter Rate (gpm) = 37.4 x Swath (ft) x Speed (ft/sec) x Thickness (in.)

TO BE CONTINUED

SCIENCE & TECHNOLOGY

BSEE RESEARCH COULD IMPROVE INDUSTRY'S OIL-SPILL RESPONSE CAPABILITIES

October 10 - The Bureau of Safety and Environmental Enforcement (BSEE) presented significant research about oil spill response during the 41st Annual Arctic and Marine Oil Spill Program Technical Seminar on Environmental Contamination and Response in Victoria, British Columbia, Canada. The research addresses a challenge in oil spill response that industry and the research community have identified as a priority.

Karen Stone, a research engineer working on oil spill response for the bureau, presented her findings during a seminar on water-in-oil emulsions during oil spill remediation. The seminar serves as an international forum on preventing, preparing for, responding to, and recovering from spills of oil and chemicals in the environment.

BSEE conducted research to respond to the serious concern of emulsions being present during oil spill operations,

SCIENCE & TECHNOLOGY

“BSEE conducted research to respond to the serious concern of emulsions being present during oil spill operations,” explained Stone. “The research results have the potential to improve the industry’s oil-spill response capabilities, decrease the cost and improve the scientific quality of emulsion tests.” BSEE / [Read more](#)

CEDRE - DEVELOPMENT OF A BIOREMEDIATION AGENT TEST PROTOCOL



October 18 - As part of our response product testing activities, here at Cedre we are currently working to define a test protocol to assess the efficiency of bioremediation agents.

Bioremediation is an oiled site restoration technique which draws on oil biodegradation phenomena. This approach, considered environmentally-friendly, can be an option for the final clean-up phase of an oiled site. Bioremediation relies on the capacity of so-called hydrocarbonoclastic bacteria to use hydrocarbon molecules as a source of carbon to develop. To overstep the experimental boundaries of pre-existing efficiency tests (in laboratory conditions which are not representative of real-life operational conditions), pilot-scale trials were launched in September on Cedre's man-made beach as well as in semi-open conditions using our Shoreline Test Bench. During the at least 3-month period of experimentation, the degradation of the oil and the evolution of the diversity of bacterial populations (collaboration with

Ifremer) will be monitored. The long term aim of this project is to develop a test protocol to determine the efficiency of bioremediation agents as reliable as those we have for dispersants and sorbents. CEDRE / [Read more](#)

SAFETY BRIEFING

OSHA: YOUR BLUEPRINT FOR CHEMICAL SAFETY TRAINING

September 1 - Chemicals present an unusual set of safety concerns and requirements. Chemicals can be unpredictable, are not always in a fixed location and, in some cases, can be incompatible to other chemicals in the immediate work environment. Therefore, chemical safety training must occur early, often, and as close or specific to the actual location and usage scenario as possible.

Prior to embarking on your chemical safety training, you should have a chemical safety program defined and in place. Safety data sheets, the primary form of chemical information, are becoming increasingly dense with detailed technical information. Consequently, some basic employee protections and precautions can get lost in translation. Therefore, it's imperative that your training efforts refocus back to the original goal of the SDS, which is to help and protect workers. OSHA / [Continue reading](#)

Editor: This is quite a long article (4 pages) and treats the subject matter in a comprehensive way. Recommended reading for OSROs that are involved in chemical spill response

RESPONSE EVENTS DURING OCTOBER 2018 (UPDATED)

BRAZIL: NOSCA SEMINAR 2018

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

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

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

UK: IMO MARINE ENVIRONMENT PROTECTION COMMITTEE

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

UK: MEETING OF IOPC FUNDS GOVERNING BODIES

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

RESPONSE EVENTS DURING OCTOBER 2018 (CONTINUED)

SWEDEN: FOURTH INTER-REGIONAL WORKSHOP ON RISK ASSESSMENT TOOLS FOR POLLUTION PREPAREDNESS AND RESPONSE

Malmö, October 30. [More info](#)

UK & IRELAND: MEETING OF INTERNATIONAL SPILL ACCREDITATION ASSOCIATION

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

UPCOMING EVENTS – NOVEMBER 2018 ONWARDS (UPDATED)

COUNTRY	2018	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
UAE	Postponed*	RECSO EnviroSpill Conference & Exhibition	Abu Dhabi
TURKEY	Nov. 6-8	Regional Workshop & Oil Spill Exercise	Istanbul
TURKEY	Nov. 7	MOIG General Assembly Meeting	Istanbul
UK	Nov. 7	UK Spill Seminar 2018	Moreton-on-Marsh
POLAND	Nov. 8	Transboundary Response Exercise	Świnoujście
GUINEA	Nov. 12-15	National w'shop on shoreline response to oil spills	Conakry
FRANCE	Nov. 13	Pollutions accidentelles des eaux de surface	Paris
OMAN	Nov. 13	Regional Workshop- Pollution Liability & Compensation	Muscat
USA	Nov. 13-15	Clean Gulf Conference and Exhibition	New Orleans, LA
UK	Nov. 21-22	WWEM Water Conference and Water Exhibition	Telford
JAMAICA	Nov. 27	National Workshop on International Liability and Compensation Regime	Kingston
FRANCE	Nov. 27-30	Pollutec 2018: Eco Trade Show & Conference	Lyon
PHILIPPINES	Nov. 27-30	East Asia Seas Conference 2018	Iloilo
UK	Dec. 5-6	Salvage & Wreck Removals Conference	London
UK	Dec 5	Maritime Accidents & Emergencies Summit	London
GERMANY	Dec. 5-6	13th Arctic Shipping Summit	Hamburg
TOGO	Dec. 5-7	Workshop on liability and oil spill compensation	Lomé
CHINA	Dec. 6-7	Oil Spill Response Workshop (OSRW 2018)	Beijing
COUNTRY	2019	TITLE OF EVENT	LOCATION
USA	February 4-7	Gulf of Mexico Oil Spill & Ecosystem Conference	New Orleans, LA
SAUDI ARABIA	February 19-21	PetroEnvironment 2019	Al Khobar
FRANCE	March 5	CEDRE Information Day	Paris La Défense
USA	March 26-27	SCAA Annual Meeting & Conference	Arlington, VA
USA	April 16-18	Clean Waterways Conference	Cincinnati, OH
AUSTRALIA	May 20-24	SPILLCON 2019 Conference and Exhibition	Perth
CANADA	June 4-6	42 nd AMOP Technical Seminar on Environmental Contamination & Response	Halifax, Nova Scotia
CANADA	June 18-20	Clean Pacific Conference and Exhibition	Vancouver BC
USA	October 28-31	Clean Gulf Conference and Exhibition	New Orleans LA
COUNTRY	2020	TITLE OF EVENT	LOCATION
USA	May 11-14	International Oil Spill Conference & Exhibition	New Orleans LA
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

* Event postponed. New dates will be advised ASAP.

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

[Alga Chronicle](#)
[AMSA Aboard](#)
[ATRAC Newsletter](#)
[BIMCO Bulletin](#)
[Newsletter from George Holliday](#)

News from Australia on Contaminated Land Remediation
 News from the Australian Maritime Safety Authority
 News from the Adriatic Training and Research Centre
 Marine and shipping-related news from BIMCO
 News and commentary on HSE issues from George Holliday

August 2018
 December 2017
 Sept. 2018 issue
 Sept. 2018 issue
 On request email

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS (CONTINUED)

Bow Wave	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
Cedre Newsletter	News from Cedre in Brittany, France	July-August 2018
EMSA Newsletter	News from the European Maritime Safety Agency	October 2018
IMO News Magazine	News from the International Maritime Organization	Autumn 2018 issue
IMO Publishing News	New and forthcoming IMO publications	Aug.-Sept. 2018
Intertanko Weekly News	International news for the oil tanker community	October 19, 2018
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	October 2018 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	March-April, 2018
MOIG Newsletter	News from the Mediterranean Oil Industry Group	October 2018 issue
Nautical Institute News	News from the Nautical Institute	June-July, 2018
Navigate Response	Global crisis communications network for shipping & marine	September 2018
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	September 2018
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Spring 2018
PEMSEA E News	Healthy oceans, people and economies in the East Asian Seas	August, 2018
Pollution Online Newsletter	News for pollution prevention & control professionals	October 17, 2018
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	Spring 2018 issue
Spill Alert	Newsletter from the UK Spill Association	December 2017
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	Sept. 1-15, 2018
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	October 1, 2018

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

BUSINESS OPPORTUNITIES

IMPLEMENTATION OF THE COMPLIANCE/PREVENTION UNDERGROUND STORAGE TANK PROGRAM AND THE CLEANUP OF LEAKING UNDERGROUND STORAGE TANK PROGRAM

U.S. EPA, Funding Opportunity EPA-OLEM-OUST-18-04, 2018

EPA announces the availability of funds and solicits proposals to promote the prevention, identification, corrective action, and management of releases from federally regulated underground storage tanks (USTs) through training of state and tribal personnel, information exchange, dissemination of the results of studies and research electronically, and coordination that promotes cooperation among federal, state, and tribal programs.

Funding under this announcement shall be used for activities that support state and tribal underground storage tank compliance/prevention programs and state and tribal leaking underground storage tank cleanup programs. The goals of these cooperative agreements are to provide states and tribes with training opportunities; technical information; communication exchange of research and demonstration projects; and a forum for federal, state, and tribal partners to give insights on lessons learned. See additional information at <https://www.epa.gov/grants/implementation-complianceprevention-underground-storage-tank-program-and-cleanup-leaking>.

The closing date for applications is November 15, 2018. Two awards are anticipated out of an estimated total program funding of \$3.2M.

Proposals will be accepted from public authorities (state, interstate, intrastate, agencies designated by states or territorial governors to receive UST notifications, federally recognized tribes, and intertribal consortia); public agencies and institutions; and private non-profit organizations and agencies that meet the requirements of Section 8001(a) and (b) of the Solid Waste Disposal Act. Profit-making organizations and the general public are not eligible. <http://www.grants.gov/web/grants/view-opportunity.html?oppld=309384>
<https://clu-in.org/products/tins/>

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.
