



## 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 INFORMATION

## U.S. EPA AND UNEP PARTNER TO PROTECT HUMAN HEALTH AND THE ENVIRONMENT

September 8 - Today the United Nations Environment Programme (UNEP) and U.S. Environmental Protection Agency (EPA) signed a renewed five-year Memorandum of Understanding. The agreement addresses key areas of collaboration to strengthen environmental governance, create healthy communities, transition towards green economies, and respond to climate change and other global environmental challenges. The organizations have also committed to lead by using science as the basis to tackle environmental pollution and rising emissions to ensure healthy and productive ecosystems and people.



"I am pleased to renew the strong partnership between UNEP and the EPA, demonstrating the critical importance of U.S. leadership on global environmental challenges," said Inger Andersen, Executive Director of UNEP. Together, UNEP and the EPA seek to deliver and leverage sound science to address the triple planetary crisis of climate change, biodiversity loss and pollution – to secure the health of people and planet." [UNEP / Read more](#)

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(Members appointed to undertake special responsibilities in specified geographical areas)

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## MORE INTERNATIONAL NEWS IN BRIEF

### PROTECTING GLOBAL BIODIVERSITY: POLITICAL MOMENTUM FOR NATURE PICKS UP AT PRE-COP 15 HIGH-LEVEL EVENT

August 31 - Under the [European Green Deal](#), the European Commission adopted its [EU Biodiversity Strategy](#) last year, which aims to put Europe's biodiversity on a path to recovery by 2030. It commits to establishing a larger EU-wide network of effectively managed protected areas covering 30% of land and 30% of sea, with one third of this area strictly protected. The Strategy also sets out a wide range of commitments and measures aimed at restoring nature, enabling the necessary transformational change and expresses the Commission's determination to mobilise all tools of external action and international partnerships to help develop and implement an ambitious new UN Global Biodiversity Framework.

At the 76th session of the UN General Assembly (UNGA 76, 14-30 September), an interactive dialogue on Harmony with Nature will take place. The EU is also co-organiser of the special event "Transformative Action for Nature and People" on 22 September. [European Commission / Read more](#)

### THE CENTRAL AND EASTERN MEDITERRANEAN COASTAL STATES EVALUATES THEIR READINESS TO RESPOND TO OIL SPILLS JOINING WESTERN MEDITERRANEAN COUNTRIES IN THE USE OF HARMONISED ASSESSMENT TOOLS

September 9 - The Sub-regional Workshop on the assessment of the level of oil spill response planning and readiness management for the Central and Eastern Mediterranean, financed by the International Maritime Organization's (IMO) Integrated Technical Cooperation Programme (ITCP) was organised online by the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) between 7 and 8 September 2021.

This Workshop which follows the [workshop for Western Mediterranean coastal States \(Valletta, Malta April 2019\)](#), organised in the framework of the EU-funded Western Mediterranean Region Marine Oil and HNS Pollution Cooperation Project ([West MOPoCo](#)), marks an important milestone toward the harmonisation of national assessment of the level of preparedness to respond to oil spills, throughout the Mediterranean region.

The first session was attended by thirty-five (35) representatives from competent authorities from Albania, Bosnia & Herzegovina, Croatia, Cyprus, Egypt, Greece, Israel, Libya, Monaco, Montenegro, Slovenia, and Turkey.

The participants acquired hands-on working knowledge and experience on the use of assessment tools to analyse and identify gaps in national oil preparedness and response systems, including oiled wildlife response with the contribution of the [Sea Alarm Foundation](#) (Member of the [Mediterranean Assistant Unit](#)).  
REMPEC / [Read more](#)

### ITOPF PARTICIPATES IN BALEX DELTA EXERCISE

September 2 - ITOFF participated as evaluators in BALEX DELTA 2021, the annual exercise carried out by the HELCOM Contracting Parties (Denmark, Sweden, Estonia, Finland, Germany, Russia, Latvia, Lithuania, Poland, European Union) to test their response capabilities in case of a major accident and ensure international cooperation. Angela Pinzón represented ITOFF in this year's exercise, which was hosted by Finland

and led by the Gulf of Finland Coast Guard District in co-operation with the regional rescue services. The event took place from 23rd to 26th August in Kotka, Finland, under restrictions on movement and gatherings to ensure a safe environment for participants regarding Covid-19. Other organisations participating as observers/evaluators included HELCOM, Cedre, the Ministries of Interior and Environment of Finland, the Ministry of Interior of Estonia, the Polish Maritime Search and Rescue Service, and the Royal Danish Naval Command. ITOFF / [Source document](#)



## AUSTRALIA: NEW ANTARCTIC RESEARCH VESSEL DELIVERED



*Photo: Nuyina departing the Netherlands for her first voyage to Australia (Damen)*

September 6 - The world's newest and one of the most advanced Antarctic research vessels completed construction and commenced her delivery run from Northern Europe to Australia last week. The new ASRV (Antarctic Supply Research Vessel) Nuyina, (a Tasmanian Aboriginal word for southern lights) sailed from Damen Vlissingen in the Netherlands for a seven-week voyage to Hobart, Tasmania, where she will be commissioned.

Along with other new research vessels, including the UK's Sir David Attenborough, the Nuyina joins an elite class of next generation vessels. Her mission will include the resupply of Antarctic stations and research campaigns, scientific research, icebreaking, transport, disaster relief, evacuation, and patrol duties. The Maritime Executive / [Read more](#)

## CYPRUS: SHIPPING DEPUTY MINISTER EXPLORES EMSA'S ENVIRONMENTAL IMPACT REPORT

September 2 - Press Release – [A new report](#) by the European Maritime Safety Agency (EMSA), titled the "European Maritime Transport Environmental Report," or *EMTER*, outlines, for the first time, the full extent to which the EU maritime transport sector impacts the environment. It also highlights the potential challenges these impacts represent to global sustainability efforts. In a panel discussion at EMSA's report launch, **Vassilios Demetriades, Cyprus Deputy Shipping Minister** commented on its findings, providing input into what the potential solutions to these challenges may be. gCaptain / [Read more](#)



## DENMARK: UNDERWATER DRONES MONITOR THE DANISH LAKES



September 8 - Over the summer, the Environmental Protection Agency and DCE have tested a new and improved underwater drone, also called a ROV (Remotely Operated Vehicle), for monitoring the aquatic environment. Unlike last year's model is the eye-catching grappling arm, which can retrieve samples of aquatic plants from the lakebed.

When examining lakes, a diver is usually sent into the water, but the ROV will save working time and manpower in relation to sending a diver into the water. However, there are still some challenges with the ROV, because if the water is cloudy, the underwater drone will have difficulty navigating. Danish EPA / [Read more](#)

## ECUADOR TO CREATE NEW GALAPAGOS MARINE RESERVE

September 7 - Ecuador's government is considering creating a new marine reserve near the Galapagos Islands to protect migratory species of turtles, whales, and sharks threatened by industrial fishing and climate change.

A massive Chinese fishing fleet operating near the Galapagos gained global attention last year over concerns about the potential impact to marine wildlife in the remote islands that inspired British scientist Charles Darwin's theory of evolution.

Ecuador has little recourse to prevent Chinese fleets from fishing at the edge of its waters, but can limit the activities of its own domestic commercial fishing industry, said Environment Minister Gustavo Manrique.

The proposal would triple the size of the existing 133,000 square km (51,352 square mile) reserve, one of the largest in the world, helping reduce the likelihood of migratory species getting caught in the nets of Ecuador's fishing fleet. gCaptain / [Read more](#)

## ESTONIA: ITOPF ATTENDS CLAIMS AND COMPENSATION WORKSHOP



September 6 - ITOPF led a national workshop on Claims and Compensation in Tallinn, Estonia, on 16th and 17th August. Presentations were also provided by the IOPC Funds, the International Group of P&I Clubs and the Ministry of Environment of Estonia. Topics covered included the international conventions, national legislation, the presentation and assessment of claims, claims for environmental damage and clean-up, and preventive measures.

The workshop was attended by representatives from the Ministry of Environment, Ministry of Interior, Police and Border Guard Board, the Estonian Prosecutor's Office, the Estonian Environmental Board, the Estonian Transport Administration, as well as private maritime lawyers. ITOPF / [Source doc.](#)

## ITALY: SNPA REPORT ON ENVIRONMENTAL CONTROL WILL BE PRESENTED AT THE GREEN SYMPOSIUM 2021

September 9 - The SNPA Report dedicated to environmental controls is at the center of the event "Environmental controls: an opportunity for our country", next thursday 16 September starting at 12 am. The document intends to offer a broad background on what is the system of environmental controls in Italy carried out by the staff of ISPRA and the environmental agencies at the plants subjected to Integrated Environmental Authorization (AIA) and to the Seveso regulations. Among others, the DG ISPRA Alessandro Bratti and Alfredo Pini, director of the Environmental Assessments Department of ISPRA participate ISPRA / [Read more](#)

## KOREA: MARINE ENVIRONMENT AGENCY ESTABLISHES WIN-WIN COOPERATION WITH CIVILIAN CONTROL FORCES



September 6 - The Marine Environment Agency (KOEM, Director Han Ki-joon) held a final report on the research service of building a private defense co-operation system to strengthen national defense capabilities at the Korea Maritime University on June 6.

The study was intended to strengthen the civilian and co-operative system based on the marine environment management act revised last year, and resulted in the establishment of a joint response system for marine pollution accidents, strengthening the implementation capability, and supporting systems for securing local coastal control capabilities. KOEM / [Read more](#)



## MAURITIUS: INCIDENT WAS WORLD'S FIRST MAJOR SPILL OF VERY LOW SULFUR FUEL OIL

September 7 - A year after bulk carrier MV Wakashio ran aground in an environmentally sensitive area off Mauritius, Curtin University-led research has identified the incident as the first known spillage involving a new type of marine fuel oil.

Dr Alan Scarlett, lead author from the WA Organic and Isotope Geochemistry Centre in Curtin's School of Earth and Planetary Sciences, said the ship reportedly spilled 1000 tonnes of fuel oil but, until now, no chemical analysis of that oil had been published.

"Since the grounding of the Wakashio on a coral reef, there has been much speculation in the media about what oil was spilled, including headlines about so-called 'Frankenstein fuels', so we wanted to obtain a sample for research and analysis," Dr Scarlett said. "We obtained a sample of oily residue from the Mauritius coastline about eight kilometres from the grounded vessel, along with a sample of the Wakashio's fuel oil, and using a suite of sophisticated chemical and isotopic analyses, were able to confirm the spilled oil originated from the fuel tanks of the Wakashio.

The paper, 'MV Wakashio grounding incident in Mauritius 2020: the world's first major spillage of Very Low Sulfur Fuel Oil', was published in Marine Pollution Bulletin and can be found online [here](#). Mirage News / [Read more](#)

## PHILIPPINES & VIETNAM : FIRST BILATERAL MEETINGS HELD FOR THE BLUE SOLUTIONS PROJECT

September 3 - The countries sharing the seas of East Asia are deeply interconnected with maritime transport. The region hosts large shipbuilding industries, the busiest ports, and sees the majority of shipped goods pass through its waters. As part of their commitments towards combating climate change, these countries are taking actions to reduce the impact of maritime transport on climate change. They welcomed the development of the IKI/IMO/PEMSEA Project on Reducing Maritime Transport Emissions in East and Southeast Asian Countries, also known as the Blue Solutions project which aims to support countries around the seas of East Asia as they transform their maritime transport sector towards a low-carbon future in line with the aspirations, targets, and measures of the IMO GHG Strategy, ASEAN Transport Strategic Plan 2018-2025 and PEMSEA's Sustainable Development Strategy for the Seas of East Asia (SDS-SEA).

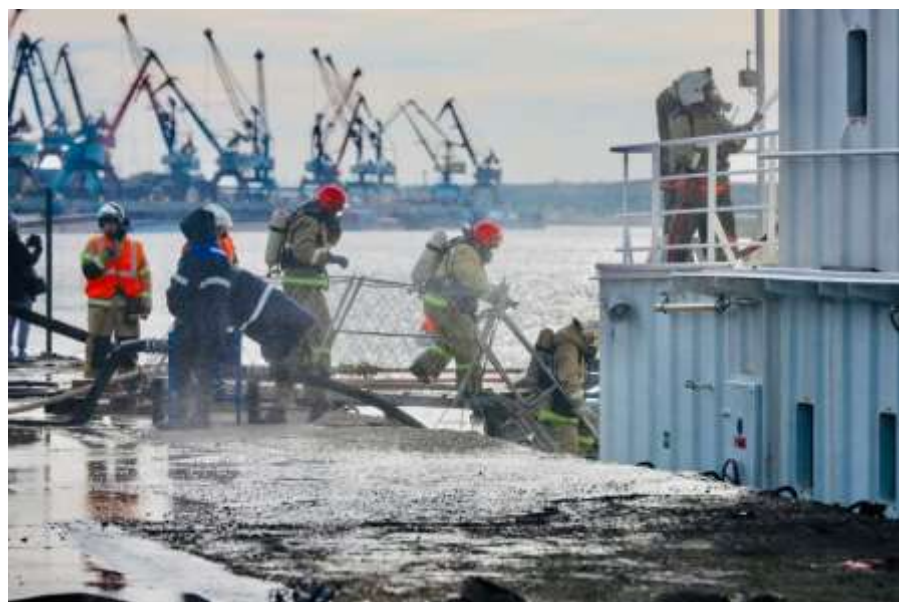
The Blue Solutions project is funded by the German government through the International Climate Initiative (IKI) and will be jointly coordinated by the International Maritime Organization (IMO) and PEMSEA.

To deepen engagement between the project and its participating countries, national inception workshops are being held for each. So far, two have taken place:

The National Inception Workshop for the Philippines was held on 12 – 13 August 2021 and was facilitated by PEMSEA Executive Director Ms. Aimee Gonzales and Department of Transportation (DoTR) Assistant Secretary for Planning and Project Development Dr. Maria Sheilah G. Napalang.

The National Inception Workshop for Viet Nam was held on 19 – 20 August 2021 and was facilitated by Ms. Gonzales and VINAMARINE Deputy Director of the Department of Science, Technology, and Environment, Ms. Tran Thi Tuyet Mai Anh. PEMSEA / [Read more](#)

## RUSSIA: AS BIG MILITARY DRILLS ZAPAD-21 KICK OFF, RUSSIAN CIVIL DEFENCE PREPARES FOR AN ARCTIC EMERGENCY



*Photo: Emergency training in Dudinka, on shores of Yenisey River. Photo: mchs.gov.ru*

September 7 - The exercise is organised by the Ministry of Emergency Situations and unfolds across the Russian Arctic from Murmansk in the west to Chukotka in the east. It includes a total of 12 emergency scenarios, and up to 18 federal government institutions are involved, the Ministry informs.

"The format, geography and involved units are unique," Minister Yevgeny Zinichev said as he formally launched the exercise during a visit to the far northern city of Dudinka on Tuesday. "It is the first time that this kind of exercise is organised in the Arctic, [and] the skills of each and every participating specialist are important and much-needed," Zinichev explained and

added that the training scenarios are all “characteristic for the Arctic region.” He also underlined that training will take place in areas immediately adjacent to the Northern Sea Route.

Following his address, Zinichev himself monitored three training scenarios in the Dudinka area; a fire onboard a icebreaker carrying chemical substances, and an oil spill and subsequent fire at an oil tank facility. Other scenarios include a fire onboard floating nuclear power station Akademik Lomonosov, an air crash in Tiksi and a cruise ship accident in the Kola Bay. The Barents Observer / [Read more](#)

### SAUDI ARABIA: CONCLUSION OF MARINE POLLUTION RESPONSE EXERCISE

September 11 - The tactical exercise of the Oil Pollution Control Hypothesis, entitled "response 4", was concluded in Jazan today and was inaugurated by His Royal Highness Prince Mohammed bin Nasser bin Abdulaziz, Emir of the region. The CEO of the National Center for Environmental Commitment Control Engineer Ali Al Ghamdi explained that the exercise was attended by 33 government and private entities, which demonstrates the importance of environmental work and the pursuit of good leadership guidance on the environmental side, translates the support of the rational leadership of environmental action, and reflects the depth of the leadership's vision of the importance of the environment in general and the marine environment in particular and its vital role in preserving the nation's wealth, social stability and economic development, through diligent and concrete work to achieve the objectives of the national strategy of the environment in particular Jazan Region and various regions of the kingdom.

He stated that (response 4) which lasted for three days is linked to a strategic aspect of considering the readiness to control pollution a national priority, and this is to raise the Kingdom's readiness towards any environmental crisis that may occur - God forbid - especially those related to the marine environment, which is the product of the qualitative leaps witnessed in the Kingdom that enable the Kingdom, God willing, to face any environmental disaster when it occurs. He pointed out that the exercise is an important pillar in the series of efforts made by the National Center for Environmental Commitment Control, to ensure readiness and optimal readiness for emergencies in accordance with the government plans and programs adopted to this end, as the exercise aims to reach the maximum readiness and preparedness to deal with any marine pollution on the shores of the kingdom - God forbid - in accordance with the National plan to Combat Oil Pollution, and according to the plans and mechanisms of implementing the exercise, while ensuring the full readiness of the participants and the role of each of them and raising the material and human potential that it supports the success of this qualitative work, where the exercise aims, among other things, to benefit all participants from gaining experience and knowledge, as a result of organizing such joint exercises. he stressed that what is witnessed in the environmental work is a clear demonstration of the pursuit of the lifting of emergency readiness through the partnership of various entities, and the realization of the aspirations of good leadership by preserving the nation's environmental wealth and reducing the catastrophic consequences associated with this type of pollution. NCEC Saudi Arabia / [Original text](#)

### UK: NATIONAL MARITIME STRATEGY FOR THE IMO INSTRUMENTS IMPLEMENTATION CODE

September 8 – Guidance Document - The strategy's vision is to maintain influence and continually enhance global maritime safety and protection of the environment in partnership with the national and international maritime community. UK Govt. / [Read more](#)

### USA: CONTAMINATED SITE NEAR COLUMBIA’S BONNEVILLE DAM COULD GET TOP PRIORITY FOR SUPERFUND CLEANUP



*Photo: Aerial view of Bradford Island located near Cascade Locks on the Columbia River. Courtesy of Oregon Department of Environmental Quality /*

September 8 - The Columbia River’s Bradford Island moved a step closer on Wednesday to getting on the nation’s list of top-priority toxic cleanup sites, following the Biden administration’s proposal to designate it as a Superfund site.

The [Environmental Protection Agency](#) [announced the move on Wednesday](#) for the island at the Bonneville Dam site, where the U.S. Army Corps of Engineers dumped toxics for decades.

The proposal was seen as a belated move to bring environmental justice to the Columbia River’s Native American tribes, which have traditionally fished these waters about 40 miles east of Portland. The proposed Superfund listing follows years of pressure from Indigenous communities to clean up waters that have contaminated the river’s fish. OPB / [Read more](#)

### USA: EPA TAKES ACTION TO ADDRESS RISKS TO PUBLIC HEALTH BY UPDATING THE SUPERFUND NATIONAL PRIORITIES LIST

September 8 - Today, the U.S. Environmental Protection Agency (EPA) announced that it is adding four sites and proposing to add another 13 sites to the Superfund National Priorities List (NPL) where releases of contamination pose significant human health and environmental risks. This action includes the Northwest Odessa Groundwater in Odessa, Texas. EPA is also withdrawing a previously proposed site, following the Agency's science-based determination that placing the site on the NPL is not needed to protect human health and the environment.

With this Superfund NPL update, the Biden-Harris Administration is demonstrating a commitment to updating the NPL twice a year. By pledging to add sites more regularly to the NPL, EPA is taking action to protect the health of communities across the country while cleaning up and returning blighted properties to safe and productive reuse in areas where environmental cleanup and jobs are needed most. US EPA / [Read more](#)

### USA: BSEE ANNOUNCEMENT IN FEDERAL REGISTER

September 7 - Agency Information Collection Activities; Submission to the Office of Management and Budget for Review and Approval; Oil-Spill Response Requirements for Facilities Located Seaward of the Coastline.

AGENCY: Bureau of Safety and Environmental Enforcement, Interior. ACTION: Notice of information collection; request for comment.

SUMMARY: In accordance with the Paperwork Reduction Act (PRA) of 1995, the Bureau of Safety and Environmental Enforcement (BSEE) proposes to renew an information collection.

DATES: Interested persons are invited to submit comments on or before October 7, 2021.

Federal Register / Vol. 86, No. 170 / Tuesday, September 7, 2021 / Notices – 50169 [Thanks to Dan Sheehan, Hon.FISCO]

**Note from Editor - NO NEWS FROM YOUR PART OF THE WORLD ? – Many national environmental agencies are currently failing to post up-to-date news on their websites. Members and other readers – “Please send information that will be of interest to readers in your own country and in the wider spill response community”. [John.mcmurtrie@spillcontrol.org](mailto:John.mcmurtrie@spillcontrol.org)**

## PEOPLE IN THE NEWS

### CHANGE AT THE HELM OF ITOPF – RETIREMENT OF DR KAREN PARNELL



September 1 - ITOPF announces the retirement of its Managing Director, Dr Karen Purnell, on 31st December 2021 after serving some 27 years with the company. Having overseen a recent Modernisation Project, Karen said “I am privileged to have found a career with a company that has enabled me to realise my dream of combining a love of science and the marine environment with the dynamic world of shipping. I have loved every moment of my near three decades with ITOPF and I’m proud to leave it stronger and poised to respond to the evolving needs of the future.”

Karen hands the reins to Oli Beavon, a seasoned leader with diverse experience gained over nearly three decades with BP. He is a Chartered Engineer with an MBA and has held a variety of leadership roles in global management of engineering, shipping & marine activity, and real estate, plus experience in finance, health & safety and HR. Oli worked for the last three years in workplace, human performance, and culture. He has a particular interest in developing talent and understanding the role of purpose and the work environment on delivering extraordinary outcomes. Oli responded to say that “I am very excited to become part of a team that I have admired for many years, and that is deeply respected for the expertise and professionalism it provides.” <https://www.itopf.org/>

## ANNOUNCEMENTS

### RAC/REMPEITC-CARIBE EMAIL ADDRESSES CHANGED AS PER MAY 1ST 2021.

Please update your records to replace our previous email addresses. Emails addressed to @cep.unep.org will no longer be applicable.

The new addresses are - RAC/REMPEITC-Caribe : [rempeitc@racrempeitc.org](mailto:rempeitc@racrempeitc.org)

Ms. Carla Bikker: [carla@racrempeitc.org](mailto:carla@racrempeitc.org) and [carlabikker1964@gmail.com](mailto:carlabikker1964@gmail.com)



### ISCO OFFERS A FREE ONE YEAR TRIAL MEMBERSHIP FOR STUDENTS, TRAINEES AND APPRENTICES WHO ARE MAKING A CAREER IN OUR INDUSTRY.

Download the application form at <https://spillcontrol.org/membership-application-form/>

Please note that Kayode Peter Balogun has been named head of the student group. He can be reached at [balogunkayodepeter@yahoo.com](mailto:balogunkayodepeter@yahoo.com), Mary Ann Dagleish (VP Membership) can be reached at [mrydetroit@aol.com](mailto:mrydetroit@aol.com).

PS. Our next ZOOM meeting will be Thursday, 30th September at 3 pm EDT (Detroit, MI USA). Hope you can all join us”.

## CONTRIBUTED ARTICLE

### PROTOTYPE TAKES A POLAR PLUNGE INTO AN ICY AND OILY TEST BASIN

An article from OHMSETT describes the testing of a system for improved oil recovery from ice in arctic conditions.



The bitter-cold, snowy, and icy conditions in New Jersey during the last week in January and first week in February 2021 were not necessarily a welcome sight for the Ohmsett staff, but a definite plus for conducting a BSEE funded evaluation of the Bowhead Ice Deflection System. The test scenario was similar in appearance to the very first ice test that took place at Ohmsett in the winter of 2002 during the Joint Industry Project (JIP) and BSEE funded Mechanical Oil Recovery in Ice Infested Waters (MORICE) project, but with a modern twist.

The development of the Bowhead prototype was initiated in September 2019 in response to recommendations from the final MORICE report. “The new ice deflection system, intended for potential deployment in an Arctic oil spill, will enhance the MORICE system and will focus on simplicity, scalability, ease of operation, and deployability,” said Kristi McKinney, BSEE program manager for mechanical containment and recovery. “A couple of key differences include developing an unmanned system with operations occurring from the deployment vessel, and moving the oil recovery from directly under the system to behind the system. This increases flexibility in pairing the Bowhead with existing skimmer systems.”

The need for this type of specialized technology came about due to difficulties response organizations have experienced with mechanical recovery of oil in ice infested waters. Conventional booms and skimmers tend to push the ice out of the way along with the oil. Some people believe that in-situ burn is the best response method; however this approach relies on the oil being thick enough to ignite and burn, which may not be the case. Therefore, an alternative approach is necessary.

In preparation for the January 25 – February 5, 2021 test, work started in December 2020 with the Ohmsett technicians creating over 300 blocks of ice in refrigerated chiller units; that’s equivalent to 100,000 pounds of ice. They filled wooden box forms and plastic trays with fresh water. All of the trays were loaded on racks and placed in the chiller units set at and steadily chilled to 0°F over two to three weeks to freeze the water into solid blocks.

Despite the frigid temperatures that descended upon Ohmsett during testing, the basin water still needed help cooling down to



better simulate ice infested waters. The staff ordered a 50-ton liquid chiller system to continuously recirculate the basin water, lowering the overall temperature to 30°F. The chiller system is similar to three units used in New York City's Central Park ice skating rink. "The frigid waters served to preserve Ohmsett's fabricated ice over longer durations than prior ice testing, and allowed for extended testing," said McKinney. "A benefit to the snow storm that occurred prior to week two tests included the natural creation of frazil/slush ice which enhanced the realism of the test environment."

The Ohmsett staff also had to develop an improved ice delivery system for depositing the ice into the test basin. The previous method paired a two-part slide system with a forklift. The new system was designed and fabricated to use the functionality of a telehandler, similar to a telescoping forklift, which could take a tray-load of ice from the parking lot, and deliver it directly to the surface of the basin water.

Once the fabricated ice was ready and the basin water chilled to 30° F, the technicians used the new ice handling system to place the ice blocks in the test basin. Then, the Bowhead paired with a skimmer, was lowered into an oil and ice field to demonstrate the recovery of rinsed oil.

The Bowhead system is designed to travel alongside a ship. To simulate that during testing the staff rigged the system between the main and auxiliary bridges so it could glide along the basin wall. "As the system was towed forward, the approaching ice engaged the inclined conveyor belt. In order to better grip the ice and pull it up out of the water, the conveyor belt is equipped with various spike-like implements to capture and convey ice through the system," explained Grant Coolbaugh, Ohmsett senior mechanical engineer. "As the ice traveled up the conveyor belt, it was exposed to water sprayers positioned above and below the conveyor to remove oil from the ice. Oil removed from the ice, as well as oil passing under the system during travel, was collected behind the system and directed to a skimmer for collection."

*This article was first published in the Summer 2021 issue of the OHMSETT Gazette  
<https://ohmsett.bsee.gov/gazette/Ohmsett%20Gazette%20Summer%202021.pdf>  
and is reprinted here with the kind permission of BSEE.*

## UPCOMING WEBINARS

### SECONDARY CONTAINMENT – SUBSTATION DESIGN AND OIL CONTAINMENT SOLUTIONS

**Tuesday, September 14, 2021 from 11 a.m. to Noon (EDT)**

Electric power plants and substations use oil in their equipment to generate and distribute their electric power. The presence of oil in their operations subjects power plants and substations to environmental regulations and oversight.

The above is one of a series of webinars with a focus on secondary containment. For more info visit

<https://www.basiconcepts.com/upcoming-events/>

### NOAA OR&R INLAND OIL SPILL FOR DOI RESPONSE

**Wednesday, September 15, 2021 3pm PDT** - The Inland Oil Spill for DOI Response Webinar Series covers the many aspects of oil spill response from the Department of the Interior (DOI) perspective, such as what roles DOI staff have within the Unified Command, evaluating and selecting appropriate habitat protection and cleanup methods and cleanup endpoints, being a member of a Shoreline Cleanup Assessment Technique (SCAT) team, emergency consultation, and juggling the roles of response and natural resource damage assessment. [More info](#)

### WEBINARS FROM THE UK & IRELAND SPILL ASSOCIATION

**Wednesday, 15 September 2021, 1500 BST** Knowledge Base: Specialist vessels used in spill response [More info](#)

**Wednesday, 22 September 2021, 1500 BST** Knowledge Base: Inland – Spill response to biofuels [More info](#)

**Thursday, 14 October 2021, 1500 BST** Knowledge Base: Inland – Soil sampling and analysis [More info](#)

**Wednesday, 20 October 2021, 1500 BST** Knowledge Base: Aerial surveillance, drones [More info](#)

**Wednesday, 17 November 2021, 1500 BST** Knowledge Base: Inland – Drill rig selection and safety [More info](#)

### WEBINAR ON TIERED PREPAREDNESS FOR WILDLIFE RESPONSE IN THE MEDITERRANEAN REGION

**Tuesday; 21 September 2021; at 10:00 am (CET)** - Oil Spill Response Limited (OSRL), Sea Alarm and the Mediterranean Oil Industry

## UPCOMING WEBINARS (CONTINUED)

Mediterranean Region. The webinar working language will be English. For registration to this event, participants are kindly requested to use the following link : [Wildlife Webinar Registration Form](#) and they will automatically receive a copy of the Webinar Link. We are looking forward to your active participation to this important event.

For more info see ISCO Newsletter 802 or visit [http://medoilgroup.org/newsletters/Newsletter\\_Issue\\_41.pdf](http://medoilgroup.org/newsletters/Newsletter_Issue_41.pdf)

## EXXONMOBIL OIL SPILL RESPONSE KNOWLEDGE TRANSFER WEBINARS 3 - 5

Please join us for the next three months' webinars as follows:

**Webinar 3: October 5th 2021;** Guest speaker – Stephen Lehmann; Topic - Oil Spills and Human Perception, Case Studies, Mistakes and Successes

**Webinar 4: November 2nd 2021;** Guest speaker – Ed Owens; Topic - What we really do on an oiled shoreline response

**Webinar 5: December 7th 2021;** Round-table discussion of stories during spills by Alan Allen, Ann Hayward Walker, Stephen Lehmann, and Ed Owens

The ExxonMobil Oil Spill Response Knowledge Transfer Webinar series is a monthly webinar to allow highly experienced OSR experts to transfer their knowledge to attendees. The webinar series will provide a platform to communicate, transfer, and preserve OSR knowledge, and to share insights and perspectives from industry, academia, oil spill responders, and other oil spill response experts.

The webinar series started on Tuesday, August 10 from 9 - 10 am Houston time and continue every first Tuesday of the following months. We intend to continue the webinars indefinitely depending on response and our ability to schedule appropriate speakers. To receive the link and other joining info, please send an email to Lin Zhao at: [lin.zhao@exxonmobil.com](mailto:lin.zhao@exxonmobil.com).

Note that there is still room for more participants so feel free to forward this invite to others but ask that potential attendees RSVP Lin Zhao to get on the distribution list.

## EIGHT PHASE APPROACH TO HNS INCIDENT SCENE MANAGEMENT – A STRUCTURED APPROACH TO SAFELY RESOLVING HAZMAT INCIDENTS

**Tuesday, 5 October 10:00 AM (BST) - free webinar - Phase 4 – Tactical planning during the incident**

Phase 4 - Once life-saving activities have been conducted and the responders have the necessary preliminary information about the incident, phase 4 begins with tactical planning on how to implement the plan. This webinar will include resource considerations such as personal protective equipment (PPE) required and the importance of a decontamination strategy. The panel will then discuss how to contain and control the substance, set up an environmental protection plan, stabilise the scene and the critical role played by the Hazmat Advisor. [More info](#)

## ONLINE AND OTHER TRAINING COURSES

### SOME USEFUL LINKS

- AUSTRALIA – AMOSC - <https://amosc.com.au/training/>
- AUSTRALIA & NEW ZEALAND – ALGA - <https://landandgroundwater.com>
- FRANCE - CEDRE - Click on these links [training catalogue](#) and [2021 calendar](#).
- UK & WORLDWIDE – OIL SPILL RESPONSE LTD. - <https://www.oilspillresponse.com/training/courses/>
- UK & WORLDWIDE – BRIGGS ENVIRONMENTAL SERVICES LTD. - <https://www.briggsmarine.com/services/training/>
- UK – NCEC HAZMAT ACADEMY – [More info](#)
- USA – TEXAS A&M UNIVERSITY – NATIONAL SPILL CONTROL SCHOOL - <http://nscs.tamucc.edu/schedule-2020-2021.html>
- USA – MPC, DETROIT - <https://marinepollutioncontrol.com/services/training-and-compliance>

If you would like to be listed here, please contact your editor – [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org)

## USA: FREE DOT HAZMAT (CLASS ROOM) TRAINING IN ROCKVILLE, MD.

Sept 14-16, 2021 -PHMSA HMIT Grant DOT Hazmat Advanced Awareness Training - More info at:

<https://hazmatsociety.org/training/phmsa-24-hour-dot-hmit-grant-dot-advanced-hazmat-dangerous-goods-workshop/>

Sept 21-23, 2021 - PHMSA HMIT Grant DOT Hazmat Basic Awareness Training - More info at:

<https://hazmatsociety.org/training/phmsa-hmit-grant-dot-hazardous-materials-regulations-basic-awareness-training-program/>

[Thanks to PC of Hazmat101 Group]

## USA: LECTURE: OIL SPILL EFFECTS LITERATURE SYNTHESIS

**Thursday, September 16, 2021 12pm PDT** - Dr. Jacqui Michel, President/Geochemist, Research Planning, Inc. Dr. Jacqui Michel is a specialist in hazardous materials spill response and natural resource damage assessment. She will provide an oil spill effects literature synthesis of spills of >20,000 barrels of crude oil, condensate, and diesel. [More info](#)



## ONLINE AND OTHER TRAINING COURSES (CONTINUED)

### CERTIFICATE IN MARITIME SAFETY MANAGEMENT AND THE ISM CODE

Starts 29 September 2021 | 12 weeks | 100% online | Lloyds Maritime Academy | [More info & registration](#)

### TUNISIA: IMO OPRC LEVEL 2 TRAINING COURSE

November 9-11 - The Mediterranean Oil Industry Group (MOIG) and the Adriatic Training and Research Centre for Accidental Marine Pollution Preparedness and Response (ATRAC) are very pleased to invite you to IMO OPRC level 2 training course; which will be held from 09 to 11 November 2021 at Iberostar Averroes Hotel in South Hammamet-Tunisia.

The event will be open on Tuesday; 09 November 2021 at 09:00 am and expected to close on Thursday, 11 November 2021 at 13:15 pm. It will be animated by Mr. Vedran Martinic, ATRAC Director, Ms. Anja Pilepic and Mr. Marko Dordevic; Marine Environment Protection Associates.

The training course will be dedicated to Supervisors and On-Scene Commanders and its overall objective is to prepare them to coordinate and manage the response to an oil spill. The training course therefore aims at informing senior officials, designated to act as Supervisors/On-Scene Commanders during spill response operations, on the responsibilities of the members of an oil spill response organization; and on how to effectively respond to an oil spill through the deployment of equipment and resources at Regional or National levels.

The [Training Programme](#) is available on line for your reference. The working language will be English.

In order to enable MOIG to have all logistic arrangements made on time, it would be appreciated if you could have the online [Registration Form](#) completed and returned by Mail to [houcine.mejri@moig.org.tn](mailto:houcine.mejri@moig.org.tn) or by Fax at: +216 71 888 439 at your earliest convenience; preferably before 21 October 2021.

We would like to bring your kind attention that participants who wish to attend the training course shall be vaccinated against Corona Virus. In addition, MOIG and Iberostar Averroes Hotel will put in place the necessary preventive measures namely the respect of distancing, the wearing of masks and the use of hydro-alcoholic gel in the conference room, in order to ensure the maximum safety of participants. Whilst looking forward to meeting you in this training course, please do not hesitate to contact MOIG secretariat for any further information.

## CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

### INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

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

### OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey, US EPA Tech Direct and USA Federal Contracts Update. European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter. See "Links for other publications" for links to download current issues of these publications.

## SCIENCE & TECHNOLOGY

### INDIA: MRPL INVENTS GELATOR TO REMOVE OIL SPILLS, GETS PATENT

September 10 - The Mangalore Refinery and Petrochemicals Ltd. (MRPL) has invented an oil gelator chemical to remove oil spills from sea as well as earth surface and has obtained patent for the same from the Central government's patent office.

A release from MRPL said the invention comprises new organic gel-forming molecules derived from simple and cheaper chemicals that were synthesised and characterised.

The molecules exhibit good gelation behaviour when they are exposed to oil spillages. Due to this behaviour, they get solidified quickly. These solidified gels could easily be recovered from the surface of the land or water bodies. It is an effective method to mitigate oil pollution from the environment.

Spillage includes any spill of crude oil, gasoline, diesel fuel, jet fuel, kerosene, hydraulic oil, lubricating oil, etc. The clean up action in the event of spillage includes containing the spread of oil spill and recover or remove the floating oil from the water surface. One of the removal methods was to convert the oil film on the water surface into a semi-solid gel and contain the spread. Some mechanical exercise was needed to remove the jellified oil. The Hindu / [Read more](#)

## UPCOMING EVENTS

**Event organisers are requested to notify ISCO immediately if a listed event is cancelled or postponed**

Your Editor is doing his best to keep this listing up-to-date but it should not be assumed that listed events have not been cancelled or postponed. It is recommended that you check with event organisers before finalising your attendance plans.

If an event title is not printed in blue ink it is not hyperlinked to the event website. This may be because the website is not yet available or because the link for the website has not yet been given.

If you want to request the addition of an event please contact the Editor.

For more information click on Title of Event			
COUNTRY	2021	TITLE OF EVENT	LOCATION
USA & VIRTUAL	Sept. 13-15	<a href="#">Clean Waterways Conference &amp; Exhibition</a>	Louisville, KY
UK	Sept. 15-16	<a href="#">ChemUK 2021 Expo</a>	Birmingham
ITALY	Sept. 15-17	<a href="#">Green Symposium</a>	Portici
UK	Sept. 20-21	<a href="#">Emergency Planning Society Conference &amp; AGM</a>	Easingwold
UK	Sept. 22-23	<a href="#">Contamination &amp; Geotech Expo 2021</a>	Birmingham
UK	Sept 29 – Oct 1	<a href="#">Marine Claims Conference</a>	Edinburgh
UK	October 12-14	<a href="#">Ocean Business 2021</a>	Southampton
UK / VIRTUAL	October 13-14	<a href="#">Water, Wastewater and Environmental Monitoring</a>	Online
AUSTRALIA	October 18-21	<a href="#">Ecoforum 2021 Conference</a>	Sydney
GERMANY	October 20	<a href="#">HELCOM Ministerial Meeting</a>	Lübeck
UK / VIRTUAL	Nov. 1-5	<a href="#">Meetings of IOPC Funds' governing bodies.</a>	Online
TUNISIA	Nov. 9-11	<a href="#">IMO OPRC Level 2 training course</a>	South Hammamet
USA	Nov. 16-18	<a href="#">Clean Gulf Conference &amp; Exhibition</a>	San Antonio, TX
VIRTUAL EVENT	Nov. 17-18	<a href="#">Emergency Responders Drone Conference 2021</a>	Online
VIRTUAL EVENT	Nov. 22-26	<a href="#">IMO Marine Environment Protection Committee</a>	Online
SWEDEN/VIRTUAL	Nov. 24-25	<a href="#">National Conference on Oil Damage Protection 2021</a>	Karlskrona
UK	December 1-2	<a href="#">Salvage and Wreck Removal Conference</a>	London
CAMBODIA	December 1-4	<a href="#">East Asian Seas Congress</a>	Sihanoukville
COUNTRY	2022	TITLE OF EVENT	LOCATION
UK	March 15-17	<a href="#">Oceanology International</a>	London
AUSTRALIA	May 16-19	<a href="#">APPEA Conference and Exhibition</a>	Brisbane
USA	June 7-9	Elastec's Spring 2022 Oil Spill Workshop	Carmi, IL
NETHERLANDS	June 21-23	<a href="#">Interspill Conference and Exhibition</a>	Amsterdam
USA	October 4-6	Elastec's Fall 2022 Oil Spill Workshop	Carmi IL
BAHRAIN	October 11-13	<a href="#">International Conference &amp; Exhibition on Spills, Clean Seas &amp; Environment</a>	Bahrein
CROATIA	October 25-27	Regional Workshop – Enhancing Preparedness and Response in the Adriatic & Mediterranean Regions	Opatija

Please advise the Editor if any of the above entries require correction or updating. If you are holding an event you would like to be featured here, please send details to [John.mcmurtrie@spillcontrol.org](mailto:John.mcmurtrie@spillcontrol.org)

## MESSAGES FROM EVENT ORGANISERS

### USA: 2021 CLEAN WATERWAYS CONFERENCE

This year's conference will take place on September 14-15 in Louisville, KY, and offers those involved in spill prevention and response in the inland environment the opportunity to connect with their peers and further develop relationships that will better prepare them for future incidents, discuss new strategies and solutions, and discover the latest technologies advancing the industry. [Check out](#) what's in store for this year's conference, and [make plans](#) to join your peers in Louisville.

Still facing travel restrictions? We have you covered! You can [register](#) to attend the conference virtually. We'll be live-streaming all sessions in the Response Track and all sessions from the conference will be available on-demand at the conclusion of the event. [View the full agenda and speaker list.](#)

### USA: CLEAN GULF - 2021 CONFERENCE

Over the past week, representatives from Port of Houston Authority, Gallagher Marine Systems, United States Environmental Services, U.S. Fish and Wildlife, Hansen Spill Response Research LLC, Gard (North America) Inc., Coastal Response Research Center, ExxonMobil, Chevron and many more registered to attend the [CLEAN GULF Conference & Exhibition](#), taking place November 16-18



## MESSAGES FROM EVENT ORGANISERS (CONTINUED)

in San Antonio, TX. [Join them](#) and many more at this year's event, which offers response professionals a forum to come together with their peers to discuss case studies and lessons-learned from both recent and past incidents and discover the latest technologies advancing the industry. [Register now](#) for the 2021 CLEAN GULF Conference & Exhibition!

### UK: ENERGY INSURANCE LONDON

8<sup>th</sup> October 2021 - The agenda includes a session "Oil Spill & Pollution Mitigation - How does incident management work and what technology is available to enable the validation and containment of costs and managing third party claims in response to environmental and oil spill incidents? An informative session from the people on the ground. [More info](#)

### SWEDEN: NATIONAL OIL SPILL CONFERENCE 2021

The annual National Oil Spill Conference in Sweden will be held in a hybrid version virtually and in Karlskrona in Sweden 24-25 November. The conference will be held in Swedish. [More info](#)

### USA: CLEAN WATERWAYS 2022 NOW ACCEPTING ABSTRACTS

The CLEAN WATERWAYS program is developed by a government/industry-based committee of approximately 45 professionals, and the committee is looking for leaders to help shape the conference and participate as a speaker. All [abstracts submitted](#) are reviewed for content and relevance by the committee and are selected by consensus. **Abstracts will be accepted for consideration until Monday, September 20th.** [Submit your abstract](#)

### EUROPE - CALL FOR PAPERS INTERSPILL 2022

The Interspill Committee announces the preliminary programme together with the Call for Papers for Interspill 2022 and invites authors to submit abstracts for consideration by **30 September 2021.** [More info](#)

## LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

<a href="#">AMSA Update</a>	Latest News from the Australian Maritime Safety Authority	Current issue
<a href="#">ATRAC Newsletter</a>	News from the Adriatic Training and Research Centre	October 2020
<a href="#">BIMCO Bulletin</a>	Marine and shipping-related news from BIMCO	June 2021
<a href="#">Newsletter from George Holliday</a>	News and commentary on HSE issues from George Holliday	Free on request
<a href="#">Cedre Newsletter</a>	News from Cedre in Brittany, France	June 2021
<a href="#">Eco Magazine</a>	Reporting on ocean science, innovation and exploration	Free on request
<a href="#">EMSA Newsletter</a>	News from the European Maritime Safety Agency	September 2021
<a href="#">Environmental Expert</a>	Environmental News from Environmental Expert	Current issue
<a href="#">GDACS Newsletter</a>	Daily alerts for natural disasters – earthquakes, floods, typhoons, etc.	Free on request
<a href="#">GEF Newsletter</a>	Monthly Newsletter from the Global Environment Facility	Jul.–Aug. 2021
<a href="#">GESAMP</a>	Group of Experts on the Scientific Aspects of Marine Environmental Protection	Latest news
<a href="#">GISEA Quarterly Newsletter</a>	News from Global Initiative for South-East Asia	Q1 2021
<a href="#">IMO News Magazine</a>	News from the International Maritime Organization	Summer 2021
<a href="#">IMO Publishing Newsletter</a>	New and forthcoming IMO publications	September 2020
<a href="#">ITOPF Ocean Orbit</a>	News magazine from ITOPF with interesting spill response articles	February 2021
<a href="#">JOIFF Catalyst Newsletter</a>	Int'l Organisation for Industrial Hazard Management	Latest issue
<a href="#">Maritime Executive Magazine</a>	Often contains articles of interest to the spill response community	Current issue
<a href="#">MED News</a>	UNEP / MAP Barcelona Convention News	July 2021
<a href="#">MOIG Newsletter</a>	News from the Mediterranean Oil Industry Group	September 2021
<a href="#">NCEC Newsletter</a>	News from the National Chemical Emergency Centre	May 2021
<a href="#">Navigate Response</a>	Global crisis communications network for shipping & marine	Current issue
<a href="#">NOAA OR&amp;R</a>	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
<a href="#">Oceanbuzz</a>	Newsletter giving news on the Ocean Technology Industry	Current issue
<a href="#">OCIMF Newsletter</a>	News from the Oil Companies International Marine Forum	Current issue
<a href="#">OHMSETT Gazette</a>	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Summer 2021
<a href="#">Oiled Wildlife Log</a>	Bi-annual Newsletter from Tri-State Bird Rescue & Research	May 2021
<a href="#">PEMSEA Newsletter</a>	Healthy oceans, people and economies in the East Asian Seas	Current issue
<a href="#">Pollution Online Newsletter</a>	News for pollution prevention & control professionals	Current issue
<a href="#">Salvage World</a>	Quarterly Newsletter of the International Salvage Union	Current issue
<a href="#">Sea Alarm Foundation Newsletter</a>	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue
<a href="#">Society of Maritime Industries</a>	News from the UK's maritime engineering and business services sector.	April 1, 2021
<a href="#">Spill Alert</a>	Quarterly Newsletter from UK & Ireland Spill Association	July 2021
<a href="#">Technology Innovation News Survey</a>	News from US EPA – Contaminated Site Decontamination	July 16-31, 2021
<a href="#">The Marine Insurer</a>	Includes latest news on pollution insurance matters	June 2021
<a href="#">The Maritime Advocate</a>	Maritime News from Sandra Speares	Current issue
<a href="#">UNEP News</a>	Latest News from United Nations Environmental Programme	Latest News
<a href="#">USA EPA Tech Direct</a>	Remediation of contaminated soil and groundwater	Sept. 1, 2021
<a href="#">USA Federal Contract Opportunities</a>	The authoritative source for federal contract opportunities	Current issue
<a href="#">Water Pollution &amp; Flood News</a>	Monthly round-ups of UK & Worldwide Spill and Flood News	Free on request

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

Your editor depends on regular receipt of updated URL links for listed publications. If these are not received, relevant entries will be discontinued. Publishers are kindly requested to advise the editor [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org) if any links are not up-to-date.

## NEW PUBLICATIONS

### EU MARITIME TRANSPORT: FIRST ENVIRONMENTAL IMPACT REPORT

September 1 - Maritime transport plays and will continue to play an essential role in global and European trade and economy. In recent years, the maritime sector has taken significant measures to alleviate its environmental impacts. Ahead of a projected increase in global shipping volumes, a new report reveals for the first time the full extent of the impact of the EU maritime transport sector on the environment and identifies challenges to achieving sustainability.

With 77 % of European external trade and 35 % of all trade by value between EU Member States moved by sea, maritime transport is a key part of the international supply chain. Despite a drop in shipping activity in 2020 due to the effects of the COVID-19 pandemic, the sector is expected to grow strongly over the coming decades, fuelled by rising demand for primary resources and container shipping.

Against this background, the European Maritime Transport Environment Report, launched today by the European Environment Agency and the European Maritime Safety Agency, marks the first comprehensive health-check of the sector. The report shows that ships produce 13.5 % of all greenhouse gas emissions from transport in the EU, behind emissions from road transport (71 %) and aviation (14.4 %). Sulphur dioxide (SO<sub>2</sub>) emissions from ships calling in European ports amounted to approximately 1.63 million tonnes in 2019, a figure which is expected to fall further over the coming decades due to stricter environmental rules and measures. EMSA / [Read more](#)

### SEPTEMBER 2021 ISSUE OF MOIG NEWSLETTER HAS JUST BEEN PUBLISHED

Issue 042 of the Mediterranean Oil Industry Group newsletter includes –

- Announcement of the IMO OPRC Level 2 Training Course
- Reply to UIA Request for Updating Information on MOIG
- Members Area: Inventory of Oil Spill Response Equipments
- Participation to ETAP Main Expertise Committee Meeting
- Participation in the Commissioning of STIR Oil Spill Response Equipments
- Online Registration to the Webinar on Tiered Preparedness For Wildlife Response in the Mediterranean Region
- Seminar : Common Questions About Dispersants [Newsletter Issue 42.pdf \(medoilgroup.org\)](#)

## INCIDENT REPORTS

### USA: GULF OF MEXICO PIPELINE SPILL

Editor: To chronicle this event the below media reports are in chrono order. Click on the links of the publications to read the reports, some of which include photos and video footage.

Sept 4 - Divers To Locate Source Of Reported Oil Spill in Gulf [gCaptain](#)

Sept 5 - Miles-Long Gulf Oil Spill Investigated by Coast Guard [gCaptain](#)

Sept 8 - After Ida oil spill, divers put containment dome on pipeline [Kansas City Star](#)

### USA: HURRICANE IDA (CONTINUED FROM LAST WEEK)

Sept 5 - Lower Mississippi River Open To All Vessel Traffic [gCaptain](#)

Sept 6 - At least 350 oil and chemical spills reported in Louisiana waters. [The Times Picayune](#)

Sept 6 - Coast Guard Responds To Multiple Oil Spills [gCaptain](#)

Sept 7 - 'This is code red.' Biden visits areas of New York and New Jersey hit hard by Ida. [The New York Times](#)

Sept 7 - Coast Guard Investigating 350 Incident Reports Related to 'Ida' in Southeast Louisiana [gCaptain](#)

Sept 7 - U.S. Coast Guard Works Overtime to Manage Post-Hurricane Cleanup [The Maritime Executive](#)

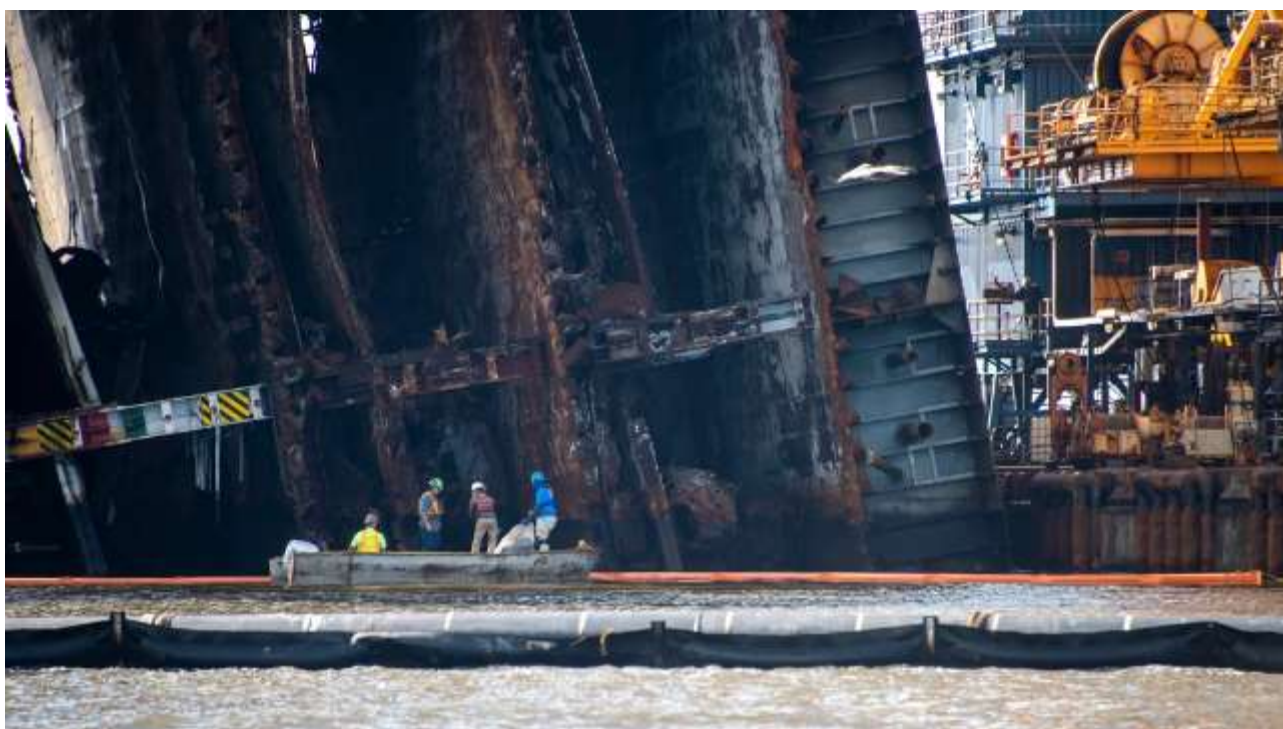
Sept 8 - Reports of Hurricane Ida oil, chemical spills escalate in Louisiana waters [The Times Picayune](#)

Sept 9 - Dozens of Groundings and Sinkings Block Louisiana's Inland Waterways [The Maritime Executive](#)

Sept 10 - Oil-soaked birds found near oil spill at refinery after Ida [Kansas City Star](#)



## USA: SALVORS COMPLETE FINAL CUT OF GOLDEN RAY WRECK REMOVAL PROJECT



Above - Pollution prevention crews tend a boom next to the wreck of the Golden Ray (image courtesy St. Simons Sound Incident Response)

September 5 - On Saturday, salvors completed the very last cut in the long-running Golden Ray wreck removal project. All that remains is to load out the last two segments of the hull and clean up the seabed, and the waters of St. Simons Sound, Georgia will have the same appearance as before the vessel's grounding.

The unified command has not reported any large-scale fuel oil spillage during this cutting evolution, but responders are still on hand in case another release should occur. During a previous cutting and hoisting operation in late July, an extensive bunker fuel spill prompted a public health warning and a large-scale shoreline cleanup effort involving about 80 responders. The Maritime Executive / [Read more](#)

## USA: USCG HUNTS FOR SOURCE OF MYSTERIOUS OIL SPILL IN SAN JUAN HARBOR

September 8 - For the past three weeks, the U.S. Coast Guard has been trying to determine the source of a mysterious oil leak that is contaminating a stretch of the waterfront in San Juan Harbor. The USCG activated the Oil Spill Liability Trust Fund and contracted environmental response specialist Clean Harbors to remove the spill. To date, the responders have collected and removed about 12,000 gallons of oily water with a petroleum content of about 50 percent. Cleanup crews have also installed containment boom across the length of the piers in order to prevent any more oil from spreading inside the harbor.

Sector San Juan said that it has brought in Resolve Marine to try to find the source of the discharge. The salvor has completed its initial survey and presented its first assessment, but the source has not yet been identified. The response crews are now planning an underground survey to find and assess the condition of long-abandoned oil pipelines that were buried in the area in the early or mid-1900s. The Maritime Executive / [Read more](#)

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