



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

UN ESCAP, PLYMOUTH MARINE LAB, PEMSEA SHARE INNOVATIVE APPROACHES TO EVIDENCE-BASED PLASTIC POLLUTION PREVENTION

August 26 - Over 60 percent of global plastic pollution in the marine environment have been attributed to come from South East Asia, where cities are expanding, economies are growing, and urban waste management systems are struggling to keep up. The United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP), is spearheading an initiative towards reducing the environmental impacts in ASEAN cities through "Closing the Loop (CTL)", a project addressing plastic waste pollution and leakage into the marine environment.



Closing the Loop photo gallery: Da Nang City, Vietnam

The CTL Project is supported by the Government of Japan and works with several Japanese organizations such as the Institute for Global Studies (IGES), to realize the Osaka Blue Ocean Vision—which aims to bring marine plastic litter to zero by 2050.

On August 5, 2021, UNESCAP, Plymouth Marine Laboratory (PML), Partnerships in Environmental Management for the Seas of East Asia (PEMSEA), IGES, University of Wageningen (WUR) in the Netherlands, and Viet Nam National University (VNU)

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INTERNATIONAL NEWS (CONTINUED)

launched "Measure! Monitor! Manage! Innovative approaches to evidence-based plastic pollution prevention," an online learning collab that examined the process of tracking plastic pollution in cities and the ocean with real-world applications, live demonstrations and a roundtable session.

The Closing the Loop approach seeks to understand how cities near the ocean can reduce their plastic pollution. It centers around the themes of: measure and monitor through innovative and smart technologies, and with this information manage through policy and investment strategies. In project areas, this is actualized by creating a baseline assessment for measurement; implementing a digital mapping tool to enhance monitoring; and creating city action plans to guide management.

To date, this process has been implemented in four countries: Kuala Lumpur (Malaysia), Da Nang (Viet Nam), Surabaya (Indonesia), and Nakhon Si Thammarat (Thailand). A free eLearning course: Cities and Marine Plastic Pollution: Building a Circular Economy, has also been developed to help build capacity in local governments. PEMSEA / [Read more](#)

MORE INTERNATIONAL NEWS IN BRIEF

THE GLOBAL END OF LEADED PETROL

August 30 - When service stations in Algeria stopped providing leaded petrol in July, the use of leaded petrol ended globally. This development follows an almost two decades long campaign by the UN Environment Programme (UNEP)-led global Partnership for Clean Fuels and Vehicles (PCFV), of which IPIECA is a founding member.

Since 1922, tetraethyllead has been used as a petrol additive to improve engine performance. By the 1970s, almost all petrol produced around the world contained lead. When the UN Environment Programme (UNEP) began its campaign to eliminate lead in petrol in 2002, it was one of the most serious environmental threats to human health.

2021 has marked the end of leaded petrol worldwide. Leaded petrol causes heart disease, stroke and cancer. It also affects the development of the human brain, especially harming children, with studies suggesting it reduced 5-10 IQ points. Banning the use of leaded petrol has been estimated to prevent more than 1.2 million premature deaths per year, increase IQ points among children, save USD 2.44 trillion for the global economy, and decrease crime rates.

'The successful enforcement of the ban on leaded petrol is a huge milestone for global health and our environment,' said Inger Andersen, Executive Director of UNEP.

'Overcoming a century of deaths and illnesses that affected hundreds of millions and degraded the environment worldwide, we are invigorated to change humanity's trajectory for the better through an accelerated transition to clean vehicles and electric mobility.' IPIECA / [Read more](#)

INDONESIA INVITES MALAYSIA, SINGAPORE TO JOIN MARPOLEX

September 1 - Indonesia has invited Malaysia and Singapore to join the regional marine pollution exercise (Marpolex) to test and stimulate responses and preparedness for dealing with transboundary oil spills at sea. "Indonesia is inviting Malaysia, Singapore, and the Malacca Strait Council member in Japan to join Marpolex.

We will feel highly respected if they (Malaysia and Singapore) join the exercise," director of the Marine and Coast Guard Unit of the Sea Transportation Directorate General at the Transportation Ministry, Ahmad, said in a statement here on Tuesday.

The Sea Transportation Directorate General has taken an active part in international maritime events, he said. This time it represented Indonesia at a virtual technical meeting of the Revolving Fund Committee (RFC) involving three littoral states, he added. A joint exercise is the good way to test and equate capability and perception in preparing responses to transboundary oil spills, which will likely happen in the Malacca Strait and Singapore waters, Ahmad said. Antara News / [Read more](#)

CHILE: DIRECTEMAR AND ITS COMMITMENT TO THE ENVIRONMENT

August 30 - Directemar contributes to the development of national policy on the protection of the oceans, maritime spaces, lakes and rivers of jurisdiction, as well as the conservation of its biodiversity and ecosystems, tasks that are part of the international commitments that the Chilean State has signed.

The oceans and their biodiversity are increasingly being affected by the presence of marine litter, plastics and microplastics, according to studies this comes from 80% of terrestrial sources and 20% from activities that take place at sea. In this area, the State has taken important steps in matters of prevention of pollution by marine debris and waste management through public policies and regulations that require coordinated interagency work and strategic alliances for implementation. DIRECTEMAR maintains its efforts in the control of international and national instruments that regulate the management of waste in the maritime transport, fishing and aquaculture sector: in turn, it contributes to the initiatives of the Ministry of the Environment in the elaboration of the National Strategy for the Management of Marine Waste and Microplastics 2021-2030, recently approved by the Council of Ministers for Sustainability.

In matters of environmental awareness, DIRECTEMAR has led since 2008 the activity of the International Beach Cleaning Day, which takes place annually in more than 100 beaches throughout the national territory and has summoned thousands of volunteers in this important cause. Chilean Navy / [Read more](#)

CHINA: THE PEOPLE'S WATERWAYS

August 31 - Public participation in the management of China's waterways improves their water quality.

An estimated 70% of China's rivers and lakes are too polluted for human use, the result of decades of intensifying economic development that have increased the amount of pollution that winds up in the water. Fixing China's water pollution problems is an uphill battle, but citizen monitoring of remediation efforts could lead to consistent improvements in water quality, according to researchers at UC Santa Barbara and Nanjing University. UC Santa Barbara / [Read more](#)

EGYPT: NATIONAL TRAINING WORKSHOP ON PREPARATION OF ENVIRONMENTAL SENSITIVITY MAPS AND DATA COLLECTION TECHNIQUES



August 17 - As part of its efforts to raise regional capacities, and in full cooperation and coordination with the Environmental Affairs Agency of the Arab Republic of Egypt (EEAA), PERSGA has conducted a national training workshop on preparing environmental sensitivity maps and the methods of collecting data from the field.

The workshop, which lasted for three days, was held from August 15 to 17, 2021 at the Marine Emergencies Mutual Aid Center (EMARSGA), about twenty national trainees attended the training workshop representing various branches of the Environmental Affairs Agency and the marine protected areas sector in Egypt. The training in the workshop was conducted by one of the PERSGA's experts and included field training on how to collect data from the marine environment, and on how to use the (ESI) Environmental Sensitivity Index and apply it on maps. PERSGA / [Read more](#)

IRELAND: COAST GUARD LAUNCHES NEW PORTAL TO SUPPORT PLANNING FOR OIL SPILLS

September 2 - The Irish Coast Guard has launched the new 'Oil/HNS Contingency Plan Approval Portal' which will support contingency planning for oil spills. This marks a further milestone in the implementation of the National Maritime Oil/HNS Spill Contingency Plan 2020 and will improve the national regime of preparedness and response to pollution incidents.

In line with the Government's Digital Agenda the new system will streamline the interaction between Ports, Local Authorities and Offshore Operators with the Coast Guard and Department in relation to oil spill contingency planning, reducing administrative burden and ensuring that their plans are reviewed and approved in a tight timeframe.

Eugene Clonan, Director of the Irish Coast Guard said: "The Irish Coast Guard is responsible for developing an effective plan for incidents of pollution by oil and HNS. The portal will play an important role in streamlining our preparation for incidents and supporting our response to them. It will allow information to be readily available to stakeholders and enable further coordination between the Irish Coast Guard, Government and non-Government entities." Capt. Hugh Conlon, Service User at Shannon Foynes Port said in relation to the launch of the site: "During testing the Portal was interactive and easy to navigate. Dept of Transport / [Read more](#)

KUWAIT: SETTING NEW STANDARDS IN EMERGENCY-RESPONSE VESSEL DESIGN



Photo: KOC Al Zour tests its fire-fighting system (source: RAL)

August 30 - A newbuild emergency response and oil spill recovery vessel has set a new bar in terms of design and capabilities in this growth sector.

Kuwait Oil Co's KOC Al Zour is a multipurpose vessel for ship assistance, emergency towage, pollution control and offshore support. This 1,865-gt vessel was built by Uzmar's Shipyard in Kocaeli, Turkey to Canadian naval architect Robert Allan Ltd's (RAL) design and Lloyd's Register class rules. In Kuwait, it is employed for search and rescue, oil spill containment and ship towage. Its secondary duties include offshore fire-fighting, logistics supply duties, surveillance, rig towing and general offshore support services. Riviera / [Read more](#)

NIGERIA CONTINUES TO LOSE MULTIMILLION-NAIRA TO LAGOS, OTHER STATES' PIPELINE VANDALS

August 30 - Chiemelie Ezeobi reports that the recent unearthing of a pipeline vandalism syndicate by the Western Naval Command at Baruwa in Alimosho, Lagos, again brings to the fore the need to tackle this economic sabotage headlong

Countlessly, pipelines belonging to the Nigerian National Petroleum Corporation (NNPC) have been breached, with the nation suffering losses of petroleum products running into billions of naira. The NNPC facility is a strategic national infrastructure for refined petroleum products to be distributed across the county, so sabotage of any nature spells grave danger to Nigeria's economy.

In 2000 alone, about 300,000 barrels of crude oil were stolen per day. This Day / [Read more](#)



SEYCHELLES: PROTECTING THE PARADISE OF PRASLIN ISLAND



August 20 - For many locals and tourists, Praslin Island in Seychelles is synonymous with paradise. From the white sands of Anse Lazio, frequently voted as one of the top beaches in the world, to the endemic species of the jungle, to the colorful coral reefs in Curieuse Marine Park, Praslin is filled with both beauty and biodiversity. But, as events at one site on the northwest side of the island demonstrate, this paradise is precarious.

The Plaine Hollandaise-Pasquière wetlands, which cover a combined 7 hectares, have been steadily degrading due to human activities. "Thirty to forty years ago, forest fires burned the area, which caused degradation in the

mountains," explains Elvina Henriette of the Terrestrial Restoration Action Society of Seychelles (TRASS). "This degradation then causes soil to flow down into the wetlands." A project by TRASS, supported by the United Nations Environment Programme (UNEP), aims to rehabilitate the wetland, starting with restoring the degraded foothills with anti-erosion measures. GEF / [Read more](#)

UK: TOXIC RUN-OFF FROM CITIES, OIL SPILLS AND FLY-TIPPING: THE STATE OF ENGLAND'S RIVERS



Photo: A person crosses from England to Wales over Bigsweir Bridge, which spans the River Wye Matthew Horwood/Getty Images

August 6 - In July, a record £90m fine was given to Southern Water – following the largest criminal investigation in the Environment Agency's 25-year history. The water company had pleaded guilty to 51 pollution offences, and to spilling 16-21 billion litres of untreated sewage into the coastal waters and waterways of Kent, Sussex and Hampshire between 2010 and 2015.

But the state of Britain's rivers, and particularly of England's rivers, has been a matter of concern for years. The River Wye,

on the border of England and Wales, has seen rising levels of algal blooms and declining levels of fish life; its once-clear gravel bottom is now, in many places, coated in green slime.

Campaigners say the River Windrush in Oxfordshire is "literally dying" because of pollution. On the River Wharfe, Yorkshire Water has been routinely discharging human waste upstream of a popular bathing spot. There are also fears that England's chalk streams, one of the world's rarest habitats, could be irreparably damaged. The Week / [Read more](#)

UK: RESPONDING TO SPILLS OF BIOFUELS

August 31 – ISCO Member Dr Jon Burton will deliver keynote speech at Contamination Expo - Biofuels are part of our journey to net-zero and their use is increasing. However, they are not hydrocarbons whose behaviour when spilt is well understood. Biofuels mix readily with water, they behave differently in separators and some but not all degrade more quickly in soil.

Based on extensive research this session discusses how to respond to a spill of biofuels, their long term effects on soils and sorts fact from fiction!

Join the UK and Ireland Spill Association at Contamination Expo, NEC Birmingham 22-23 Sept 2021. More details and register via: <https://www.contaminationexpo.com/contamination-geotech-expo-2021-programme/spill-response-to-biofuel>

UK: CONSULTATION OUTCOME - IMPLEMENTATION OF THE INTERNATIONAL CODE FOR SHIPS OPERATING IN POLAR WATERS (POLAR CODE)

September 1 – Updated Report from Maritime & Coastguard Agency - This consultation sought the views of industry on the implementation of the safety related requirements in the Merchant Shipping (Polar Code) (Safety) Regulations 2021. Maritime & Coastguard Agency / [Read more](#)

USA: REPORT URGES 'SWIFT CLEANUP' OF PFAS IN DULUTH, OTHER GREAT LAKES SITES

Photo: In this June 7, 2018, photo, PFAS, or perfluoroalkyl and polyfluoroalkyl substances, foam gathers at the the Van Etten Creek dam in Oscoda Township, Mich., near Wurtsmith Air Force Base. JAKE MAY, FLINT JOURNAL VIA AP

August 31 - A national environmental group is urging "swift PFAS cleanup" at six Great Lakes military installations contaminated by the toxic chemicals, including the Duluth Air National Guard base where the chemicals were used in firefighting foam.

"The potential threat to Great Lakes wildlife from PFAS contamination at [Department of Defense] sites is a local example of a national problem," the national Environmental Working Group said in a report released Tuesday. Star Tribune / [Read more](#)



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

ISCO'S WEBSITE CAN NOW BE ACCESSED IN TEN DIFFERENT LANGUAGES

As an experiment Mike Watson, Member of ISCO Secretariat and ISCO's IT Manager, has installed a new drop-down menu at www.spillcontrol.org that enables visitors to read the website content in different languages – English, Arabic, Chinese, Dutch, French German, Italian, Portuguese, Russian and Spanish – and more languages can be provided on request.

Whether this new facility will be made permanent will depend on feedback from website visitors but we hope it will be well received.

For the first time people visiting the website will be able to learn about ISCO's aims, activities, directory of suppliers and services, and much more in their own languages. It is hoped that this new facility will enable many more people to find out about ISCO and how it can be of help to them – in turn, this can lead to an increase in our membership and help the organisation to grow the support it provides for individuals and companies with an interest in pollution control and helping to save our biodiversity.

ISCO HAS ESTABLISHED A NEW FACEBOOK GROUP

This can be accessed at <https://www.facebook.com/groups/388528312842431>.

The new group on Facebook adds to our social media outreach and provides another way that ISCO can interact with its members and members of the public with an interest in ISCO's international activities, including worldwide preparedness and co-operation in response to oil and chemical spills, reducing plastic pollution of the oceans and other measures to help protect our environment.

The new Facebook Group complements ISCO's Discussion Group on Linked-in at <https://www.linkedin.com/groups/4016064/> and our weekly newsletter at <https://spillcontrol.org/newsletters/>

JOHN WARDROP HAS BEEN CO-OPTED AS A NEW MEMBER OF THE ISCO SECRETARIAT



John Wardrop, Member of ISCO Council for Australia, has been co-opted as an additional member of the ISCO Secretariat with immediate effect. The appointment is expected to be ratified at the 2021 ISCO AGM

John Wardrop (Seer Associates) is specialised in oil spill response, training, impact assessment and rehabilitation. He has been a member of ISCO since 2008. Experience includes acting as consultant to government and industry for over 25 years, emergency and oil spill response planning and training, environmental management, development and implementation of HSE management systems. He has work experience in Australia, PR CHINA, India, Indonesia, Japan, Korea, Malaysia, Philippines, Russia, UK, PR Vietnam, PNG and USA. [See Associates](#)

The ISCO Secretariat is the core management team of the organization and includes the President, the Secretary-General, the VP (Membership) the VP (Newsletter) and Legal Counsel. From time to time other Members of ISCO may be co-opted as additional members of the Secretariat.

Members of the ISCO Secretariat are David Usher (President), Neil Marson (Secretary General), John McMurtrie (VP and Editor of the ISCO Newsletter), Mary Ann Dagleish (VP Membership), Matthew Sommerville (SG Emeritus), Marc K. Shaye (Legal Counsel), Captain Bill Boyle, Mike Watson (IT Manager) and John Wardrop (Member of ISCO Council for Australia)

NEWS FROM ISCO MEMBERS

Corporate Members of ISCO can benefit from submitting news about new products and services in the "News from ISCO Members" section of the ISCO Newsletter.

This is a free facility for Members. Given that the ISCO Newsletter has a large and highly targeted readership in over 50 countries, it's a cost-effective way to promote your company.

If you have some news you would like to share with readers of the ISCO Newsletter, send it to John.McMurtrie@spillcontrol.org

OIL SPILL IN SYRIA: HOW IS IT MOVING. READ THE BULLETIN AND WATCH THE VIDEO

CMCC, ORBITALEOS and ORION are collaborating to support REMPEC, the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea, for the detection, simulation and prediction of the movement of the Oil Spill. [See more](#)

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

Mary Ann Dagleish, VP (Membership) writes “This week ISCO welcomes Lawrence Daniel as a new Student Member. Lawrence lives in Uyo, Akwa Ibom, Nigeria, and works with Shell Petroleum Development Company. He can be contacted at larryeffiondaniel@gmail.com

Please note that Kayode Peter Balogun has been named head of the student group. He can be reached at balogunkayodepeter@yahoo.com, I can be reached at 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”.

LETTER RECEIVED FROM XUDONG YE IN CANADA



Mary Ann Dagleish (VP Membership) has received the following from Xudong Ye (English name – Derek), who stays at 46 Larkhall Street, St. John's, NL, Canada.

School: Memorial University of Newfoundland. Field of Study: PhD Candidate, in Civil Engineering (Environmental Engineering).

“My research mainly focuses on the development of improved/novel decision supporting modeling approaches for marine oil spill response, with the integrations of dynamic simulation modeling, system optimization control, contingency planning, improved evolutionary optimization algorithms (e.g., developed particle swarm optimization), probabilities modelings (e.g., bayesian networks), artificial intelligence modelings (e.g., agent-based modeling, deep learning, neural network) and human factor/error analysis.

- (1) It would be great to receive valuable suggestions about research and work from experts.
- (2) News about job hiring.

I can help do some paperwork, review manuscripts, do as a helper in some modeling works, experimental works, or pilot-scale works (I have about one year of experience on pilot-scale tests at industries)”.

Xudong Ye (Derek) can be contacted at xy0616@mun.ca.

ISCO Members and other readers of the ISCO newsletter who feel they can assist Derek or accept his offer of help should get in touch with him directly.

CONTRIBUTED ARTICLE

USA: HOW NOAA SUPPORTS OIL SPILL EXERCISES AND TRAINING THROUGHOUT EACH YEAR

An article by Brad Benggio, Office of Response and Restoration

NOAA’s Office of Response and Restoration supports exercises throughout the country each year. Many of these exercises are in coordination with or hosted by the U.S. Coast Guard and industry partners to meet preparedness and readiness requirements. These include Coast Guard PREP exercises for oil spill response, industry led exercises, chemical releases, hurricane responses, weapons of mass destruction, biochemical and terrorist scenarios and even international exercises.

Our latest support was part of a National Response Team initiative with Panama called Eco Canal to provide coordinated support to the Panama Canal Authority for incidents.

Typically, OR&R’s Emergency Response Division supports 25 to 40 exercises each year with full exercise products, including spill trajectories, overflight maps, chemical data, modeling and analyses, resources at risk, weather tides and currents, shoreline oiling maps, common operating picture information management and geographical displays with the [Environmental Response Management Application \(ERMA\)](#), and a host of other scenario-specific customized products. Additional exercises are usually supported at varying levels for industry-required drills or other response partner initiatives.





Just as in real incidents and responses, OR&R supports exercises by deploying one or more scientific support coordinators, with other specialized scientific support team members depending on the scenario and exercise objectives.

Scientific support team members include oceanographers, biologists, data processors and managers, weather forecasters, natural resource damage assessment coordinators, and health and safety officers to name a few. At times the scientific support coordinator may work with experts outside of OR&R, either through other NOAA line offices, academia, or other state or federal organizations and industry to assemble the scientific and technical expertise to address the response or exercise needs.

Throughout the year, and especially prior to major exercises, OR&R will conduct training to prepare Coast Guard and other response partners.

Training courses routinely offered include ERMA familiarization, [Science of Oil Spills](#), [Shoreline Cleanup Assessment Techniques](#), overflight observation, and [Science of Chemical Releases](#). Additionally, OR&R routinely supports training for Federal On Scene Coordinator representative training, specific and specialized training for area committees and regional response teams around the country and a variety of funded workshops, summits, and training events to address specific response or planning initiatives. In the past these have included seafood safety, hurricane preparation and response, training for federally mandated consultations related to the Endangered species Act, Essential Fish Habitat, National Historic Preservation Act, and tribal interests.

There never seems to be enough time for all the response support, exercises, and training we would like to do to support the response community and help improve everyone's readiness and skills, but we sure stay busy trying to meet the needs and demands of keeping our nation's response community on the cutting edge of being prepared, capable, effective, and efficient when it comes to disasters involving oil and chemical spills that affect our waterways and the resources that rely on them.

For more information about training opportunities, upcoming or past exercises, or other response guides, tools, and information, [visit our website](#).



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UPCOMING WEBINARS

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

Tuesday 7th September, 10:00 AM (BST) Phase 3 – Arrival at the incident, free webinar

Phase 3 considers the immediate steps that should be taken upon arrival at a hazmat incident. This starts with an initial dynamic risk assessment and communication with the on-site response team, and the responsible person, owner or occupier. During this webinar, our panel will look at the different ways of doing a full assessment of the incident scene and the importance of performing life-saving activities such as a snatch rescue. [More info](#)

EXXONMOBIL OIL SPILL RESPONSE KNOWLEDGE TRANSFER WEBINAR 2.

Tuesday 7th September 2021, 9 – 10 am Central. For complex oil spills: Non-regulatory barriers to success.

Scientific support for response decision making including history of the NOAA SSC; risk communications and why “messages” are insufficient; possible human effects from complex oil spills (especially if fisheries and tourism areas are closed); leveraging collaborations with academics, and community leaders, among others. Presented by Ann Hayward Walker.

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 continues every first Tuesday of the following

UPCOMING WEBINARS (CONTINUED)

months. We intend to continue the webinars indefinitely depending on response and our ability to schedule appropriate speakers. We are looking forward to an online discussion! To receive the link and other joining info, please send an email to Lin Zhao at : 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 me to get on the distribution list

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.basicconcepts.com/upcoming-events/>

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 Group (MOIG) are very pleased to invite you to the webinar on Tiered Preparedness **Connecting the dots** for Wildlife Response in the 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

ONLINE AND OTHER TRAINING COURSES

SOME USEFUL LINKS

- AUSTRALIA – AMOSC - <https://amosc.com.au/training/>
- AUSTRALIA & NEW ZEALAND – ALGA - <https://landandgroundwater.com/event/pfas-101>
- 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

PORTUGAL: INCIDENT COMMAND SYSTEM TRAINING COURSE

Join us in Portugal from September 8th to 10th, 2021, to learn how to manage an expanding incident using the Incident Command System and also get to network with our speakers, Richard Sims and Maria Mayrinck, and other stakeholders. Register here:

<https://lnkd.in/d9a4CEW> #incidentmanagementsystem #Portugal #discountoffer #Portugal

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]

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](#)

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.

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	September 8	Marine Mammal Management in Oil Spill Response	Online
UK / VIRTUAL	Sept. 8-9	Scottish Resources Conference 2021	Online
NETHERLANDS	Sept. 9-10	Envirotech for Shipping Forum	Rotterdam
USA & VIRTUAL	Sept. 13-15	Clean Waterways Conference & Exhibition	Louisville, KY
UK	Sept. 15-16	ChemUK 2021 Expo	Birmingham
UK	Sept. 20-21	Emergency Planning Society Conference & AGM	Easingwold
UK	Sept. 22-23	Contamination & Geotech Expo 2021	Birmingham
UK	Sept 29 – Oct 1	Marine Claims Conference	Edinburgh
USA	CANCELLED	Elastec's fall 2021 oil spill workshop	Carmi, IL
UK	October 12-14	Ocean Business 2021	Southampton
UK / VIRTUAL	October 13-14	Water, Wastewater and Environmental Monitoring	Online
AUSTRALIA	October 18-21	Ecoforum 2021 Conference	Sydney
GERMANY	October 20	HELCOM Ministerial Meeting	Lübeck
UK / VIRTUAL	Nov. 1-5	Meetings of IOPC Funds' governing bodies.	Online
USA	Nov. 16-18	Clean Gulf Conference & Exhibition	San Antonio, TX
VIRTUAL EVENT	Nov. 17-18	Emergency Responders Drone Conference 2021	Online
VIRTUAL EVENT	Nov. 22-26	IMO Marine Environment Protection Committee	Online
SWEDEN/VIRTUAL	Nov. 24-25	National Conference on Oil Damage Protection 2021	Karlskrona
UK	December 1-2	Salvage and Wreck Removal Conference	London
CAMBODIA	December 1-4	East Asian Seas Congress	Sihanoukville
COUNTRY	2022	TITLE OF EVENT	LOCATION
UK	March 15-17	Oceanology International	London
AUSTRALIA	May 16-19	APPEA Conference and Exhibition	Brisbane
USA	June 7-9	Elastec's Spring 2022 Oil Spill Workshop	Carmi, IL
NETHERLANDS	June 21-23	Interspill Conference and Exhibition	Amsterdam
USA	October 4-6	Elastec's Fall 2022 Oil Spill Workshop	Carmi IL
BAHRAIN	October 11-13	International Conference & Exhibition on Spills, Clean Seas & Environment	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

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 next month! 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.](#) [Register for Clean Waterways](#)

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 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

8th 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](#)

BAHREIN: NEW DATES ANNOUNCED FOR RECSO ENVIROSPILL 2022

RECSO has decided to reschedule the 2nd Edition of RECSO EnviroSpill on 11 - 13 October 2022 at the Gulf Convention Centre, Kingdom of Bahrain. [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

AMSA Update	Latest News from the Australian Maritime Safety Authority	Current issue
ATRAC Newsletter	News from the Adriatic Training and Research Centre	October 2020
BIMCO Bulletin	Marine and shipping-related news from BIMCO	June 2021
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	Free on request
Cedre Newsletter	News from Cedre in Brittany, France	June 2021
Eco Magazine	Reporting on ocean science, innovation and exploration	Free on request
EMSA Newsletter	News from the European Maritime Safety Agency	August 2021
Environmental Expert	Environmental News from Environmental Expert	Current issue
GDACS Newsletter	Daily alerts for natural disasters – earthquakes, floods, typhoons, etc.	Free on request
GEF Newsletter	Monthly Newsletter from the Global Environment Facility	Jul.–Aug. 2021
GESAMP	Group of Experts on the Scientific Aspects of Marine Environmental Protection	Latest news
GISEA Quarterly Newsletter	News from Global Initiative for South-East Asia	Q1 2021
IMO News Magazine	News from the International Maritime Organization	Summer 2021
IMO Publishing Newsletter	New and forthcoming IMO publications	September 2020

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS (CONTINUED)

ITOPF Ocean Orbit	News magazine from ITOPF with interesting spill response articles	February 2021
JOIFF Catalyst Newsletter	Int'l Organisation for Industrial Hazard Management	Latest issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	Current issue
MED News	UNEP / MAP Barcelona Convention News	July 2021
MOIG Newsletter	News from the Mediterranean Oil Industry Group	July 2021
NCEC Newsletter	News from the National Chemical Emergency Centre	May 2021
Navigate Response	Global crisis communications network for shipping & marine	Current issue
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
Oceanbuzz	Newsletter giving news on the Ocean Technology Industry	Current issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	Current issue
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Summer 2021
Oiled Wildlife Log	Bi-annual Newsletter from Tri-State Bird Rescue & Research	May 2021
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	Current issue
Pollution Online Newsletter	News for pollution prevention & control professionals	Current issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue
Society of Maritime Industries	News from the UK's maritime engineering and business services sector.	April 1, 2021
Spill Alert	Quarterly Newsletter from UK & Ireland Spill Association	July 2021
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	July 1-15, 2021
The Marine Insurer	Includes latest news on pollution insurance matters	June 2021
The Maritime Advocate	Maritime News from Sandra Speares	Current issue
UNEP News	Latest News from United Nations Environmental Programme	Latest News
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	Sept. 1, 2021
USA Federal Contract Opportunities	The authoritative source for federal contract opportunities	Current issue
Water Pollution & Flood News	Monthly round-ups of UK & Worldwide Spill and Flood News	Free on request

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 if any links are not up-to-date.

NEW PUBLICATIONS

USA: OSHA AND NIOSH REVISE WORKPLACE SAFETY HANDBOOK

September 6 - The Occupational Safety and Health Administration (OSHA) teamed up with the National Institute for Occupational Safety and Health (NIOSH) to revise a workplace safety handbook for small business employers.

The Small Business Safety and Health Handbook details how to implement an effective safety and health program, including self-inspection checklists for employers to identify workplace hazards and review safety and health resources for small businesses.

EHS Now / [Read more](#)

EARTH OBSERVATION SERVICES INFOSHEET - SUPPORTING RESCUE COORDINATION CENTRES

August 16 - EMSA's Earth Observation (EO) services can assist Maritime and Joint Rescue Coordination Centre's (RCC) in a wide range of activities at sea, including support to search and rescue operations and exercises. EO information, combined with EMSA's maritime data and external sources, can provide you with a better understanding and improved monitoring of activities at sea.

EMSA / [More info](#)

THE BIODIVERSITY ACTION GUIDE

September 2 - The Nature Conservancy's (TNC) Biodiversity Action Guide presents concrete examples of how nations can realize their ambitious commitments under the CBD, the UN Sustainable Development Goals and other global agreements. As the case studies, tools and resources in our guide illustrate, it is possible to replace destructive practices with nature-positive solutions across sectors worldwide right now—and the sooner we start, the more we can save. The Nature Conservancy / [Read more](#)

INTERESTING NEW PRODUCT



The all-in-one device for robust and maintenance-free measurements in applications where durability and precision in different climatic conditions are required.

The new sensor technology can measure up to 7 parameters: Wind Speed, Wind Direction, Temperature, Relative Humidity, Barometric Pressure, Rainfall and Solar Radiation [More info](#)

MALDIVES REFLOATS GROUNDED BULKER, DEMANDS DEPOSIT OF \$6.5M FOR DAMAGE

August 30 - Salvage teams working in the Maldives were able to refloat a Navios Maritime Holdings' bulker that went aground 10 days ago.

The vessel, however, remains at anchor while it is being inspected and the Maldives is detaining the Panama-flagged vessel demanding compensation from the owners for damages caused to the reef. The Maritime Executive / [Read more](#)

ISRAEL LAUNCHES PROBE INTO OIL SPILL AFTER PIPELINE OPERATOR DOWNPLAYED RISKS

August 30 - Environmental Protection Ministry says some 800 metric tons of contaminated land cleared up following leakage; risk survey recently ordered by company concluded threat of environmental damage 'negligible'.

The Environmental Protection Ministry said Monday that it was investigating a large oil spill from the Trans-Israel pipeline near the southern city of Ashkelon, as clear-up efforts began. YNet News / [Read more](#)

USA: CALIFORNIA - TRAIN DERAILS IN NORTHERN CALIFORNIA NEAR SITE OF CHEMICAL SPILL DISASTER 30 YEARS AGO



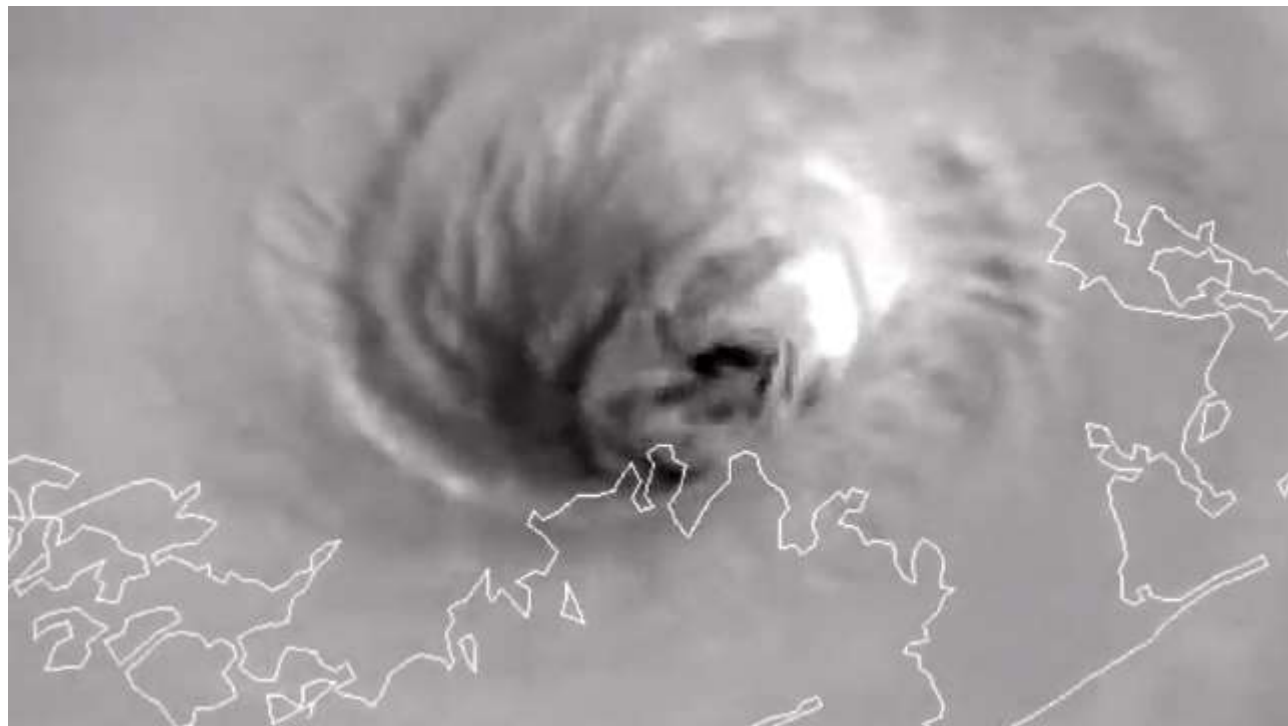
This July 15, 1991, Sacramento Bee photo shows an aerial view of the Southern Pacific tracks near Dunsmuir, CA, where a derailment toppled cars transporting a highly toxic chemical into the Sacramento River. The chemical, a weed killer, destroyed all vegetation and life forms downstream as far as Shasta Reservoir.

On Friday, a train derailed near the site but there was no chemical spill. JAY MATHER SACRAMENTO BEE FILE

August 30 - Eighteen rail cars ran off the tracks Friday afternoon near the site of a railroad chemical spill 30 years ago that killed off miles of a pristine Northern California river in what became one of the worst ecological disasters in state history.

This time, none of the north-bound train cars that derailed in Siskiyou County spilled any chemicals, said Susan Stevens, a spokeswoman for the Union Pacific railroad.

No one was hurt, Stevens said, and the cause of the derailment remains under investigation. The Sacramento Bee / [Read more](#)
Related report in [Trains.com](#)

USA: HURRICANE IDA

Eye Hurricane Ida as the storm makes landfall (NOAA)

Editor: To chronicle the event, we are printing media reports in chrono order. Click on the names of the publications to read the reports, many of which include excellent photographs and video footage.

- Aug 28** - Almost 600 Louisiana sites with toxic chemicals lie in Hurricane Ida's path. [The Times Picayune](#)
- Aug 29** - Hurricane Ida Makes Landfall in Louisiana, Disrupting Shipping. [The Maritime Executive](#)
- Aug 29** - Ida's Aftermath Raises Environmental Fears in 'Cancer Alley'. [Bloomberg Green](#)
- Aug 31** - Port Fourchon, Hit Hard by Hurricane Ida, May be Closed for Weeks. [The Maritime Executive](#)
- Sept 1** - Lack of Power Hinders Assessment of Toxic Pollution Caused by Ida. [The New York Times](#)
- Sept 1** - U.S. Coast Guard Is Assessing Wreckage From Hurricane Ida. [gCaptain](#)
- Sept 2** - Photos show black slick in water near Gulf oil rig after Ida [Kansas City Star](#)
- Sept 2** - Flooding From Ida Kills Dozens of People in Four States. [The New York Times](#)
- Sept 2** - Lower Mississippi Reopens to Traffic as Hurricane Recovery Begins. [The Maritime Executive](#)
- Sept 2** - Feds responding to reports of oil and chemical spills in Gulf of Mexico after Hurricane Ida. [CBS News](#)
- Sept 3** - Crew From 177 Production Platforms, 6 Rigs And 4 DP Rigs In the Gulf of Mexico Have Been Evacuated [gCaptain](#)
- Sept 3** - Ida Leaves Toxic Chemicals, Oil Spills, And Sewage Swirling In Her Wake. [gCaptain](#)
- Sept 4** - Satellite Images Find 'Substantial' Oil Spill in Gulf After Ida. [New York Times](#)
- Sept 5** - Cleanup boats on scene of large Gulf oil spill following Ida. [Kansas City Star](#)

GREECE: AGEING FREIGHTER GROUNDS AND SINKS IN AEGEAN SEA

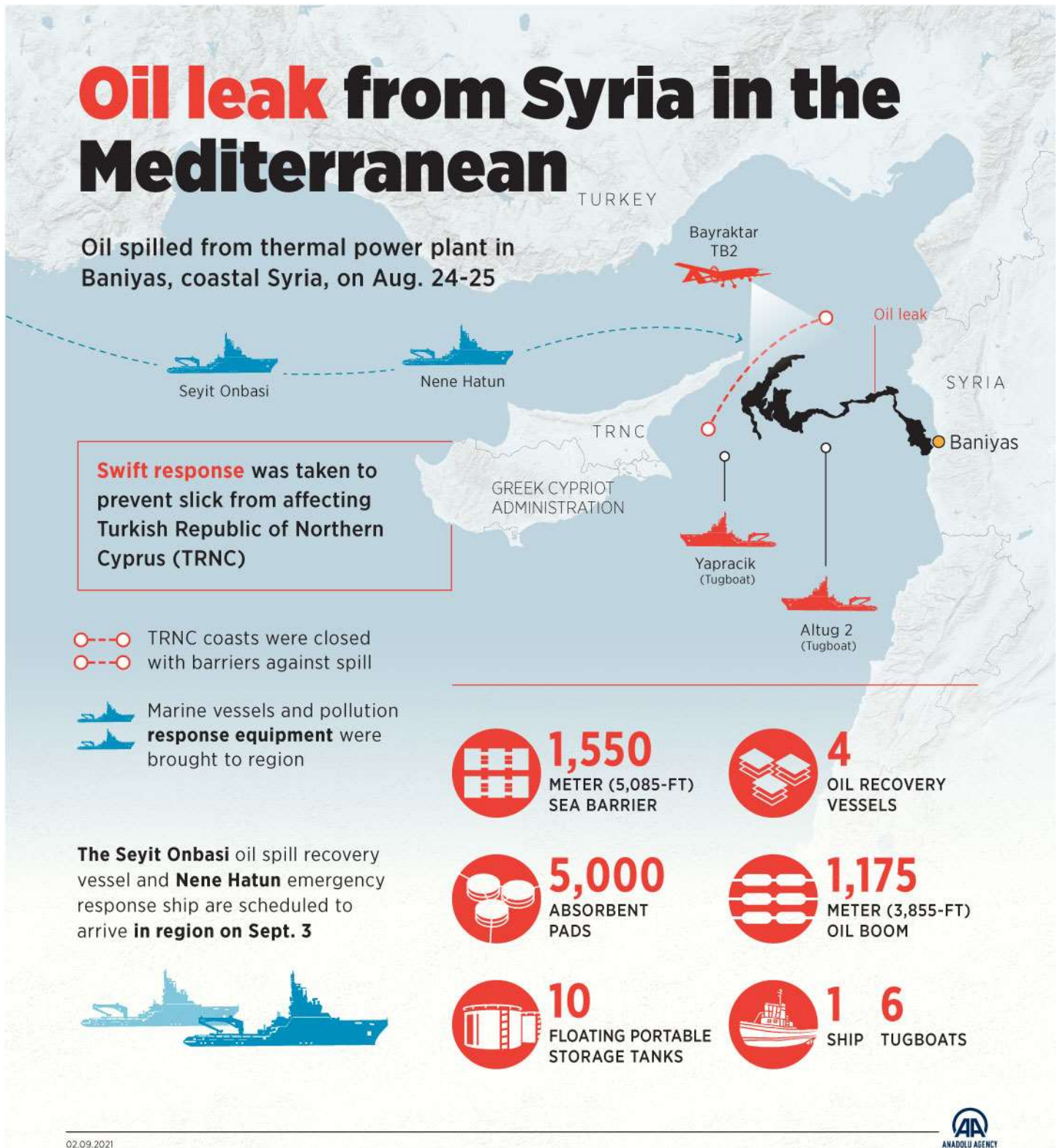
August 30 - On Saturday, the freighter Sea Bird ran aground and sank just off Karavia, a rocky islet located about 70 nm south of Athens in the Myrtoan Sea. A pollution-control effort is under way, according to Greek media, including regular aerial monitoring and multiple spill response vessels. No information about the extent of any fuel oil pollution was immediately available. [The Maritime Executive](#) / [Read more](#)

August 31 - On Monday, the Greek Ministry of Shipping and Island Policy's environmental department reported signs of pollution from the wreck, including a fuel slick and iridescent spots about 3-5 nm to the south of the vessel's last position. The ministry notified port authorities in localities that might be affected by the oil release, including the local government on the island of Spetses, an affluent vacation-home community north of the wreck site.

The European Maritime Safety Agency has activated the pollution-control vessel Aktea to respond to the casualty. Three additional anti-pollution boats from the Hellenic Coast Guard and three privately-contracted tugs are participating in the cleanup effort, the agency said. The coast guard is carrying out daily overflights to monitor the extent of the spill, and it reported good progress in controlling the slick. [The Maritime Executive](#) / [Read more](#)

SYRIA: OIL SPILL SPREADING ACROSS THE MEDITERRANEAN

Editor: Some initial reports of this incident were somewhat confusing and your editor is grateful to Member of the ISCO Executive Committee, M. Kerem Kemerli, for kindly providing the following –



Media reports are given below –

Aug 31 - Syrian oil spill spreads into Mediterranean, may reach Cyprus. [The Times of Israel](#)

Sept 1 - Karaismailoğlu: We Are Closing The Mediterranean With A Barrier Against Oil Spills [Raily News](#)

Sept 1 - Syrian Oil Spill Threatens Cyprus' Northern Shores [The Maritime Executive](#)

Sept 1 - Oil Spill From Baniyas Power Plant Spreads Into Mediterranean [gCaptain](#)

Sept 2 - Oil Spill From Syria Threatens Cyprus Shores [Greek Reporter](#)

On **Sept 3** REMPEC released a comprehensive report covering the whole period from the initial spill on 23rd August to September 2, including the actions of REMPEC, EMSA, other concerned national and international parties.

The REMPEC Report can be downloaded and read at <https://www.rempec.org/en/news-media/rempec-news/incident-involving-a-fuel-leakage-into-the-mediterranean-sea-from-the-baniyas-thermal-station-syria>

PAKISTAN: FURNACE OIL WORTH RS5-6M SPILLS FROM RAILWAY FREIGHT TRAIN

August 30 - Furnace oil worth Rs5-6 million spilt from a freight train, Geo News reported Sunday, citing Pakistan Railways authorities. As per Pakistan Railways, the joints of the freight train opened near Nawabshah, causing the oil to spill and flow away. The freight train was carrying thousands of litres of oil, railway officials confirmed. The train driver, assistant driver, and staff at the station all tried to stop the flow of oil but they failed. As a result, the train lost all the oil within three hours.

The railway technical team have reached the spot of the oil spill and are currently investigating the cause, the report said. Police officials told the media that security around the area of the oil spill has been tightened and people were being kept away from the site due to the risk of fire. The News / [Read more](#)

JAPAN: BOW SECTION OF CRIMSON POLARIS BROUGHT TO DOCK



Photo: Crimson Polaris bow section was docked to unload fuel and cargo in port (Japan Coast Guard)

August 30 - The salvage plan for the bulker that split in two off the coast of Japan earlier in the month has been revised based on weather and sea conditions. After consulting with local officials, the owners of the Crimson Polaris, Doun Kisen, along with NYK as the charterer, and the salvage team decided to bring the forward section of the vessel into port to shelter it from the weather conditions.

NYK now reports that they will begin pumping the oil from the forward section to remove the heavy fuel by

mid-month. In addition, they plan to offload the remaining cargo. After the grounding NYK reported that there had been a small loss of cargo but the majority of the wood chips remain aboard. The goal is to have the forward section offloaded by the end of September. The oil offloading began today, August 30, with a containment boom also string around the section at the dock.

The stern section was the source of an oil slick that was released from the vessel in the days after the accident. However, the leak appears to have stopped at this time. The Japan Coast Guard continues to monitor the stern while NYK commented that the owners and salvage team continue to investigate the stern to determine a course of action. The Maritime Executive / [Read more](#)

USA: TEXAS - OIL SPILL REPORTED IN PORT ARTHUR

August 31 - Port Arthur Terminal, owned by Pasadena-based USD Group, first reported the leak from a rail car around 7:30 p.m. Monday, though engineer estimates suggest the leak could have started in the early morning hours.

In a report to the Texas Commission on Environmental Quality filed Monday night, the company estimated that the event could have lasted around 44 hours, which allowed oil to leak into a wastewater pond. USD Group reported that “product recovery operations” were still continuing at the time of the report. Beaumont Enterprise / [Read more](#)

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