

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 ON THE EVENTS FEATURED

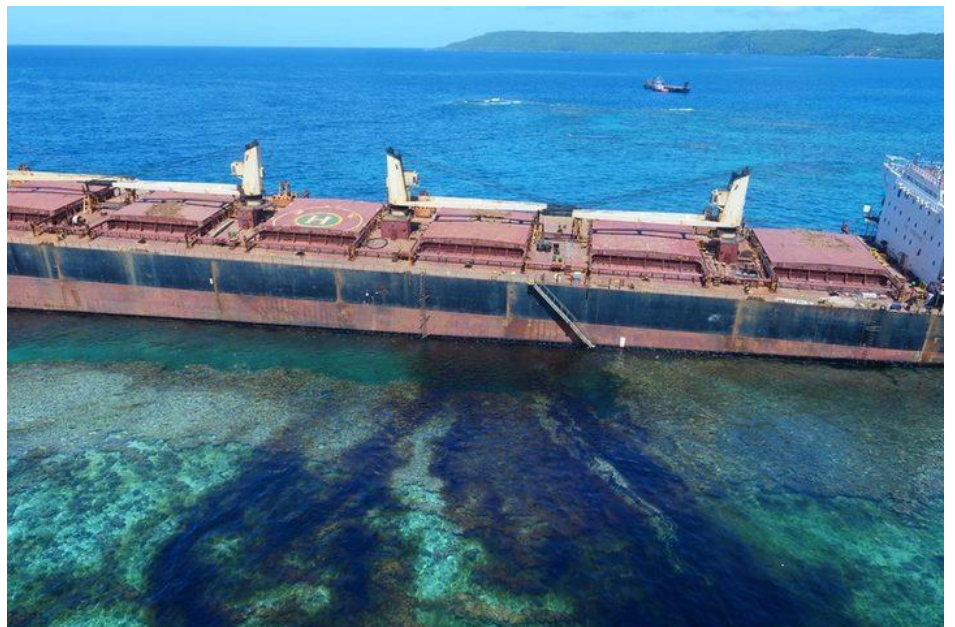
CLEAN WATERWAYS
Improving oil and hazardous materials spill prevention and response on and around inland river systems
April 16-18, 2019 ♦ Cincinnati, OH
Use VIP code ISCO for a \$50 registration discount

SPILLCON
20 – 24 May 2019 Perth, Australia

ADRIASPILLCON 2019
4th Adriatic Conference on spill prevention, preparedness and response
28 – 30 May 2019 Opatija, Croatia

CLEAN PACIFIC
JUNE 18-20, 2019
HYATT REGENCY VANCOUVER, BRITISH COLUMBIA
CLEAN PACIFIC brings together the tight-knit response community in the Western United States and Canada to address spill prevention and response matters pertinent to that region's environmental sensitivities
[LEARN MORE](#)

HEAVY FUEL OIL SPILL POLLUTING UNESCO WORLD HERITAGE SITE



An environmental disaster is unfolding on the Solomons' island of Rennell, with tonnes of oil spilling into an internationally-significant marine reserve.

MEMBERSHIP OF ISCO

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

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

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

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[About Professional Membership](#)

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

TO RECEIVE THE FREE ISCO NEWSLETTER

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

INTERNATIONAL NEWS (CONTINUED)

As reported in last week's ISCO Newsletter, the bulker Solomon Trader, a bauxite carrier has gone aground in the Solomon Islands. On February 5, the vessel grounded on a reef off the western side of Rennell Island, the southernmost island in the Solomons. Rennell is located about 100 nm due south of Guadalcanal, and its eastern half is a protected UNESCO World Heritage Site.

The vessel is said to have about 600 tons of heavy fuel oil on board and as of 1st March various reports estimate that 60 to 100 tons have already been lost. Oil is continuing to leak.

Your Editor is continuing to monitor the developing situation and will add the latest reports in this issue of ISCO News in the Incident Reports section on Pages 12-13.

CLEAN ARCTIC ALLIANCE HAILS PROGRESS ON HEAVY FUEL OIL BAN BUT WARNS ARCTIC NATIONS TO REMAIN FOCUSED

February 25 - As a meeting of the International Maritime Organization's (IMO) Sub-Committee on Pollution Prevention and Response (PPR 6) closes today in London, the Clean Arctic Alliance welcomed progress but calls on Arctic Nations Russia and Canada to step-up to their responsibilities by adding their support for a ban on heavy fuel oil (HFO) from use by Arctic shipping, and for Finland, Sweden, Norway, Denmark, Iceland and the United States, who already support the ban, to remain focussed on ensuring it is adopted in 2021, and phased in by 2023.

"Earlier this week, the IMO Secretary General stressed the urgency of the International Maritime Organization taking robust action to reduce the risks to the Arctic marine environment from the use and carriage of heavy fuel oil as fuel by shipping", said Dr.

Sian Prior, Lead Advisor to the Clean Arctic Alliance [1]. "With the countdown to a ban on HFO use and carriage as fuel by Arctic shipping now ticking away, the Clean Arctic Alliance welcomes the progress made this week at PPR 6. Today, we are one-step closer to improving the protection of the Arctic, its people and wildlife."

During PPR 6, IMO Member States finalised a methodology for assessing the impact of a HFO ban on Arctic ecosystems, Indigenous local communities and economies, and commenced the work needed to define what types of fuel will be banned and how they will be banned. As well as considering how to reduce the risks of HFO in the Arctic, PPR 6 also addressed black carbon emissions from shipping that impact the Arctic, and finalised a list of ways that emissions, which are produced by burning oil-based fuels, including HFO, can be reduced. There was, however, no prioritisation of the most effective measures, and further consideration of emissions of black carbon will now be discussed at MEPC74 in May 2019. Phys.Org / [Read more](#)

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

AUSTRALIA: AMSA - POLLUTION AND SAFETY GO HAND IN HAND

February 27 - Vessel owners and operators are the best people to assess the specific types of risks in their operation and work out the best way to address the risks.

Some pollution risks are a direct result of safety risks. For example a collision or grounding can lead to a fuel spill. Your safety management system could therefore include clean-up procedures and contact details for notifying the authorities of the spill.

Other pollution risks can be managed in the same way as other safety risks. For example, stowing garbage securely prevents garbage from falling overboard, risk to hygiene and trip hazards. Keeping machinery well-maintained to reduce the likelihood of breakdown, also addresses the likelihood of oil leaks (which may lead to a fire) and excessive exhaust emissions (which may be a health hazard to crew and passengers).

Good operational procedures implemented by adequately trained crew ensures that activities such as refuelling and loading cargo are done safely and with consideration of the possible environmental impacts. AMSA / [Read more](#)

CANADA: GOVERNMENT OF CANADA MARKS THE PASSAGE OF BILL C-64: THE WRECKED, ABANDONED OR HAZARDOUS VESSELS ACT TO ADDRESS VESSEL ABANDONMENT AND ENSURE OWNER ACCOUNTABILITY

March 1 - Wrecked, abandoned, and hazardous vessels, including small boats, pose environmental, economic, and safety hazards, and are a concern for coastal and inland water communities across Canada. The Government of Canada, through its Oceans Protection Plan, is taking action to deter this irresponsible practice. The Honourable Marc Garneau, Minister of Transport, and the Honourable

Jonathan Wilkinson, Minister of Fisheries, Oceans and the Canadian Coast Guard, are pleased to mark yesterday's passage of Bill C-64: the Wrecked, Abandoned or Hazardous Vessels Act.

The Act prohibits vessel abandonment and brings into Canadian law the International Convention on the Removal of Wrecks, 2007. It increases owner responsibility and liability for vessels, addresses irresponsible vessel management, and enables the Government of Canada to remove problem vessels. Not complying with the Act now can result in penalties of up to \$50,000 for individuals and \$250,000 for companies or corporations, while regulatory offence prosecution could result in a maximum fine of \$1M for individuals and \$6M for companies or corporations. Transport Canada / [Read more](#)

FINLAND: SUCCESSFUL LAUNCH OF THE OIL SPILL PROJECT AT THE KICK-OFF IN TURKU

February 19 - On 13–14 February 2019, invited by the Lead Partner University of Turku, OIL SPILL Project Partners gathered to Turku, Finland, where the spring showed its first signs of awakening. During this two-day event Partners got to know each other and a lot about the project.

On the first day, Partners gave numerous presentations about their activities, on-going other projects and introduced themselves. One of the main goals of this event was to get the Partners to become acquainted with each other, and this was achieved. After the presentations and a photo shoot, Partners attended a joint dinner at the conference venue.

On the second day's agenda was a workshop focusing on the practical matters of the project. Presentations were given by the Lead Partner on project administration, financials and communication. Kick-off was attended by each of the Project Partner organisations. During the workshop, launch of the social media platform, Flickr, for sharing pictures from project events was also announced. BlogitUTU / [Read more](#)



GUYANA: GUYANA TO BECOME THE 116TH MEMBER STATE OF THE 1992 FUND

February 26 - The International Maritime Organization has informed the Director of the IOPC Funds that the Co-operative Republic of Guyana deposited instruments of accession to the 1992 Civil Liability and Fund Conventions on 20 February 2019. Both Conventions will enter into force for Guyana on 20 February 2020, bringing the number of 1992 Fund Member States to 116 on that date. IOPC Funds / [Read more](#) [See also the report on Page 3 of last week's ISCO Newsletter]

NAMIBIA TIGHTENS GAPS ON OIL SPILLS IN HER WATERS – AUENE

February 25 - Works and Transport Deputy Director for Marine Pollution Control and Search and Rescue Pineas Auene says Namibia is ready to tackle any oil spills or pollution in its coastal waters. Auene revealed that over the past 10 years Namibia did not record any major oil spill incidences, in exception of the 2018 March Walvis Bay spill.

Auene made the remarks when he joined the Minister of Information Communication and Technology Stanley Simataa during the Cabinet briefing to the media on Thursday on Namibia's accession to two annexes of the international conventions submitted to Cabinet by the Works and Transport Minister John Mutorwa.

Simataa said Cabinet approved, in principle, Namibia's accession to Annexes IV and VI of the International Convention for Prevention of Pollution from Ships 1973, as modified by the Protocol of 1978 related thereto and by the Protocol of 1997 (MARPOL), and referred it to the Cabinet Committee on Legislation for further scrutiny before its tabling in the National Assembly for ratification. Equally, Simataa said Cabinet approved, in principle, Namibia's accession to the International Convention on Civil Liability for Bunker Oil Pollution Damage (Bunker Convention 2001), and also referred to the same Cabinet committee for similar processes before its ratification. New Era Live / [Read more](#)

SOUTH AFRICA: SIU LOOKING INTO THE MARITIME FUND'S MISSING MILLIONS

February 26 - A former employee at the South African Maritime Safety Authority has spilled the beans about how the multimillion-rand maritime fund was exposed to fraud, theft and corruption. The maritime fund is sustained by money collected as a result of penalties, fines and forfeitures to ship owners who violate certain laws and pollute the oceans. City Press / [Read more](#)

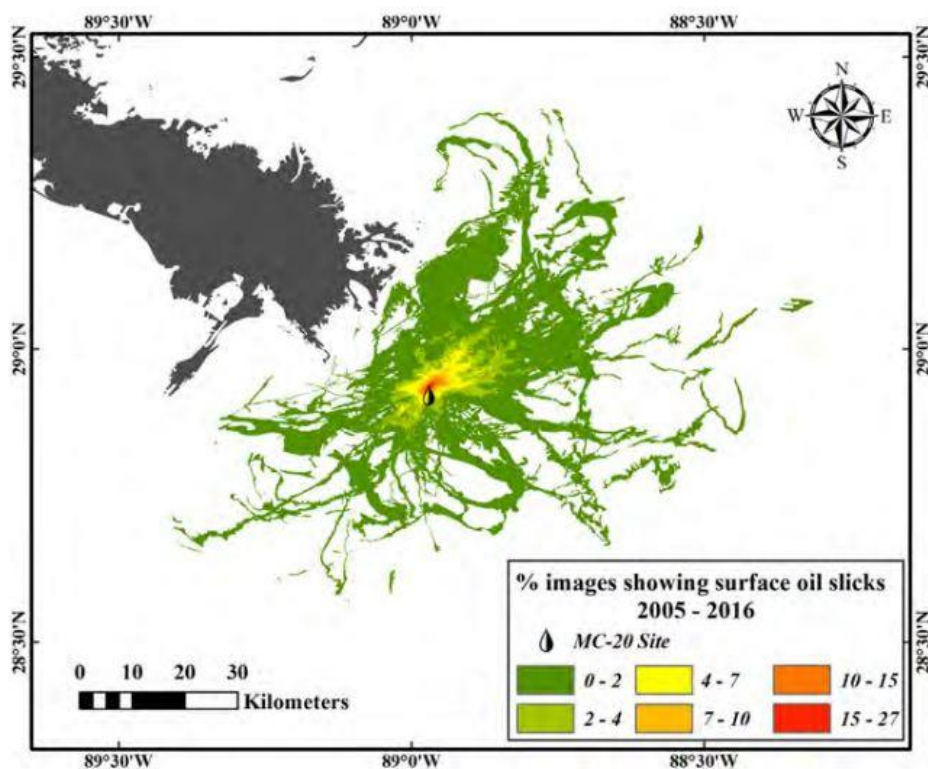
UK: MCA - CONTINGENCY PLANNING: MARINE POLLUTION PREPAREDNESS AND RESPONSE

February 26 – Updated MCA guidelines have just been issued for ports to ensure a co-ordinated local and national response to an oil spill.

Following review, this version is the most up to date. Changes to the previous version have been minor and have included reference to the recently published oil spill responder standards document and amendment to some of the contact details.

These guidelines are for those involved in the creation of oil spill response contingency plans. They promote a coherent national approach to the successful management of oil pollution incidents. They're designed to ensure that the national contingency plan (NCP) and local plans, including those of harbour authorities, work together to respond effectively. MCA / [Read more](#)

USA: STUDY ESTIMATES LARGER-THAN-EXPECTED OIL FOOTPRINT NEAR THE DAMAGED TAYLOR ENERGY PLATFORM



Schematic - This image shows oil appearance frequency from all cloud-free images (including those without sun glint) in 2005–2016. It shows a cumulative area of 1888 km² near the Taylor Energy Platform. (Figure 6 in the study, used with permission of Chuanmin Hu)

February 26 - Researchers analyzed remote sensing imagery to assess oil slicks near the Taylor Energy platform, which was damaged by Hurricane Ivan in September 2004, and determined how environmental conditions affected the slicks' distributions. Imagery showed no surface oil in most of 2004, but in 2005, 40% of cloud-free images showed slicks, and this number increased to 70% in 2006 – 2011 and >80% since 2012. Using all cloud-free images from 2005 to 2016, the team estimated an oil discharge rate of 48-1,700 barrels/day, which reached a cumulative area of approximately 1,900 km² in the regions surrounding the

Mississippi Delta. Their analyses suggest that the detected oil slick distribution can be largely explained by surface currents, winds, and density fronts associated with Mississippi River plumes.

The researchers published their findings in *Marine Pollution Bulletin: Remote sensing assessment of oil spills near a damaged platform in the Gulf of Mexico*. Gulf of Mexico Research Initiative / [Read more](#)

USA: CALIFORNIA - ASSEMBLY MEMBER HOLDEN INTRODUCES IDLE OIL WELL EMISSION REPORTING BILL



February 26 - Pasadena-area Assembly member Chris Holden reintroduced legislation that requires operators of idle and abandoned oil and gas wells to report hydrocarbon emissions found during the well plugging process. Assembly Bill 1328 also requires results from these tested oil and gas wells to be collected and publically reported by the Department of Conservation.

“We need to know how much and how often these wells are emitting pollutants in order to protect public health,” said Assembly member Chris Holden. There are about 30,000 idle or abandoned oil wells in California. In Los Angeles, a recent report by the Los Angeles County Department of Public Health examined LA

County’s 1,850 inactive oil wells and found that many old wells were improperly abandoned in the past, or left idle. Oil and gas pollution released in communities – such as where many of these wells are located – can cause headaches, nosebleeds and nausea, and has been linked to certain types of cancers and birth defects. Pasadena Now / [Read more](#)

USA: CALIFORNIA - FACING FUTURE THREATS: AB 936 TACKLES NON-FLOATING OIL

February 26 - California Assembly Member Robert Rivas recently introduced [Assembly Bill 936](#) (AB 936). The bill is a proactive step toward protecting California, and its critical resources, from the dangerous threats posed by non-floating oils. The risks associated with these oils—which include the diluted bitumen produced in Canada’s tar sands and the ultra-heavy oils produced in Venezuela’s Orinoco oil fields—are poised to increase for the state as its own [heavy oil production declines](#) [1] from the peaks it reached in the 1980s. NRDC / [Read more](#)

USA: FISHERIES MANAGEMENT IN THE CASE OF A MAJOR POLLUTION EVENT IN THE GULF OF MAINE

March 1 - The week of February 25, the OR&R Emergency Response Division, NOAA Marine Fisheries/Greater Atlantic Regional Field Office, and the Coastal Response Research Center (CRRC - a joint NOAA/University of New Hampshire research center) brought response, management and seafood inspection authorities from state and federal levels together to discuss fisheries management following a major pollution event in the Gulf of Maine.

Attendees came from Maine, New Hampshire, and Massachusetts (state response and management agencies), Food and Drug Administration, NOAA’s Seafood Inspection Program, New Hampshire Sea Grant and others. This one-day workshop examined the science (and craft) of fisheries closures based on the uncertainty of trajectory modeling as well as oil types and oil fate. The program included a comparison of closure and opening practices among the states and by federal agencies, an overview of the NOAA Sensory Analysis Laboratory, and outreach and communication ideas for fishermen, stakeholders, and the public. NOAA OR&R / [Read more](#)

PEOPLE IN THE NEWS

USA: SCOTT McCREERY ELECTED AS FELLOW OF THE INTERNATIONAL SPILL CONTROL ORGANIZATION



The Professional Standards Committee of ISCO has announced the award of Professional Membership (FISCO) to Scott McCreery. Scott is the Founder and Principal Consultant at Fairlead International. He has over 30-years of experience in contingency planning; oil spill prevention, preparedness & response; regulatory compliance management; vessel traffic safety; and crisis management. Scott has trained and led Incident Management Teams (IMTs) internationally for over 25-years, and has participated in responses to major industrial fires, earthquakes, hurricanes, pipeline spills and fires, and numerous marine oil spills including serving as Planning Section Chief during the 2010 Deepwater Horizon Oil Spill.

<https://fairleadinternational.com/>

UK: ITOPF ANNOUNCES NEW STAFF APPOINTMENTS

ITOPF welcomed two new Technical Advisers to the team this week, Lauren Fear and Dr Angela Pinzón-Espinosa (pictured left to right).

Lauren is a biologist and previously worked as a consultant ecologist, involved in assessing the impacts of large infrastructure projects on protected species and habitats in the UK.

Angela has a PhD in Environmental Sciences and has worked on projects related to the clean-up of oil refining waste, chemical diversity in marine organisms and the recovery of coral populations in the Caribbean. <https://www.itopf.org/>



ISCO NEWS

ISCO MEMBERS CAN RECEIVE A \$50 DISCOUNT ON CLEAN PACIFIC REGISTRATION

The Clean Pacific Conference takes place in Vancouver on 18-20 June, 2019 <http://2019.cleanpacific.org>

ISCO is pleased to announce that the conference organiser has agreed to give members of ISCO a \$50 discount on the cost of attending the conference. Members wishing to take advantage of the offer should contact the ISCO Secretariat – matthewsommerville@hotmail.co.uk – to receive a code that should be quoted when making your booking.

ISCO endeavours to negotiate discounts for its members in regard to attendances at conferences, training courses, and other events. Taking advantage of these benefits gives our members worthwhile savings that in effect reduce the cost of maintaining their membership of ISCO.

ISCO CORPORATE MEMBER, GOBBLER BOATS, ANNOUNCES NEW DEVELOPMENT



February 25 - Internationally recognized shipbuilder, Gobbler Boats Ltd., has announced a group expansion following a new project in Nigeria.

The project will see 31 state-of-the-art oil recovery boats and a number of Hovercrafts (Govercraft) scour the African state's off-shore and coastal waters as an efficient, economical and viable way to eliminate pollution.

Established in 2009, in response to the requirement for a new approach to address oil and plastic contamination in the ocean, the Buckinghamshire-based company specializes in the design, manufacture and production of oil-spill recovery vessels, and other anti-pollution equipment. Gobbler Boats / [Read more](#)

SCIENCE & TECHNOLOGY

OYSTER MUSHROOMS HELPED CLEAN UP AFTER CALIFORNIA'S WILDFIRES. WHY IS IT SO HARD TO MAKE A BUSINESS CASE FOR "MYCOREMEDIATION?"



Photo: "In nature, mushrooms break down all kinds of substances, and we're just beginning to look at this more closely in the lab and in field studies," says Theresa Halula, who teaches mushroom cultivation at Merritt College in Oakland, California

February 18 - Proponents say it's a natural, more benign, and potentially cheaper alternative to the "scrape and burn" approach to environmental clean-up. But research funding is so hard to come by, it falls on citizen scientists and garage researchers to do the work.

When wildfires burned across Northern California in October of 2017, they killed at least 43 people and displaced another 100,000. The human toll alone was dire, but the fires also left behind a toxic mess. It wasn't just the record-breaking levels of air pollution. The blazes generated an untold amount of potentially dangerous ash, the remains of incinerated hazardous household waste and building materials. The

charred detritus of paint, pesticides, cleaning products, electronics, pressure-treated wood, and propane tanks left a range of pollutants in the soil—including arsenic, asbestos, copper, hexavalent chromium, lead, and zinc.

Volunteers, led by Sebastopol-based landscape professional Erik Ohlsen, are advocates for mycoremediation, an experimental bioremediation technique that uses mushrooms to clean up hazardous waste, harnessing their natural ability to use enzymes to break down foreign substances.

In the last 15 years, fungi enthusiasts and so-called "citizen scientists" have deployed mushrooms to clean up oil spills in the Amazon, boat fuel pollution in Denmark, contaminated soil in New Zealand, and polychlorinated biphenyls, more commonly known as PCBs, in Washington's Spokane River. Research suggests mushrooms can convert pesticides and herbicides to more innocuous compounds, remove heavy metals from brownfield sites, and break down plastic. They have even been used to remove and recover heavy metals from contaminated water. New Food Economy / [Read more](#)

MALTA: NATIONAL REFRESHER COURSE ON THE OIL SPILL RESPONSE TECHNICS USED UNDER THE PROJECT POSOW



February 22 - During an oil spill event, national authorities often need the assistance of trained volunteers to respond rapidly and efficiently to a marine pollution on coastal areas not only to intervene for the shoreline clean-up but also to rescue oiled wildlife. In this context, the EU-funded project Preparedness for Oil-polluted Shoreline clean-up and Oiled Wildlife interventions (POSOW) trained over 430 volunteers in 16 different Mediterranean countries since 2012 through the successive projects POSOW I and POSOW II (2012-2013 & 2015-2016). These volunteers have benefited from the required knowledge and experience to be registered in the [POSOW Volunteer database](#) which is a Mediterranean regional network enabling the volunteers to collaborate with national authorities if they request assistance.

Within the continuous effort aiming at improving national capacities in these fields, a National Refresher Course was organised in Malta from 22 to 23 February 2019 by two local non-governmental organisations Nature Trust Malta (NTM) and BirdLife Malta with the participation of Transport Malta and the Civil Protection Department of Malta (CPD) and with the support of The Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC). This initiative occurred 5 years after the organisation of a National Training Course held in Malta within the framework of POSOW I with the collaboration of NTM and CPD.

REMPEC was pleased to participate as facilitator of this two-day Refresher Course to present the overall project and its outcomes to 25 volunteers to ensure the sustainability of the initial project by capitalising knowledge and national capacities developed during its original implementation. Six speakers from the different organisations involved in the training and REMPEC introduced the volunteers to various topics such as the shoreline assessment, the shoreline clean-up, the oiled wildlife response and the management of volunteers on site with the notion of chain of command.

Read more about POSOW project and its outputs on www.posow.org.

USA: OIL SPILL RESPONSE STRATEGIES & TACTICS TRAINING - MAY 14-17, 2019 AND AUGUST 6-9, 2019

Ohmsett, in partnership with Texas A&M National Spill Control School, offers the hands-on training course you can't afford to miss! You will learn the strategies and tactics for successful spill response operations.

Course Topics:

- Fates & effects of spilled oil
- Oil skimmer & containment boom selection, use & recovery strategies
- Factors affecting oil spill movement
- Incident Command System (ICS)
- Shoreline Characterization (Introduction to SCAT)
- River & tidal inlet strategies
- Hands-on skimmer operations
- Responder safety
- And more

When: May 14-17, 2019 August 6-9, 2019 8:00 a.m. - 4:00 p.m.

Where: Ohmsett Leonardo, NJ USA

Phone: 732-866-7286 www.ohmsett.com

DECADES OF IMPACT - PRINCE WILLIAM SOUND OIL SPILL RECOVERY INSTITUTE

Celebrating 20 Years of Innovation – Review of Project Highlights

<http://www.pws-osri.org/wp-content/uploads/2019/01/OSRI-20th-FINAL.pdf>

BALTIC: HELCOM CASE STUDY SHOWCASES THE POTENTIAL OF THE OPENRISK GUIDELINE FOR MARITIME RISK ASSESSMENTS RELATED TO OIL SPILLS

February 28 - HELCOM has recently published a [case study](#) for the Baltic Sea showing the potential of the recently developed OpenRisk guideline for assessing maritime risk related to oil spills.

The case study is part of the [OpenRisk project](#) that led to the development of a [toolbox](#) containing several open-access methods for maritime risk management.

"The basic idea of the case study is to demonstrate, in practice, the usefulness of the OpenRisk toolbox and associated guidelines for assessing the risk of accidental oil spill," said Valtteri Laine, the OpenRisk project manager and co-author of the study.

The Baltic Sea case study focuses on maritime incidents in two test areas. The first one includes the Gulf of Finland and the Archipelago Sea, and the second one part of the sea areas south of Sweden and east of mainland Denmark.

The study is based on data provided by HELCOM, and by Denmark, Finland and Sweden.

The OpenRisk Baltic Sea case study is also available both as [a report \(.PDF\)](#) and as [an interactive story map](#).

The three other OpenRisk partners – the Maritime Research Institute Netherlands ([Marin](#)), the Finnish Environmental Agency ([SYKE](#)) and the Norwegian Coastal Administration ([Kystverket](#)) – also [developed their own case studies](#).

The OpenRisk project was co-financed by the European Union.

- [Download the Baltic Sea case study](#)
- [Download the OpenRisk guideline](#)
- [View the story map of the Baltic Sea case study](#)

MARINE TECHNOLOGY SOCIETY JOURNAL SPECIAL OIL SPILL ISSUE



January 29 - The Gulf of Mexico Research Initiative (GoMRI) is pleased to announce the Marine Technology Society Journal special issue, Advancing Oil Spill Technology: Beyond the Horizon (Volume 52, Number 6, November/December 2018).

Guest editors Steve Murawski, Liesl Hotaling, and Sherryl Gilbert (University of South Florida) and Dana Yoeger (Woods Hole Oceanographic Institution) explained that a convergence of technology interests during the 2018 TechSurge workshop in New Orleans led to this special issue. Many of the workshop's attendees were also attending the Gulf of Mexico Oil Spill and Ecosystem Science Conference and the Underwater Intervention Conference, both held in New Orleans during the same week as TechSurge.

[Download the Special Oil Spill Issue](#)

Gulf Research Initiative / [Read more](#)

A SPECIAL OFFER FROM STEWART ELLIS, CLEANUPOIL.COM

FIND A WRONG NUMBER AND GET A FREE BOOK ! The year of review and edits is over. I have individually checked every listing and phone number - however the more eyes the better!

I am offering a free* copy of the new book to anyone that finds a wrong number (omissions excepted). Follow this link to see listings; <https://lnkd.in/ejzKUAM>

* Offer is only valid for continental USA, all responses must be received by 7th March 2019. Other conditions apply.

[hashtag#cleanupoil hashtag#oilspill](#)

<https://www.cleanupoil.com/listings/>

CONTRACTS & TENDERS

OPEN TENDER NOTIFICATION SERVICE

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

SAFETY BRIEFING

PROTECTING YOURSELF PROPERLY DURING HURRICANE CLEANUP

Hurricane Andrew, Hurricane Katrina, Hurricane Harvey – these are just a few of the hurricanes in the last 30 years that have caused widespread damage. The wind, the water, the destruction, the displacement. It is one thing to survive a major weather event, it is quite another to then begin the process of cleaning up the devastation. Where do you start? You protected yourself from the storm, now how do you protect yourself from the aftermath, including mold, exposed materials such as asbestos and other factors such as noise from machinery that may be used to help with the clean-up efforts? Let's explore this important issue. [Continue Reading](#) [Thanks to Emergency Management]

EVENT NOTICES

USA: THE CLEAN WATERWAYS EXHIBIT FLOOR IS OFFICIALLY SOLD OUT!

February 25 - We are still 2 months out from [CLEAN WATERWAYS](#), and the exhibit floor is already sold out! The buzz around this show continues as we head into our third year and we couldn't be more excited to keep the momentum going! With a sold-out exhibit floor and registration climbing each week, this year's CLEAN WATERWAYS in Cincinnati is sure to be an event you don't want to miss!

USA: JUST ADDED TO THE PROGRAM FOR CLEAN WATERWAYS: RAIL FORUM

February 28 – Clean Waterways is excited to announce the addition of the Rail Forum at CLEAN WATERWAYS 2019! This is your opportunity to ask rail specific questions in an informal forum! The focus of the forum will be driven by the questions you have. Would you like to know how to better partner (pipeline, terminal, and refinery operators) with rail operators?

Do you have questions about the final rule just issued by the USDOT requiring rail oil spill response plans? If you do, make plans to attend this year's forum all about rail!



Panelist:
James M. Bryan
HAZMAT Manager
OH, KY, TN, Norfolk Southern
Railroad

[VIEW FULL AGENDA](#)



Panelist:
Eddie Murphy
Training & Exercise Specialist
U.S. DOT PHMSA

[VIEW EXHIBITORS](#)



Panelist:
Neal Suchak
Hazardous Materials Safety
Assistance Team
U.S. DOT PHMSA

[VIEW NETWORKING EVENTS](#)

CLEAN WATERWAYS focuses on spill prevention and response issues specific to inland regions and waterways and is the only event that fully integrates multiple industry sectors with government and regulatory agencies.

[REGISTER NOW](#)

EVENT NOTICES (CONTINUED)

ADRIATIC: REGISTRATION NOW OPEN FOR ADRIASPILLCON 2019

February 28 - Please note that the registration is opened for ADRIASPILLCON 2019 Conference, which will take place 28-30 May 2019 in Opatija, Croatia.

The Conference, complemented with an exhibition of relevant products and services, aims at providing a forum for exchange of experience and knowledge in the fields of prevention, preparedness for and response to accidental marine pollution by oil and other hazardous and noxious substances (HNS), among the participants from the Adriatic region and their counterparts from other parts of Europe and the Mediterranean.

For all relevant information, including the registration form, you are kindly invited to consult the Conference website www.adriaspillcon.com

USA: REMINDER - THERE IS ONLY 1 WEEK LEFT TO SUBMIT YOUR ABSTRACT FOR CLEAN GULF

March 1 - Prospective speakers and poster presenters are invited to submit a 200-300 word abstract(s) online for consideration by the program committee by Friday, March 8 (No extensions)

Those accepted to speak (one per presentation) receive complimentary registration to the conference; co-authors and poster presenters receive a heavily discounted registration rate.

CLEAN GULF is the premier annual event for industry and government from North America and beyond to come together and discuss planning, preparedness and response issues for oil and hazardous materials spills. An industry-based committee has been formed to assist with the programming of the conference.

What puts your abstract in a favorable light?

- Submissions from operating companies and/or regulatory agencies sharing new information
- Submitting case studies that culminate with actionable recommendations
- Being focused and concise on what will be covered in your presentation
- Providing practical, tactical, and timely information

What will likely get your abstract rejected?

- Submissions that are commercial in nature and/or product specific
- Unfocused abstracts that do not concisely detail what the presentation will be about
- Submissions clearly outside the scope of the conference
- Abstracts that are heavily technical or scientific

NOTE: No more than two submissions per speaker allowed. Accepted speakers receive complimentary registration to the conference. Only one complimentary registration per submission.

Based on demand and support CLEAN GULF will continue to cover inland spill issues including, but are not limited, to:

- | | |
|---|---|
| • Clean-up tools and techniques | • Oil and HAZMAT Transportation |
| • Inland response techniques | • Onshore/inland facility SPCC/FRP compliance |
| • Inland waterways | • Pipeline incidents |
| • Fast water response | • Railway incidents |
| • Fast or flooded and rivers and pipelines | • Refineries |
| • Leaking pipes | • Rivers and ice |
| • Non-floating oil (tools for assessment, tracking, containment and recovery) | • Storage Tanks |

A much longer listing of other Abstract Topics was published on Page 9 of ISCO Newsletter 671 (11 February 2019)

Questions? Contact Cassie Davie at 713-343-1891 or cdavie@accessintel.com

RESPONSE EVENTS DURING MARCH 2019

OMAN: OIL SPILL RESPONSE OFFICERS MEETING

Muscat, March 4-6. To view the agenda go to http://memac-rsa.org/en/upcoming_meeting_documents

FRANCE: CEDRE INFORMATION DAY

Paris La Défense, March 5. The 2019 Cedre Information Day will address public and industry policies (notably under the Marine Strategy Framework Directive and the OSPAR Convention) on reducing litter in the marine environment as well as the contribution of the circular economy. [More info](#)

UK: CHEMICAL & PRODUCT TANKER CONFERENCE

London, March 5-6. Now in its tenth year, this event attracts owners and operators of the world’s fleet of chemical and product carrying tankers as well as shipbrokers, charterers, lawyers, insurers, regulators and equipment manufacturers from around the world. [More info](#)

ST. KITTS: SUB-REGIONAL WORKSHOP - OPRC LEVEL 2

St. Kitts, March 11-14. More info carla@cep.unep.org

KENYA: UN ENVIRONMENT ASSEMBLY

Nairobi, March 11-15. The United Nations Environment Assembly is the world’s highest-level decision-making body on the environment. It addresses the critical environmental challenges facing the world today. Understanding these challenges and preserving and rehabilitating our environment is at the heart of the 2030 Agenda for Sustainable Development. [More info](#)

UK: POLLUTION CONTROL & SUSTAINABLE ENVIRONMENT CONFERENCE

London, March 14-16. The 5th International Conference on Pollution Control & Sustainable Environment during March 14-16, 2019 at London, UK which will entail lively debates, prompt keynote presentations, Oral talks, Poster presentations, workshops and networking opportunities around a core of plenary and concurrent sessions based on essential topics in the Pollution Control sector. [More info](#)

GUYANA: -NATIONAL WORKSHOP ON OPRC CONVENTION

Guyana, March 18-21. More info carla@cep.unep.org

CÔTE D'IVOIRE: REGIONAL WORKSHOP ON RATIFICATION AND EFFECTIVE IMPLEMENTATION OF IMO CONVENTIONS RELATING TO OIL SPILL RESPONSE PREPAREDNESS AND RESPONSE

Abidjan, March 18-22. GI WACAF Sub-regional workshop on the ratification and effective implementation of IMO conventions relating to oil spill response preparedness and response and to liability and compensation [More info](#)

RUSSIA: XX ANNIVERSARY INTERNATIONAL ENVIRONMENTAL FORUM

St. Petersburg, March 21-22. On March 21-22, 2019, representatives of the Baltic countries will gather in Saint-Petersburg (Russia) for the 20th time to exchange experiences, discuss the achieved results and future plans, moreover ways of reaching the ambitious goals in conservation and protection of the Baltic Sea environment. [More info](#)

UK: MARINE INSURANCE LONDON CONFERENCE

London, March 22. London's first and only premier marine insurance conference where Insurers, Brokers and third parties can discuss the latest developments in the market. View the agenda at <https://marineinsurancelondon.com/agenda/>

USA: SCAA ANNUAL MEETING & CONFERENCE

Arlington VA, March 26-27. Gather with the leaders in the spill control industry and gain exposure to cutting edge business information specifically targeting spill control professionals during SCAA's Annual Meeting & Conference. Nowhere else will you learn from and exchange information with the very best that the spill control industry has to offer. [More info and registration](#)

HAITI: - NATIONAL WORKSHOP ON MARPOL CONVENTION

Haiti, March 27-29. More info carla@cep.unep.org

UPCOMING EVENTS – APRIL 2019 ONWARDS (UPDATED)

COUNTRY	2019	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
UK	April 1-2	IOPC Funds Meetings at IMO	London
TUNISIA	April 2-4	W’shop on Crisis Management & Decision Making	Tunis
USA	April 16-18	Clean Waterways Conference	Cincinnati, OH

UPCOMING EVENTS – APRIL 2019 ONWARDS (CONTINUED)

USA	May 13-15	Elastec's Spring 2019 River Spill Workshop	Carmi, IL
USA	May 14-17	Hands-on OSR Strategies and Tactics Training	Leonardo, NJ
UK	May 15-16	NCEC HAZMAT 2019 Conference	Stratford on Avon
SINGAPORE	May 20-24	INTERTANKO Annual Tanker Event	Singapore
AUSTRALIA	May 20-24	SPILLCON 2019 Conference and Exhibition	Perth
CROATIA	May 28-30	ADRIASPILLCON 2019 Conference and Exhibition	Opatija
CANADA	June 4-6	42nd AMOP Technical Seminar on Environmental Contamination & Response	Halifax, Nova Scotia
BELGIUM	June 12-13	European Environmental Ports Conference 2019	Antwerp
UK	June 17-21	IOPC Funds' Short Course	London
CANADA	June 18-20	Clean Pacific Conference and Exhibition	Vancouver BC
NEW ZEALAND	Sept. 3-5	Ecoforum Conference 2019	Auckland
UK	Sept. 11-12	The Spill Response Expo	Birmingham
USA	October 7-10	Elastec's Fall 2019 River Spill Workshop	Carmi, IL
USA	October 28-31	Clean Gulf Conference and Exhibition	New Orleans LA
TUNISIA	Nov. 13-14	Incident Management System Training Workshop	Tunis
COUNTRY	2020	TITLE OF EVENT	LOCATION
USA	May 11-14	International Oil Spill Conference & Exhibition	New Orleans LA
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

Note: Where event titles are not shown in blue ink it just means that the relevant websites are not yet available

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

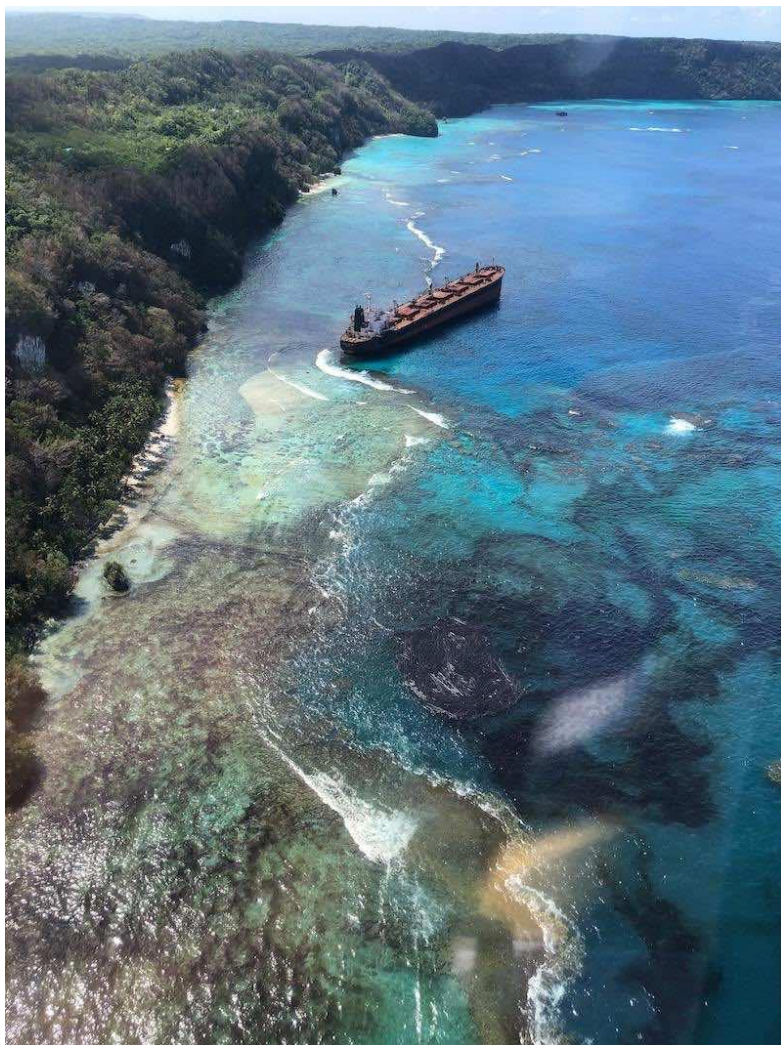
Alga Chronicle	News from Australia on Contaminated Land Remediation	November 2018
AMSA Aboard	News from the Australian Maritime Safety Authority	December 2017
ATRAC Newsletter	News from the Adriatic Training and Research Centre	Dec. 2018 issue
AUSMEPA Bulletin	News from the Australian Marine Environment Protection Assoc'n	Summer 2019
BIMCO Bulletin	Marine and shipping-related news from BIMCO	Nov. 2018 issue
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	On request email
Bow Wave	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
Cedre Newsletter	News from Cedre in Brittany, France	January 2018
Clean Nigeria Associates Newsletter	News from CNA about Oil Spill Response in Nigeria	December 2018
EMSA Newsletter	News from the European Maritime Safety Agency	February 2019
GISEA Quarterly Newsletter	News from Global Initiative for South-East Asia	December 2018
IMO News Magazine	News from the International Maritime Organization	Winter 2018 /19
IMO Publishing News	New and forthcoming IMO publications	January 2019
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	January 2019 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	March-April, 2018
MOIG Newsletter	News from the Mediterranean Oil Industry Group	Jan. 2019 issue
Nautical Institute News	News from the Nautical Institute	June-July, 2018
Navigate Response	Global crisis communications network for shipping & marine	December 2018
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	January 2019
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Fall 2018
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	December, 2018
Pollution Online Newsletter	News for pollution prevention & control professionals	February 27, 2019
Safe Seas, Clean Seas	Quarterly Newsletter from Maritime New Zealand	July 2018 issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Spring 2018 issue
Spill Alert	Newsletter from the UK Spill Association	December 2017
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	Jan. 1-15, 2019
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	Mar. 1, 2019

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

INCIDENT REPORTS (IN CHRONOLOGICAL ORDER)

UPDATES: OIL SPILL IN SOLOMON ISLANDS UNESCO MARINE RESERVE

February 26 - An environmental disaster is unfolding in Solomon Islands, on the island of Rennell, with tonnes of oil spilling into an internationally-significant marine reserve. The spill is still not contained, and experts have scrambled from as far away as Australia and the United States to try and stem the flow in what authorities now say could be the Solomon Islands' worst environmental disaster.



As the Solomon Islands government confirmed it cannot cope with the scale of the leak, containment supplies are being flown from Australia. Since 4 February, it's sat where it was grounded. Cyclone Oma lingered for more than a week, stirring heavy swells and preventing tugboats from attempting to salvage the ship, from where it's proved stubborn to remove. RadioNZ / [Read more](#)

February 27 - The Solomon Islands government has described the spill as an emergency and has committed several agencies to the response. But word from Honiara has been muted, and disaster officials have said it doesn't have the capacity to cope.

It's activated an agreement with Australia that has seen its Maritime Safety Authority committed to the response, and experts and equipment were deployed on a special military flight late last week. The Australian High Commission, in a statement, said it was exploring all options to contain the spill. RadioNZ / [Read more](#)

February 28 - Technical difficulties are stalling efforts to salvage a ship at the centre of an environmental disaster in the Solomon Islands. The bauxite miner which chartered the ship, Bintan Mining Corporation, is leading salvage efforts, which began on Sunday.

Bintan's manager, Fred Teng, said a team is preparing to transfer oil off the ship. But he said efforts had been stalled by a power generator failure, which has put the cargo crane on-board out of order. RadioNZ / [Read more](#)

March 1 - Salvage crews are frantically trying to get the remaining 600 tonnes pumped off the ship.

But Australia's Department of Foreign Affairs said it was highly likely much of it would be "released" into the sea. It said responsibility for mitigating the environmental disaster rested with the companies involved, and that it was "profoundly disappointed" with how they had responded. RadioNZ / [Read more](#)

March 1 - Growing Concerns over Bulker Oil Spill. Australia is helping to pressure a Hong Kong shipping company and several other firms to take responsibility for cleaning up a major oil spill close to a World Heritage-listed coral reef off the Solomon Islands. The Sydney Morning Herald and The Age understands there is deep frustration within the Australian government over the refusal by the Hong Kong firm, its South Korean insurer and a Solomons mining firm to stem the flow of oil out of the large cargo ship, which ran aground more than three weeks ago. Pressure is now being put on the companies to "hold those responsible companies and their owners and insurers to account to meet both their commercial and their moral obligations". Australia is providing the Solomons government with technical expertise. An AMSA technical adviser was posted to Honiara, the Solomons capital. The Australian government has also readied equipment in the Solomons to stop the spill and clean it up if the companies don't act. It is understood the companies responsible have generally not even been responding to Honiara's requests for help. Korea P&I appears to have deployed a salvage crew but they haven't formally told the Solomons government the extent of anything they are doing. Solomon Times / [Read more](#)

March 2 - The Australian Maritime Safety Authority is providing regular aerial surveillance of the stricken ship to monitor the unfolding environmental disaster. Pictures taken during the flyovers show a large oil slick running from the ship into the aquamarine waters and thick clumps of petrochemical sludge on the shore. New Zealand dispatched two oil spill containment specialists to the disaster zone yesterday and said they would help implement a response plan. The Borneo Post / [Read more](#)

March 3 - Australia sending equipment, vessels and experts under the leadership of the Australian Maritime Safety Authority (AMSA). The bulk carrier ran aground while loading bauxite during a cyclone, Radio New Zealand reported. Reuters / [Read more](#)

[Editor: There have been hundreds of reports on this incident, mostly very repetitive. For the most part I have referred to the reports from Radio NZ, which have been updated quite regularly. The response appears to have been very slow and with little progress to report on salvage operations, oil removal, containment and recovery. It looks like the pollution is likely to get worse and the story will continue for some time.]

USA: ALASKA – LANDING CRAFT GROUNDS ON KODIAK ISLAND

February 26 - The 74' Landing Craft Don Quixote began taking on water and ran aground on Kodiak Island. The LC has approximately 800 gal of Diesel and 50 gal of Oil onboard. A sheen has been spotted coming from the vessel and an unknown amount of product has been discharged. Sector Anchorage is requesting fate analysis and trajectory. NOAA Incident News / [Read more](#)

BRAZIL: SPILL FROM PLATFORM IN CAMPOS BASIN

February 26 - Petrobras reports the occurrence, in the early hours of today (23/02), of a hose rupture at P-58 during the offloading of oil to a relief vessel, causing an oil spill initially estimated by overflight at 188 m³. Two vessels are on site to contain and collect the slick. Initial simulations indicate there is no risk that the slick will reach the coast. Oil and Gas People / [Read more](#)

CANADA: VACUUM TRUCKS SUCK 49,000 LITRES OF OILY WATER FROM STORM SEWER TO SAVE SALMON

February 26 - More than 49,000 litres of oily water have been vacuumed out of the storm sewer system near Mackay Creek in North Vancouver after an oil spill was spotted in the fish-bearing creek last Friday. CBC News / [Read more](#)

USA: WASHINGTON - OLYMPIA BREWERY TRANSFORMER SPILL

February 27 - Multiple lengths of oil containment boom are deployed between the spill site and down the Deschutes River into the south end of Capitol Lake. Laboratory results show the oil contains less than 0.005 percent PCBs (approximately 30 - 50 parts per million). It is important to know this spill does not pose an immediate public health threat, according to state Department of Health toxicologist and PCB expert Barb Morrissey. Washington State Dept. Of Ecology / [Read more](#)

USA: CALIFORNIA - BIRDS FOUND MYSTERIOUSLY COVERED IN OIL

February 27 - The birds – mostly Western grebes – were coated in a natural oil seep that bubbles up to the ocean's surface. "They end up on the beach essentially starving and very dehydrated so not only are we dealing with a contaminated bird but we're also dealing with a sick and debilitated bird," said Kylie Clatterbuck, manager for International Bird Rescue. CBS News / [Read more, watch video](#)

USA: MINNESOTA - 5,400 GALLONS OF NITRIC ACID SPILLED IN MINNEAPOLIS

March 1 - Minneapolis fire officials say an estimated 5,400 gallons of nitric acid has been spilled on the city's east side. According to the fire department, the incident occurred at 3100 East Hennepin Avenue Friday morning. Fire officials say the spill has been contained, but they are working with the MPCA and Public Works to mitigate product that got into storm drains. The nitric acid was neutralized with soda ash. [CBS News / Read more and watch video](#)

ITALY: FUEL REMOVAL COMMENCES FOR GROUNDED CARGO SHIP OFF BARI

March 1 - Crews have started removing fuel from the Turkish cargo ship Efe Murat which washed ashore along a breakwater in Bari, Italy during a storm last week. Authorities in Italy have reported no pollution so far from the 5,786 dwt Efe Murat, but reports indicate that the ship has been holed in several places and is taking on water. gCaptain / [Read more](#)

CANADA: MILLION LITRES OF CRUDE OIL SPILLED IN ST. LAZARE, MANITOBA, TRAIN DERAILMENT

March 1 - Investigators say at least one million litres of crude oil was released when a train derailed last month on a ranch in western Manitoba. The Transportation Safety Board says the spill was mostly contained in a low-lying area next to the track, and it's too early to comment on the environmental impact. The Canadian Press / [Read more](#) [Editor: This is an update on the report in last week's newsletter] [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat News]

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