

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

SPILL RESPONSE EXPO SUPPORTED BY Environment Agency
THE UK'S LEADING EVENT FOR PROFESSIONALS WORKING TO REDUCE CHEMICAL SPILLS
12 & 13 SEPT NEC BIRMINGHAM

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SPILLCON
20 – 24 May 2019 Perth, Australia

UN INFORMATION SHARING PLATFORM SPEEDED RESPONSE TO WORST OIL SPILL IN NORTHWEST PACIFIC



August 9 - Looking back on the response to the Sanchi spill, the four NOWPAP Member States emphasized the importance of real-time information exchange on the spill between countries and with the NOWPAP Marine Environmental Emergency Preparedness and Response Regional Activity Centre (MERRAC).

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INTERNATIONAL NEWS (CONTINUED)

Speaking at the Twenty-first NOWPAP MERRAC Focal Points Meeting and The Thirteenth Competent National Authorities Meeting for the NOWPAP Regional Oil and HNS Spill Contingency Plan, held from 17 to 20 July in Incheon, representatives of NOWPAP member countries praised the platform for allowing them to share regular updates on the location of the spill, the condition of the tanker and the status of ongoing and planned response measures. The timely information and support provided by the Japanese and Korean maritime authorities facilitated the China Maritime Safety Administration (MSA) response to the spill.

UN Environment / [Read more](#)

EUROPE: EMSA PARTICIPATES IN POLLUTION RESPONSE EXERCISE IN BALTIC SEA

Two of EMSA's contracted standby oil spill response vessels in the Black Sea - the Galaxy Eco (based in Varna, Bulgaria) and the Amalthia (based in Constanta, Romania) – participated in the oil spill response activities held as part of the 'Breeze 2018' exercise.

This international exercise, organised by the Bulgarian navy and maritime administration, took place in Burgas Bay on 19 July.

The scenario envisaged an incident during an offshore drilling operation resulting in a spill of 20 000 tonnes of crude oil. The pollution response vessels deployed by the Agency and under the control of the Bulgarian authorities were tasked to recover the oil using sweeping arms and heavy duty offshore booms and skimmers.

The scenario was chosen for its relevance, given the potential threats associated with the current development of offshore drilling activities in the Black Sea. This development recently prompted Bulgaria to request additional dispersant capacity from EMSA as part of the available response arrangement.

EMSA Newsletter / [Read more](#)



ITOPF OFFICIALLY DROPS FULL VERSION OF ITS NAME



August 6 - To coincide with its 50th anniversary celebrations, ITOPF has officially dropped the full version of its name. Established as the International Tanker Owners Pollution Federation Limited in 1968, ITOPF has been known by its acronym for a number of years.

On 12th July 2018 its name was officially changed to ITOPF Limited.

ITOPF's website and email addresses have also changed to www.itopf.org and central@itopf.org / firstname.lastname@itopf.org to reflect its not-for-profit status.

INCIDENT REPORTS (IN CHRONOLOGICAL ORDER)

Note from Editor - Incident Reports received from Carlos Sagrera, on Spill events in Panama and Venezuela

Due to an oversight on the part of your Editor, these reports were not included in Newsletter 646 and publication further delayed because issue of Newsletter 647 has been held up due to office relocation and problems in resolving internet connectivity. On behalf of ISCO I apologise to Carlos and our readers for the long delay in printing these reports.

PANAMA: FUEL OIL SPILL IN COLON

On 16th July, Carlos Sagrera, Member of ISCO Council for Panama wrote "Here enclosed some Panamenian news (Spanish links) and photos concerning this oil spill last week in Colon (Caribbean side of Panama) of fuel oil at the old installation of an abandoned oil



company. According the oficial information of the Maritime Authority of Panama it was an attempt to steal the remaining oil in the old pipes and tanks. The Panamenian OSRO Ocean Pollution Control is working in the zone”.

Links are as follows-

https://www.prensa.com/economia/Derrame-derivado-hidrocarburos-Colon_0_5070242937.html
https://www.prensa.com/provincias/Siguen-labores-derivado-hidrocarburos-Colon_0_5070992864.html
<http://laestrella.com.pa/panama/nacional/derrame-hidrocarburos-extiende-kilometros/24071645>
<http://elsiglo.com.pa/panama/investiga-derrame-hidrocarburos/24071890>

Thanks to Carlos Sagrera, MSc, FISCO, Member of ISCO Council for Panama.

VENEZUELA: OIL SPILL IN GUARAPICHE RIVER

On 16th July, Carlos Sagrera, Member of ISCO Council for Panama, wrote “Concerning the ISCO Newsletter N° 645 and the report about the oil spill at the Guarapiche River (Complejo Jusepin – PDVSA) here enclosed some Spanish links from official sources and others news from the NGOs of this country. Attached also a map of the zone and some photos of the spill and some press releases”

Avanza recolección de crudo

Pdvsa utiliza materiales especiales y personal experto



The links are as follows –

http://www.el-nacional.com/noticias/economia/derrame-petrolero-jusepin-oculto-durante-horas_243342
<http://www.lechuginos.com/detenidos-funcionarios-pdvsa-derrame/>
<http://efectococuyo.com/principales/trabajadores-de-pdvsa-denuncian-secuestro-de-companeros-por-derrame-petrolero-de-jusepin/>
<http://www.eluniversal.com/venezuela/14894/rechazan-detencion-de-trabajadores-tras-derrame-petrolero>
<https://elpitazo.com/oriente/pdvsa-no-precisa-danos-derrame-maturin-se-queda-sin-agua/>
<http://www.petroguia.com/pet/noticias/petr%C3%B3leo-sustentabilidad/pdvsa-reconoce-que-derrame-de-combustibles-en-jusepin-se-debi%C3%B3>
<https://class987fm.com/2018/07/09/controlado-derrame-petrolero-en-jusepin-del-estado-monagas/>

YEMEN: SAUDI TANKER DAMAGED IN HOUTHJI ATTACK OFF YEMEN COAST

July 25 - Saudi shipping group Bahri said on Wednesday that one of its oil tankers had been damaged in the Red Sea. “The VLCC (Very Large Crude Carrier) suffered minor damage and no human injuries or environmental damage have been reported,” Bahri said in a statement without elaborating.#

The Houthis’ Al Masirah TV said earlier on Twitter that it had targeted a warship named the Dammam off the western coast of Yemen. The group later said it had launched a missile attack on the vessel. gCaptain / [Read more](#)

MALAYSIA: OIL SPILL OFF BATU MAUNG CONTAINED



Photo: Hong Kong-flagged cargo vessel Xin Yi Yi after colliding with a shipwreck off Batu Maung. Picture taken on July 26, 2018. — Bernama

July 29 - In the pre-dawn collision last Thursday, the vessel Xin Yi Yi spilled up to six tonnes of diesel and engine oil some three nautical miles from the Batu Maung shoreline. State executive councillor in charge of the environment, Phee Boon Poh, today said the situation was under control. There were fears that the oil spill would damage the ecosystem, as well as the aquaculture farms.

The Sun Daily / [Read more](#)

SWEDEN: GROUNDRO/RO SPILLS FUEL OIL

Photo: Fuel oil recovered from the water after the Makassar Highway spill (Kustbevakningen)

July 30 - The grounded car carrier Makassar Highway refloated unexpectedly off the coast of Valdemarsvik, Sweden last weekend, releasing an unknown quantity of fuel oil from her damaged bunker tanks. Spill response boats have recovered about 1,800 gallons of HFO so far, but not enough to prevent a small amount from reaching shore near the town of Flatvarp and the nearby Torro Nature Reserve.

The Makassar Highway went aground on a rocky shoal off Vastervik, Sweden last week, resulting in

damage to her bow and port side, with water entering two of her tanks. Pär-Åke Eriksson, the coast guard station manager at Vastervik, told Swedish broadcaster SVT that the vessel was making 14 knots prior to the grounding.

The vessel is no longer leaking more fuel into the sea, and it has been removed from the scene. Nearly 90,000 gallons of fuel were on board at the time of the grounding, and salvors will now lighter off the rest of the oil, as originally intended in the government's response plan. Meanwhile, the spill response team is working to clean as much fuel off the surface of the water as possible in order to minimize the environmental damage and cleanup expense of oiled shorelines. The Maritime Executive / [Read more](#)

July 30 - Swedish coast guard works to clean up 14,000-litre oil spill – [Read related report in The Local](#)

August 1 - Grounded Ro/Ro Towed to Harbor at Oskarshamn - After the discovery of serious damage and cracks to the hull of the grounded ro/ro Makassar Highway, the Swedish Coast Guard has permitted an emergency tow to bring the stricken vessel to port at Oskarshamn. With poor weather expected at her current anchorage site and the risk of reduced stability due to the damage, the agency granted the operator's request to remove the ship to a port of refuge. The Maritime Executive / [Read more](#)

EGYPT: ENVIRONMENT MINISTRY: OIL SLICK IN GULF OF SUEZ CONTROLLED

August 2 - The Environment Ministry said that an oil spill spotted in the Gulf of Suez was cleaned up on Thursday.

A report that was referred to Minister of Higher Education and Scientific Research Khaled Abdel Ghaffar said the spill extends over an area of around one kilometer in length and one meter in width. Egypt Today / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

CANADA: NOVA SCOTIA POWER CREWS WORK TO CLEAN OIL SPILL IN HALIFAX HARBOUR

August 2 - Nova Scotia Power says crews are working to clean a small oil leak at the Halifax Harbour. The utility company says the leak Thursday afternoon came from an exterior pipe that runs from storage tanks along the harbour-side of the Dartmouth, N.S., facility into the plant.

Nova Scotia Power spokeswoman Tiffany Chase says plant staff immediately shut off oil flow through the pipe and deployed a boom in the area of the water nearest to the leak. She says contractors have since installed a second, larger boom to contain the oil sheen in front of the plant and a vacuum truck has started clearing the oil.

Chase says Nova Scotia Power and its contractor will continue working on the spill until all of the leaked oil has been cleaned up, including the water in the inlet, shoreline area and soil. The Star Halifax / [Read more](#)

August 3 - Nova Scotia Power says about 5,000 litres of oil spilled into Halifax harbour - About 5,000 litres of oil that spilled into Halifax harbour from a Nova Scotia Power generating station has now been contained.

The utility said 95 per cent of the oil that went into the water was contained in the first boom deployed immediately after the spill. Environmental response crews set up three booms on the water and were using vacuum trucks and absorbent material to remove the oil. The Globe and Mail / [Read more](#) [Thanks to Dr Merv Fingas, Hon.FISCO, Member of ISCO Council for Canada]

JAPAN: SHIP FINANCE INTERNATIONAL VLCC CATCHES FIRE OFF CHIBA

August 6 – The fire started in the engine room of the tanker which was carrying full load of crude oil from Saudi Arabia and waiting for berthing at Chiba. Maritime Safety Agency of Japan sent a firefighting team and managed to put out the fire within about four hours. No casualties or oil spill were reported in the incident. Splash 247 / [Read more](#)

INDIA: ‘TAR BALLS’ SPREAD ALONG SOUTH GUJARAT COAST

August 6 - “Tar balls” or lumps of solidified crude oil found in or on the sea, or washed up on shore, are spreading across the coast of South Gujarat.

It was on Saturday and Sunday that the tar balls had been found on the beaches of Umargam, Nargol and Tithal. On Monday, however, the balls, which were seen in a 20-km area, had expanded to 40-km. According to media reports, the tar balls had been spotted on beaches in neighbouring Daman, and there were chances of it also spreading further to coastal parts of north Maharashtra.

“The crude is most probably from ONGC’s Bombay High oil field. This oil spill will spread and increase in 2-3 days as floating tar balls will be deposited on the coast due to waves and current,” said Brackish Water Research Center, a voluntary organisation working on environment, ecology, fisheries in Gujarat from 2003. Down to Earth / [Read more](#)

USA: IOWA - BP DIESEL SPILL LEAKS INTO CATFISH CREEK, CLEANUP UNDERWAY

August 7 - Cleanup is underway across Dubuque County after a leak from a large diesel storage tank. Authorities said it could take weeks or even months to clean up.

The leak happened at a BP storage facility off Old Highway Road near Peosta. Staff members with the Iowa DNR say BP was able to contain most of the leak, but more than 20,000 gallons may have spilled out into a nearby creek. The leak came from one of the storage tanks, which can hold 2.5 million gallons of diesel at a time.

Tom McCarthy, an environmental specialist with the Iowa DNR, confirmed to TV9 that 20,500 gallons was unaccounted for when they were notified of the spill. KCRG-TV9 / [Read more and watch video](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: COLORADO - REPORT: TRUCK SPILLED HUNDREDS OF GALLONS OF FRACKING FLOWBACK FLUID IN POUDDRE CANYON

August 10 - A report filed Wednesday reveals new details about the fracking truck rollover that spilled hundreds of gallons of toxic waste in the Poudre Canyon, threatening the Poudre River northwest of Fort Collins.

The tanker truck that careened into a fence along Colorado Highway 14 spilled between 5 and 100 barrels of flowback fluid, according to an initial spill report submitted to the Colorado Oil and Gas Conservation Commission. The truck also possibly spilled an unspecified amount of condensate. Coloradoan / [Read more](#)

NETHERLANDS: AFTER SPILL, PORT OF ROTTERDAM REPLACES MILES OF SHORELINE REVETMENTS



August 10 - The Port of Rotterdam announced Thursday that it intends to replace nearly six miles of stone revetments contaminated by the bunker spill from the tanker Bow Jubail. Given the scope of this waterfront construction work, the whole cleanup effort will likely last until next year.

After the spill this June, the initial cleanup focused on sections of infrastructure where contamination restricted shipping. The effort has now turned to the broader area, the port said. Quay walls, jetties, buoys and pilings are decontaminated using high pressure power-washing with cleaning agents, but the loose stones of the port's revetments are soiled on the sides and bottoms, areas that are not easy to reach. In addition, the rubble layer underneath the stones is also contaminated. Power-washing with near-boiling

water was successful in earlier cleanup operations at similar sites, but it has now been more than a month since the spill, and the HFO's volatile components have since evaporated. The heavy oil residue is so difficult to remove that it will be cheaper to simply replace the stone slopes, the port said. The Maritime Executive / [Read more](#)

INDIA: LIGHTERING SET TO BEGIN FOR SSL KOLKATA

August 10 - On Thursday, salvors began preparations to lighter 200 tonnes of fuel off the grounded container ship SSL Kolkata, which caught fire and went adrift on June 13. The Kolkata has been aground off the Sundarbans, an environmentally sensitive mangrove forest on the India-Bangladesh border, for more than one month.

The salvage vessel Smit Borneo has arrived on scene to conduct lightering efforts, and salvors intend to begin fuel removal on Friday. The Borneo transited from Singapore to reach the site, a 20-day voyage, and poor weather in the Bay of Bengal has led to further delays. A spokesman for the salvage effort told The Telegraph India that winds were up to 40 knots during a recent monsoon-season depression, raising large waves and rendering operations difficult. The Maritime Executive / [Read more](#)

USA: NEW YORK - TRAIN WAS HAULING SULFURIC ACID, RADIOACTIVE CONTENT & CONTAMINATED SOIL, SPILLS 4,000 GL DIESEL



August 10 - The Department of Environmental Conservation said the train that derailed Thursday morning had radioactive content on it. That radioactive content was in train cars that stayed upright, and did not spill. The DEC said none of the content spilled into the Delaware River. It also says the spill has since been contained. The train was also carrying cars with sulfuric acid, radioactive soils, and nonradioactive contaminated soil. Thursday evening crews were working along the railroad tracks near Hale Eddy Road. The National Park Service said two locomotives were removed early Thursday afternoon. Employees from the New York Susquehanna and Western Railway say they were in the process of putting together rail ties. They say part of the train destroyed rail ties, making it almost impossible to drive on them. Thursday evening part of the train was able to move to Hancock. The other half is what crews still need to pick up. Residents in the area say they saw the diesel fuel that landed into the Delaware River. "This woman stopped us and showed me some photos of geese up in the river that were covered in oil," said Jolene Smith of Hale Eddy. "So I went up this afternoon and found them a long the edge of the river and they were just covered from head to toe." At the time the train was traveling into Deposit the area was under a state of emergency. Crews with the New York Susquehanna and Western Railway did not wish to speak on camera about this. 12 News did reach out to their office in Cooperstown and were told no one would be available for a comment. 12 News did also reach out to Broome County Executive Jason Garnar for a comment. We have not heard back. Despite the derailment happening in Delaware county 12 News reached out to his office since the train was headed to the Binghamton area and Broome County had declared the state of emergency.

WBNG / [Read more, including incident updates](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: NOAA OR&R – SUMMARY OF INCIDENT RESPONSES FOR JULY 2018

Here is the complete list of last month's incidents, click on the links to find out more:

- [Broken up vessel "Dickey Byrd"](#)
- [Abandon Building Discharge Port Huron, MI](#)
- [SEAPORT CANAVERAL NORTH CARGO PIER 1B](#)
- [F/V LEONA Sinking](#)
- [Grounded Longliner SEA GODDESS](#)
- [MAERSK SHANGHAI Marine Debris](#)
- [Vermillion Block 228 Discharge](#)
- [Hilcorp Pipeline Leak](#)
- [Gambell Fuel Release](#)
- [Sinking Fishing Vessel, LA](#)
- [Mystery Plume in Lake Michigan](#)
- [Subsea Ethylene Glycol release](#)

INCIDENT REPORTS (CONTINUED)

- Romere Pass Crude Oil Spill
- Tug Sea Cypress Grounding
- Submerged Pipe Release, Huron, OH
- FV Pacific Knight
- FV O'letta
- Vessel MAKALII, Niihau, HI
- Fieldwood Energy Platform Mystery Sheen
- NESDIS Mystery Sheen GOM

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

AUSTRALIA: QUICK, HEAVY ROLLING LED TO LOSS OF CONTAINERS FROM YM EFFICIENCY OFF AUSTRALIA, ATSB FINDS



Photo: Collapsed containers are seen on the deck of the YM Efficiency upon its arrival at the Port of Botany on June 6, 2018. Photo: ATSB

July 25 - A short period of quick, heavy rolling in gale-force winds result in the loss 81 containers overboard from the Liberian-flagged containership [YM Efficiency](#) off the coast of Newcastle, New South Wales back in June, the Australian Transport Safety Bureau said in a [preliminary report](#) into the incident.

The rolling was estimated by the ship's master as having reached angles of up to 30° to port and starboard.

In addition to the 81 containers lost, the rolling also resulted in damage to a further 62 containers and structural damage to the ship's gangway, superstructure and lashing bridges, according to the ATSB.

gCaptain / [Read more](#)

BELIZE'S NATIONAL OIL SPILL CONTINGENCY PLAN

August 8 - Belize's National Oil Spill Contingency Plan will soon be finalized. Representatives from various Government and Non-Governmental Organizations, Private Sector, and Academia associated with Disaster Risk Management and Oil Spill Response will meet later this week to validate the National Oil Spill Contingency Plan. The Department of the Environment (DOE) intends to update and align the National Oil Spill Contingency Plan of Belize to meet international standards. The overall objective is to strengthen prevention, preparedness and coordinated emergency response for an oil spill event in terrestrial, aquatic and marine environment, while complying with the Convention on Oil Pollution Preparedness, Response and Co-operation. As part of the final phase in this Consultancy, the DOE is hosting a two day workshop in Belize City to conduct a technical validation of the updated National Oil Spill Contingency Plan. Love FM / [Read more](#)

KOREA: INVESTIGATION FAILS TO PINPOINT CAUSE OF SEWOL FERRY SINKING

A picture of the Sewol capsizing, taken by the Korea Coast Guard on April 16, 2014.

August 9 - The cause of one the worst maritime disasters in South Korea's history is likely to remain a mystery.

This week, an eight-member panel appointed by the South Korean government to investigate the 2014 capsizing and sinking of the Sewol ferry released its findings from the investigation, failing to pinpoint an exact cause.

Instead, the panel concluded that the sinking could have been due to problems with the ship, such as a sudden turn, excessive cargo load, or stability or buoyancy issues created by substandard refurbishing, or external factors, such as collision with a submarine or other unknown objects, Yonhap News reported.



Investigators have said previously that the ferry was structurally unsound, overloaded and traveling too fast on a turn when it capsized on April 16, 2014 off the southwestern tip of South Korea, killing 304 people. gCaptain / [Read more](#)

NIGERIA: MONEY FOR Ogoni CLEAN-UP WON'T BE DIVERTED, FG ASSURES STAKEHOLDERS



Picture: Minister of State for Environment, Ibrahim-Usman-jibril

August 6 - The Federal Government has assured stakeholders and residents of oil impacted Ogoni ethnic nationality of Rivers State that no part of the fund paid for the remediation process would be diverted for any other use.

Minister of State for Environment, who is also the chairman, Governing Council of Hydrocarbon Pollution Remediation Project, HYPREP, Mr Ibrahim Jibril, spoke in Port Harcourt at the 2nd stakeholders meeting on the implementation of the United Nations Environment Programme, UNEP, report on Ogoniland clean-up organised by Federal Ministry of Environment through HYPREP.

Vanguard / [Read more](#)

USA: NOAA OR&R - CELEBRATING THE BIRTH OF A LONG-STANDING PARTNERSHIP: HAPPY 228TH TO OUR FRIENDS AT THE COAST GUARD!

August 3 - As the U.S. Coast Guard prepares to celebrate its 228th birthday, we'd like to show our appreciation to them for all their hard work in helping us fight the threat of marine pollution.

The U.S. Coast Guard and NOAA have a long history of collaboration. While the U.S. Coast Guard continues ahead on a journey to keep our coastal waters clean of marine pollution, NOAA's Office of Response and Restoration is right by their side to provide the scientific support to help them do it.

OR&R's Emergency Response Division (ERD) consists of an interdisciplinary scientific team that responds to oil and chemical spills in U.S. waters and helps the on-scene coordinator make timely operational decisions. The team is headquartered at NOAA's Seattle campus, however, ERD's scientific support coordinators (SSCs), are located around the country throughout the various U.S. Coast Guard District. For each SSC, there is a Coast Guard counterpart (or a team of counterparts) that we work with. NOAA OR&R / [Read more](#)



USA: ENVIRONMENTAL CLEANUP COMPANIES LOOKING FOR 14-HOUR RULE EXEMPTION

August 9 - Four environmental emergency response companies have filed for an exemption from the 14-hour hours of service rule for drivers providing direct assistance in environmental emergencies.

Hepaco, Heritage Environmental Services, Lewis Environmental and Moran Environmental Recovery have approximately 758 CDL holders who would be able to operate under the exemption, if granted. These employees are hybrid driver/operator/technicians whose job duties, in addition to driving, include industrial maintenance, spill response, sampling, lab packing and waste management.

All four companies are members of the Spill Control Association of America (SCAA), whose members are contractually required "to provide direct assistance to responsible parties who are experiencing environmental emergencies or potential environmental emergencies." Overdrive / [Read more](#)

USA: ALASKA - BUILDING PARTNERSHIPS FOR ARCTIC OIL SPILL PREVENTION, RESPONSE

August 9 - As part of Operation Arctic Guardian, personnel from the Coast Guard, the National Oceanic and Atmospheric Administration, Alaska Chadux Corporation, the Alaska Department of Environmental Conservation, Global Diving and Salvage, the Alaska Division of Homeland Security and Environmental Management, the Bethel Native Corporation, and various other state and

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federal entities, attended a yearly seminar that was held at the Alaska Army National Guard Readiness Center in Bethel, Alaska, July 24-26, 2018.

Lt. Cmdr. Jereme Altendorf, a Coast Guard Sector Anchorage contingency planner, said the yearly seminar doubled as a hands-on equipment deployment event to make local governments and industry, as well as interested residents, aware of the federal and state governments' response to oil and chemical spills in the area. DVIDS / [Read more](#)

TECHNICAL SUPPORT

USING FROZEN BARRIERS FOR CONTAINMENT OF CONTAMINANTS

August 2 - Wagner, A.M. and E. Yarmak Jr. ERDC/CRREL TR-17-14, 56 pp, 2017

In the summer of 2011, a full-scale field test of a frozen soil barrier was deployed at the Cold Regions Research and Engineering Laboratory site, Fort Wainwright, Fairbanks, Alaska. Hybrid thermosyphons, a more efficient cooling technology than conventional ground freezing, were used to create the frozen soil. The hybrid units were actively cooled by a 4.5 kw refrigeration condensing unit for 62 d. A vertical frozen barrier of 9 m extending from a depth of 7 m bgs was completed in 42 d, and the barrier was 1 m thick in 48 d. The frozen barrier installation has demonstrated that this technology can freeze the ground quickly. At the end of winter 2012, the barrier was ~3.8 m thick, a thickness maintained throughout the summer of 2012. Only the top 0.5 m thawed even though the cooling system was inactive for about a year. An analysis to compare the cost of frozen barriers and slurry walls concluded that construction and O&M costs of frozen barriers are on par with other barrier systems.

<https://usace.contentdm.oclc.org/digital/api/collection/p266001coll1/id/4480/download>

NEW PRODUCTS & SERVICES

EVERBRIDGE + D4H: THE ULTIMATE WAY TO LAUNCH AND MANAGE INCIDENTS

August 10 - Everbridge and D4H have announced that organizations can now leverage the Everbridge Critical Event Management Platform and D4H Incident Management together. We've combined two of the worlds most powerful technologies to create the ultimate way to launch and manage incidents.

Our two leading solutions now seamlessly integrate, creating a streamlined solution that helps responders communicate, collaborate, and command throughout any situation; ultimately resulting in better outcomes, more efficient responses, and less paperwork.

D4H Technologies / [Read more](#)

PUBLICATIONS

USA: THE TRUE COST OF AN OIL SPILL: Q&A WITH A NOAA ECONOMIST



Photo: The VLCC tanker Amoco Cadiz oil spill. After the ship broke apart, its total cargo of 68.7 million gallons of oil spilled into the sea on the coast of Brittany, France. Image credit: NOAA.

August 10 - Before the [Exxon Valdez](#) oil spill and the Oil Pollution Act of 1990 that followed shortly after, the [Deepwater Port Act of 1974 \(DWPA\)](#) provided guidance for deepwater port structures used for the import and export of oil and natural gas, including conditions to minimize adverse environmental impacts.

This new law resulted in NOAA's Deepwater Ports Project Office — an early predecessor to NOAA's Office of Response and Restoration and the start of OR&R Senior Economist Norman Meade's 43 year career with NOAA.

"There was an increase in public awareness that came from assessing costs and impacts from potential oil spills," Norman said, adding that

in the mid- to late 1970s NOAA had been very innovative in preparing for the potential negative environmental impacts that the rise in big tankers could lead to. Though, he said, it wasn't until the Amoco Cadiz oil spill of 1978 that NOAA had the opportunity for a large-scale damage assessment.

On March 16, 1978, the super tanker Amoco Cadiz ran aground on Portsall Rocks three miles off the northwestern coast of France due to failure of the steering mechanism and stormy weather. The entire cargo — a total of 1,619,048 barrels of oil — spilled into

PUBLICATIONS (CONTINUED)

the sea and polluted approximately 200 miles of the Brittany coastline, a very ecologically and recreationally important region of France.

“That was really the first oil spill that was studied in depth by lots of different disciplines under the rubric of the natural resource impacts,” Norman said. “I was involved with conducting a study of the economic consequences, which NOAA headed up in collaboration with French colleagues. For many of us, that was the first time we were involved in an empirical study of the economic impact of an oil spill.

Since then, the tools and methodologies available have evolved to offer a more in-depth precise estimate of the economic and social impacts of oil spills. [Continue reading this interesting Q&A with NOAA economist Norman Meade:](#)

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

Alga Chronicle	News from Australia on Contaminated Land Remediation	February 2018
AMSA Aboard	News from the Australian Maritime Safety Authority	December 2017
ATRAC Newsletter	News from the Adriatic Training and Research Centre	July 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	April 2018
CROIERG Enews	Canberra & Regions Oil Industry Emergency Response Group	October 2017
EMSA Newsletter	News from the European Maritime Safety Agency	August 2018 issue
EUROWA Newsletter	European Oiled Wildlife Response Assistance Module	October 2017
IMO News Magazine	News from the International Maritime Organization	Summer 2018 issue
IMO Publishing News	New and forthcoming IMO publications	June 2018
Intertanko Weekly News	International news for the oil tanker community	August 10, 2018
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	Q3 2018 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	March-April, 2018
MOIG Newsletter	News from the Mediterranean Oil Industry Group	April 2018 issue
Nautical Institute News	News from the Nautical Institute	June-July, 2018
NOWPAP Quarterly	News from the North West Pacific Action Plan	Quarter 2, 2017
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
Ocean Orbit	Newsletter from the International Tanker Owners Pollution Federation	August 2017
OCIMF Newsletter	News from the Oil Companies International Marine Forum	June 2018
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Spring 2018
PEMSEA E-Updates	Healthy oceans, people and economies in the East Asian Seas	June, 2018
Pollution Online Newsletter	News for pollution prevention & control professionals	August 8, 2018
Safe Seas, Clean Seas	Quarterly Newsletter from Maritime New Zealand	August 2017 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	June 16-30, 2018
Transport Canada Newsletter	News and articles re transport of dangerous goods in Canada	June 2017 issue
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	August 1, 2018

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

EVENTS

UK: OCTOBER 2018 MEETING OF THE IOPC FUNDS' GOVERNING BODIES

August 1 - Invitations and Agendas have now been issued for the next sessions of the IOPC Funds' governing bodies, which will take place from 29 October to 1 November 2018 at the headquarters of the International Maritime Organization (IMO) in London.

A special celebratory session will be held on Tuesday, 30 October to mark the IOPC Funds' 40th anniversary.

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

RESPONSE EVENTS DURING AUGUST 2018

SWEDEN: HELCOM BALEX DELTA 2018 SPILL RECOVERY EXERCISE

Karlskrona Area, August 27-30. BALEX DELTA 2018 is an oil and chemical spill recovery exercise in the Baltic Sea. HELCOM BALEX DELTA exercises have taken place annually for the past 30 years. The exercise will look different from previous years, as it includes rehearsing the response to both oil and chemical spills, as well as a table-top exercise on on-shore and oiled wildlife response. In addition, the program for the observers is more extensive than usual, giving the observers the possibility to follow the exercise closer than ever before. <https://balexdelta2018.helcom.fi/>

If we have omitted to include an event of interest to our community, please let us know.

UPCOMING EVENTS – SEPTEMBER 2018 ONWARDS

COUNTRY	2018	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
NETHERLANDS	Sept. 6	International Oil Spill Experience	Rotterdam
UK	Sept. 12-13	9th Maritime Salvage & Casualty Response	London
UK	Sept. 12-13	Flood Expo	Birmingham
UK	Sept. 12-13	Spill Response Expo	Birmingham
SINGAPORE	Sept. 25-26	Salvage & Wreck Asia	Singapore
USA	October 1-3	Elastec's Annual Oil Spill Response Workshop	Carmi, IL
CANADA	October 2-4	AMOP Tech. Seminar on Environmental Contamination and Response	Victoria, BC
UAE	October 1-3	EI Middle East HSE & Sustainability Forum	Dubai
AUSTRALIA	October 2-4	Ecoforum Conference & Exhibition	Sydney
FRANCE	October 8-12	Sea Tech Week	Brest
UAE	October 9-10	RECSO EnviroSpill Conference & Exhibition	Abu Dhabi
CANADA	October 17-19	Arctic Shipping Forum N. America Conference	Newfoundland
UK	October 22-26	IMO Marine Environment Protection Committee	London
UK	October 22-26	IMO Marine Environment Protection Committee	London
UK	Oct 29 – Nov 1	Meeting of IOPC Funds Governing Bodies	London
TURKEY	Nov. 6-8	Regional Workshop & Oil Spill Exercise	Istanbul
TURKEY	Nov. 7	MOIG General Assembly Meeting	Istanbul
USA	Nov. 13-15	Clean Gulf Conference and Exhibition	New Orleans, LA
PHILIPPINES	Nov. 27-30	East Asia Seas Conference 2018	Iloilo
UK	Dec. 5-6	Salvage & Wreck Removals Conference	London
COUNTRY	2019	TITLE OF EVENT	LOCATION
USA	February 4-7	Gulf of Mexico Oil Spill & Ecosystem Conference	New Orleans, LA
USA	March 26-27	SCAA Annual Meeting & Conference	Arlington, VA
USA	April 16-18	Clean Waterways Conference	Cincinnati, OH
Australia	May 20-24	SPILLCON 2019 Conference and Exhibition	Perth
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

TRAINING

USA: REGISTRATION IS OPEN FOR ELASTEC'S INLAND OIL SPILL WORKSHOP OCTOBER 1 – 3, 2018

An opportunity to learn from oil spill response experts and get hands-on experience with equipment.

[Click here](#) to learn more about Elastec's River Spill Workshop 2018 and register with payment.



Al Allen - Keynote Speaker "An All-Encompassing Spill Response Perspective"& "Oil Spill Response in Cold Climates" With over five decades of experience as a technical advisor and field supervisor involving hundreds of oil spills around the world, Al Allen is an icon in our industry. He devoted his career to developing oil spill containment and recovery technology. He developed three patents for in-situ burn and dispersant application techniques. [Read more about Al Allen](#)



Nic Winslow - Manager of Hazmat Planning for BNSF Railway Company "Inland Swiftwater Spill Response" Nic Winslow is the Manager of Hazmat Planning for BNSF Railway Company. His territory includes a 28 state region located in the central to western US. Mr. Winslow specializes in the prevention, preparedness, emergency response for hazardous materials and environmental incidents. [Read more about Nic Winslow](#)



Joel Hogue - President of Elemental Services and Consulting (ESCO) "Putting Math and Science into Action: The Tactical Elements of Oil Spill Response" Joel is president of Elemental Services and Consulting, Inc. (ESCO). Established in 2003, ESCO develops oil spill Tactical Response Plans – including equipment specification, response tactics and job aid development. ESCO's GeoTactical Response Plans™ provide comprehensive "boots-on-the-ground" tactical protection for specific locations where it matters most. [Read more about Joel Hogue](#)

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