



## ISCO NEWSLETTER

The Newsletter of the International Spill Response Community

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<http://www.spillcontrol.org>



### ISCO & THE ISCO NEWSLETTER

The ISCO Newsletter is published weekly by the International Spill Control Organisation, a not-for-profit organisation supported by members in 45 countries. ISCO has Consultative Status at IMO, Observer Status at IOPC Funds and is 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 IMO, UNEP, EC and other organisation.

### ISCO COMMITTEE & COUNCIL

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The Register of ISCO Members is maintained by **Ms Mary Ann Dalglish** (Membership Director). She is also responsible for collecting membership dues.

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For more info on Executive Committee and Council Members go to [www.spillcontrol.org](http://www.spillcontrol.org)

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[TRAINING PROVIDERS](#)

### International news

For more information on the events featured below, click on the banner



## Oil Spill India 2016

4<sup>th</sup> International Conference & Exhibition

11<sup>th</sup> & 12<sup>th</sup> August 2016,  
JW Marriott, Sahar, Mumbai, India

CONTAMINATION  
EXPO SERIES 2016

12 & 13 OCT 2016  
EXCeL LONDON



### SPILL RESPONSE TACKLED IN NEW CONTRACT



# BIMCO

The International Spill Control Organization ([ISCO](#)) and [BIMCO](#) are working together to develop a standard contract for spill response services. The contract is expected to be published by the end of the year.

The Spill Response Services and Equipment Contract is designed for situations where a spill incident occurs and the ship-owner or other stakeholder (the "requesting party") needs to contract for clean-up services, counter pollution measures, and hire of equipment. Terms and conditions are set out in standard clauses with accompanying annexes for parties to insert detailed descriptions of the required services and rates for personnel and equipment.

Emergency situations require a prompt response. In order to avoid delay the contract envisages that the parties are able to sign it and mobilise the response while negotiations continue on rates and charges. Mobilisation of personnel and equipment can then begin promptly leaving parties to focus on the operation itself.

The specialist drafting committee comprises representatives from BIMCO, ISCO, the International Group of P&I Clubs (IG) and the International Salvage Union (ISU).

During the development process stakeholders such as ITOFF and the IG Pollution Subcommittee's Vessel Response Plan Working Group have been consulted. The next step will be to receive further input on the draft before it is presented to BIMCO's Documentary Committee and the ISCO Committee for approval. Interested contractors and ship-owners can contact BIMCO at [documentary@bimco.org](mailto:documentary@bimco.org) or ISCO at [info@spillcontrol.org](mailto:info@spillcontrol.org) for further information.

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## International news (continued)

### PROTECTING AGAINST MARPOL ANNEX I BREACHES

June 26 - MARPOL Annex 1 represents one of the biggest potentially uninsured liabilities in today's shipping industry. Chris Dyson, a senior partner and marine engineer at Brookes Bell, advises shipowners and operators on the most effective strategy to minimize risk:

MARPOL Annex I is a key regulatory driver supporting the delivery of the shipping industry's sustainability transition. As efforts continue to 'clean up' vessel performance, so too will work to clamp down on polluters.

The majority of the shipping industry strives for compliance. However, as a shipowner or operator, being committed to rejecting intentional MARPOL Annex I breaches may not be enough to avoid prosecution.

This is because, no matter the size of the oil pollution discharge, and regardless of whether it is deliberate, inadvertent, or caused by poor risk management, all instances of oil pollution are liable for prosecution under MARPOL Annex I. In fact, Brookes Bell has seen some instances where a ship owner has been entirely incredulous to non-compliance of a vessel until the breach is discovered, and the culprit is found to be a rogue crewmember.

For shipowners, non-compliance comes with severe consequences, including fines that can reach tens of millions of dollars, further loss of earnings due to vessel time spent off hire and considerable reputational damage.

Furthermore, in the event of prosecution for intentional pollution discharge under MARPOL Annex I, P&I clubs have the option to walk away from the incident, leaving the shipowner exposed to the considerable financial impact of prosecution. In such incidences, prosecution under MARPOL Annex I is potentially one of the most costly uninsured liabilities in today's maritime industry. *The Maritime Executive* [Read more](#)

### OSPAR: PROTECTION AND CONSERVATION OF THE NORTH-EAST ATLANTIC

June 27 - Marine Policy makers from around Europe gathered in Tenerife for the annual meeting of the OSPAR Commission for the protection of the marine environment of the North-East Atlantic.

OSPAR welcomed the finalisation of its latest evaluation of progress towards its Radioactive Substance Strategy. The report shows that, thanks to international cooperation through the Convention, OSPAR Contracting Parties have achieved substantial reductions in discharges from the nuclear sector.

A further key step in protecting the North-East Atlantic was the adoption of measures to protect and conserve a further species and habitat identified by OSPAR as being particularly vulnerable within the North-East Atlantic. The Atlantic Salmon (in cooperation with the North Atlantic Salmon Conservation Organisation) and intertidal mudflats both saw their protection extended.

Following a busy week of discussions OSPAR also announced that 10 new Marine Protected Areas had been added to its network this year bringing the total to 423. OSPAR also furthered the international effort to reduce marine litter with the creation a Fishing for Litter network across the North-East Atlantic which will allow vessels to land waste in any of over 40 harbours involved. Further notable success in the fight against marine litter saw OSPAR agree to tackle sources of micro plastic pollution to the marine environment.

Outgoing Chairman, Mr Victor Escobar (Spain), said that OSPAR delegates should "take time to celebrate the successes of the Commission" before going on to remind delegates that they should "...be proud of the solid foundation of intergovernmental trust and cooperation for which the OSPAR Commission is known". He then reminded delegates that continued cooperation was vital to the health of the North-East Atlantic, but that only by strengthening commitment and developing ambitious visions to protect the marine environment can progress be made. *OSPAR* <http://www.ospar.org/>

### ITOPF ATTENDS PREMIAM CONFERENCE

June 27 - ITOPF was one of the sponsors of the 3rd Premiam Conference on post spill monitoring which took place in London on 22nd June. This event covered the importance of preparedness, co-ordination and the use of best practice science and technology in marine environmental monitoring.

The conference attracted almost 100 delegates and featured a host of speakers from across the public and industry sectors including Cefas, the Maritime and Coastguard Agency, Oil and Gas UK, Natural England, ITOPF, BP, OSRL and others. In her

## International news (continued)

presentation, Nicky Cariglia discussed ITOPF's experience of post spill environmental monitoring from incidents attended around the world, focusing in particular on some of the challenges we have encountered and areas for improvement. *ITOPF* [Read more](#)  
To learn more about PREMIAM, visit <https://www.cefas.co.uk/premium/>

## Incident reports from around the world

### PERU: ANOTHER PIPELINE SPILL



July 1 - Reports just received from ISCO member, Carlos Sagrera, MISCO –“News from Peru concerning the last spill of PetroPeru at the beginning of this week (24th June). It was in the district of Barranca, Datem del Marañon Province, Loreto region, at the Station One of the Norperuano Pipeline and these were about 600 bls of crude oil. Attached some official documents and media news. As you know and it had published in different ISCO Newsletters it is the last of a series of spills in the Peruvian Amazonian in this year and it is clear the poor status of the pipelines there. The spill has caused the resignation of the president of PetroPeru and the new government is considering this endemic situation as a priority with much more pressure of public opinion”

<http://www.indeci.gob.pe/objetos/alerta/MjIwMg==/20160630162246.pdf>

<https://es.mongabay.com/2016/06/exclusivo-nuevas-imagenes-del-derrame-datem-maranon-petroperu/>

<http://gestion.pe/economia/mem-anuncia-renuncia-presidente-petroperu-2164520>

<http://elcomercio.pe/peru/loreto/loreto-derrame-petro-peru-fue-600-barriles-crudo-noticia-1912529>

<http://www.americatv.com.pe/noticias/actualidad/derrame-petroleo-responsables-seran-denunciados-ante-fiscalia-n236999>

<http://www.buhola.com/6/2016/Petroperu-nego-haber-causado-el-derrame-de-petroleo-en-Loreto/577519546d0fc4dd7da1d610>

<http://rpp.pe/peru/loreto/fotos-asi-se-ve-el-derrame-del-oleoducto-norperuano-cerca-al-rio-maranon-noticia-974853/5>

Other reports -

#### June 25 - Peru state energy company reports Amazon oil spill

An oil spill in the Amazon region of Peru was detected on Friday night, state energy company Petroperu said in a statement on Saturday, adding that measures were being taken to fix the ruptured pipeline and to protect the environment. The company said it was investigating the cause of the spill, which took place in the Barranca district of Marañon province. Cleanup efforts were focused on preventing spilled oil from being absorbed into the ground, it said. *Reuters* [Read more](#)

#### June 26 - Oil spill contaminates river in Peruvian Amazon

Peru's state energy company has reported an oil spill in a tributary of Amazon, third major one this year and 21st in last five years, raising fears of yet more pollution of the water and fish on which indigenous villages and riverside communities depend. *Digital Journal* [Read more](#)

#### June 26 - State firm confirms another oil spill in Peru's Amazon

The Petroperu-operated Northern Peruvian Pipeline has suffered the third spill this year in an Amazon jungle region in the northeastern state of Loreto. Canal N first reported a possible spill on Friday when a local resident alerted police about oil contamination in the Barranca district of Loreto's Datem del Marañon province. Petroperu confirmed the spill on Saturday and announced the company was executing its containment and cleanup protocol. *PeruReports.com* [Read more](#)

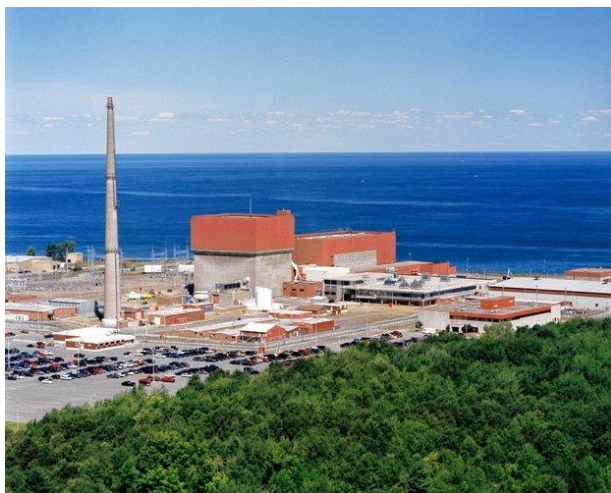
#### June 28 - Repeat Oil Spills Turning Peruvian Amazon into 'Sacrifice Zone' for Big Oil

Less than six months after two horrific oil spills in the Peruvian Amazon devastated Indigenous communities and the local ecosystem, yet another spill in the region has been reported. On Friday afternoon, a leak was discovered in the Northern Peruvian Pipeline—the same pipeline responsible for the earlier spills—that eventually coated over 16,000 square meters of Amazon rainforest in Peru's northeast Loreto region with crude oil, according to OEFA, the country's environmental regulator. *CommonDreams.org* [Read more](#)



## Incident reports from around the world (continued)

### USA: NEW YORK - FITZPATRICK NUKE, THE SOURCE OF LAKE OIL SPILL, SHUT DOWN SUDDENLY FRIDAY



*Photo: The FitzPatrick nuclear plant shut down suddenly Friday after a power failure caused water pumps to shut off. The plant also leaked oil into Lake Ontario over the weekend. (NRC)*

June 27 - The FitzPatrick nuclear plant, the source of a visible oil slick on Lake Ontario, had to be shut down manually Friday after a loss of power caused water pumps to stop working.

The plant remains in cold shutdown today, according to federal regulators.

The problems Friday started when a circuit breaker tripped at 12:15 p.m., according to a report filed with the U.S. Nuclear Regulatory Commission.

A pump in the reactor cooling system also tripped offline, forcing operators to manually shut the reactor down at 12:36 p.m., the report said. [Syracuse.com](#) [Read more](#)

### USA: CALIFORNIA - VENTURA OIL SPILL INVESTIGATION, CLEAN UP EFFORTS CONTINUE

*Photo: VENTURA COUNTY FIRE DEPARTMENT Clean up efforts continue at the site of an oil spill in Ventura, where 30,000 gallons of oil were spilled.*

June 27 - Investigators Monday were still looking for the cause of an oil spill that filled a dry gorge in Ventura on Thursday, as well as working to determine whether or not that crude oil contributed to the deaths of wildlife found in the area, officials said.

The spill from a pipeline operated by Crimson Pipeline originated near Grove Lane and Grove Street in the northwestern part of the city, with nearly 30,000 gallons of unrefined oil traveling about half a mile down the Prince Barranca and Hall Canyon, where it was stopped before it could advance closer to the Pacific Ocean.

Officials said Monday afternoon that nearly 100 workers have used vacuum trucks to recover a significant amount of oil from the gorge. There still was no indication of how long the cleanup would take. [Ventura County Star](#) [Read more](#)



### BELGIUM: PHOTOS: FIRST SECTION OF FLINTERSTAR RAISED



*Image courtesy DEME Group*

The salvage of the wrecked general cargo ship Flinterstar took a long-awaited step forward Tuesday when salvors with Scaldis Salvage & Marine Contractors recovered her bow section using a floating crane.

Weeks of preparatory work – including a challenging effort to remove her cargo of steel beams and plate – preceded the raising. No cutting was required to separate the hull, as it had already broken in two.

“During operations an oil containment vessel was active to capture the small amount of gas oil that was released. After the removal of the water, the bow has been placed on a bespoke pontoon ready

for transport. Following seafastening of the bow section the pontoon will be towed to Ghent to be recycled,” said Marc Voorhuis, Scaldis’ director. [The Maritime Executive](#) [Read more](#)



## USA: GULF OF MEXICO - EXPLOSION SHUTS DOWN BP PIPELINE AND TWO PLATFORMS



At least two oil and natural gas platforms in the Gulf of Mexico have halted production and a gas pipeline was shut after an explosion at an Enterprise Products Partners LP plant that processes fuel in the region.

Enterprise shut the gas-processing plant in Pascagoula, Mississippi, after a fire, which was eventually extinguished around 5 p.m. local time Tuesday, company spokesman Rick Rainey said by e-mail. The Destin pipeline, a joint venture of BP Plc and Enbridge Inc. that sends gas to Enterprise's plant from platforms in the Gulf of Mexico, said it was forced to halt service as the Pascagoula complex remains down for "a full damage assessment." LLOG Exploration shut its Delta House platform. Murphy Oil Corp. closed its Thunder Hawk one

Officials received reports of two explosions at the plant, Earl Etheridge, director of emergency services for Jackson County, Mississippi, said Tuesday by phone. Firefighters were probably going to spray water on equipment to cool it for the rest of the day, he said. [Oil&GasPeople.com](#)  
[Read more](#) [Thanks to ADR Training UK]

## USA: NEW YORK - PHOTOS: SECOND TUG SINKS NEAR TAPPAN ZEE BRIDGE

Images courtesy Palisades Interstate Parkway Police / twitter

July 1 - On Thursday, the small pusher tug Potomac went down near the Tappan Zee Bridge construction site on the Hudson River. It is the second sinking in the vicinity of the bridge so far this year.

Local assets including the Piermont dive team and the county sheriff's department were the first responders. The two crewmembers had already escaped unharmed onto the tug's barge tow by the time rescuers reached the scene.

The vessel's tanks contain 1,500 gallons of diesel, and it is not yet clear whether any pollution has resulted from the incident. Tappan Zee Constructors, the contractor for the new bridge project, has deployed a containment boom around the submerged vessel as a precautionary measure. [The Maritime Executive](#) [Read more](#)



## BANGLADESH: TWO TANKERS COLLIDE AT CHITTAGONG PORT OUTER ANCHORAGE, OIL SPILL UNDER CONTROL



Photo: The coast guards have plugged an oil spill in the outer anchorage of Chittagong port, caused by a collision between two tankers

July 1 - Both tankers – Bengal Spirit-1 and Partex-3 - were pulled onto the beach early on Friday, soon after the crash, said Bangladesh Coast Guard's East Zone Lt Commander Omar Faruk.

He said Bengal Spirit-1 had started spilling diesel in the sea after the accident around 2:45am two nautical miles southwest from the Buoy No. 2 on the outer anchorage.

A Coast Guard patrol team had responded immediately, he said.

After pulling both tankers near the beach, 80,000 litres of diesel were moved from the damaged ship with the help of their vessel 'Touhid', preventing further spill, Lt Commander Faruk said.

[BDNews24.com](#) [Read more](#)

## Incident reports from around the world (continued)

### INDIA: GSPCB COLLECTS WATER SAMPLES TO CHECK OIL SPILL

July 1 - Amid high voltage drama, a team of GSPCB officials headed by senior scientist Jenica Siqueira collected sea water samples from the premises of WISL where the Cruise vessel 'MV QING' hit the sea bed after tilting due to continuous ingress of rain water on June 29.

Passenger vessel MV QING which is grounded at WISL yard and awaits repairs for the last two years also contains huge quantity (over 300 tonnes) of oil and as there is high possibility of spillage, the GSPCB officials decided to conduct site inspection and collect sea water samples from where the vessel has been grounded. The GSPCB team along with the Deputy Collector, Mormugao Gaurish Sankhawalkar and Mormugao Mamlatdar Laxmikant Dessai visited the WISL premises this afternoon.

As a precautionary measure, the Coast Guard has pressed into service its biggest pollution control vessel ICGS Samudra Prahari to handle the situation arising due to oil spillage from MV QING. The vessel was expected to arrive on Thursday evening. "The Vessel is in MPT's premises and thus MPT is coordinating the operations. "Though Indian Coast Guard is not directly involved in this operation, still we are gearing up, if there is any eventuality of oil spillage.

## Other news reports from around the world (countries listed in alphabetical order)

### BRAZIL: ITOPF RUNS POLLUTION RESPONSE WORKSHOP

June 30 - ITOPF was invited by IBAMA (Brazil's Ministry of the Environment) to run a training course for senior-level technical government personnel exploring the management of large-scale environmental incidents.

The course ran from 21-23 June and was hosted by the Directorate of Ports and Coasts (DPC), a department of the Brazilian Navy, with additional participants from Brazilian Institute of the Environment and Renewable Natural Resources (IBAMA) and the National Petroleum Agency (ANP). *ITOPF* [Read more](#)

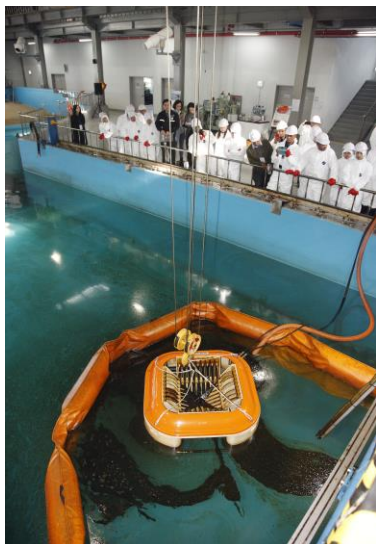
### CANADA: COURT OVERTURNS OTTAWA'S APPROVAL OF NORTHERN GATEWAY PIPELINE

July 1 - Enbridge Inc. and its oil industry partners have seen their faint hope for the Northern Gateway pipeline project dealt a major blow Thursday as the Federal Court of Appeal quashed the permit issued by the federal cabinet two years ago.

The three-justice panel concluded that the former Conservative government failed in its duty to consult First Nations prior to issuing a cabinet order approving the \$7.9-billion pipeline that would deliver 525,000 barrels a day of oil sands crude to the West Coast for export to Pacific markets.

First Nations and environmental groups celebrated the victory Thursday, but Northern Gateway president John Carruthers said the consortium remains committed to the "critical infrastructure project" and would determine next steps. The companies have signed some 31 aboriginal communities along the route to equity agreements but face a wall of opposition among coastal First Nations, who fear a major spill would destroy the marine environment. *The Globe & Mail* [Read more](#)

### KOREA MARINE ENVIRONMENT MANAGEMENT CORPORATION TRANSFERRED MARINE POLLUTION RESPONSE KNOW-HOW TO TRAINEES FROM 10 DEVELOPING COUNTRIES



June 22 - The Korea Marine Environment Management Corporation (KOEM) conducted an oil spill response training program for government officials from developing countries at Marine Environment Training Institute (METI).

Twenty-five trainees from 10 ASEAN countries, including Laos and Brunei, participated in this program.

During the five-day program, participants took courses on the overall process and roles of oil spill response, emergency response planning from the perspective of managers, oil response system, and on-site drills. *KOEM* [Read more](#)

KOEM is carrying out a variety of management projects for the marine environment, including conservation, preservation and restoration of marine ecosystems, addressing climate change, responding to oil spills, and research, development and implantation of new services for green growth.

KOEM aims to develop the capability to respond to marine pollution accidents and to quickly remove spilt oil in an appropriate and scientific manner, thereby minimizing economic loss to the nation and the general public, as well as minimizing the impact on the natural environment.



## LATVIA & LITHUANIA DEMONSTRATE JOINT ONSHORE CAPACITY AT BALEX DELTA 2016.



June 23 - During Balex Delta regional exercise in Klaipeda this week, Latvian and Lithuanian teams worked side by side on the shore. This international dimension of the onshore exercise is a new aspect in HELCOM context and demonstrate how the regional response cooperation in the Baltic Sea evolves.

Laura Mazmaca from the Latvian State Environmental Service is happy about the cross-country cooperation - "Latvia and Lithuania have always been close neighbours but lately especially our onshore

response cooperation has developed. After a joint firefighting operation in the Neringa area in 2012, our firefighting services purchased joint onshore response equipment as a part of an EU project in 2013. In Balex Delta 2016 we can show the benefits of such close cooperation also to the rest of the Baltic Sea region." *HELCOM* [Read the complete text of this article](#)

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## NIGERIA: OIL CLEAN-UP PLEDGE DIVIDES NIGERIANS

June 28 - The Nigerian government has launched an unprecedented \$1bn (£750m) operation to clean up the environmental damage caused by the oil industry, and it will be paid for by the polluters. But will it work? The BBC's Stephanie Hegarty reports from the Niger Delta.

The mangroves that used to stretch across the creeks of Kegbara Dere, Ogoniland, are now dead - their naked, rotten trunks stick out of the water, like skeletons coated in a layer of black.

The experience of what has happened in Bodo, just down the coast from Kogbara Dere, may shed some light on the difficulties ahead. It was once a quiet fishing town but became famous last year when Shell paid out almost \$80m in compensation for two major oil spills.

That money was split between 15,600 local people, with each getting about \$3,000, and the rest was earmarked for the community as a whole, but that has also now been distributed to individuals. It was a huge windfall for people who were until then living hand to mouth. The money physically transformed the town with concrete houses popping up everywhere replacing mud and corrugated tin huts.

It also bitterly divided the community. *BBC News* [Read the complete text of this article by the BBC's Stephanie Hegarty](#)  
[Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

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## PERU: PETROPERU FINED, PRESIDENT OUSTED OVER OIL SPILLS IN AMAZON

June 30 - The Peruvian government dismissed the head of Petroperu, German Velasquez, and fined the state-owned energy company about \$3.5 million after the third oil spill in the Amazon this year from its four-decades-old pipeline.

Energy and Mines Minister Rosa Maria Ortiz said Petroperu had been illegally pumping crude through the 1,106-kilometer (687-mile) pipeline, which was supposed to have been closed for repairs following two spills earlier this year. "That's a serious offense and that's what must be sanctioned," Ortiz said on local broadcaster RPP.

Velasquez, whom Ortiz said formally resigned on Tuesday, declined to comment.

Petroperu denied this week that it had been transporting oil through the pipeline but declined to comment on where the leaked crude in the latest rupture came from. *Reuters* [Read more](#)

## Other news reports from around the world (continued)

### USA: MAJOR BATTLE OVER OIL TERMINAL UNFOLDS IN PACIFIC NORTHWEST

June 25 - Two companies proposing to build what would be the nation's largest oil-by-rail marine terminal along the Columbia River in Washington see it as an opportunity to link domestic crude oil from the Midwest to a West Coast port.

Critics, however, see an environmental and safety catastrophe waiting to happen, especially after a train carrying volatile Bakken crude oil derailed and burned on June 3 in Mosier, Oregon, just 70 miles upriver from the project site in Vancouver, Washington.

The battle over the Tesoro Savage Vancouver Energy terminal — which would handle about 360,000 barrels of crude oil a day — unfolds Monday when the parties make their case for or against the terminal before a state energy panel. *AP* [Read more](#)

### USA: HONOLULU - OAHU WATER UTILITY TO GET UPDATE ON NAVY FUEL LEAK THREAT

June 28 - The U.S. Environmental Protection Agency told Honolulu water utility officials on Monday it has approved three out of four new wells the Navy plans to build to help monitor the threat of leaks from giant fuel storage tanks near Pearl Harbor.

The EPA's Red Hill project coordinator, Bob Palarino, told the Honolulu Board of Water Supply via video conference from San Francisco that the location of the fourth well still needs to be finalized.

The Navy already has 10 monitoring wells around the 70-year-old underground tanks. The tanks, which are 250 feet tall and 100 feet in diameter, sit atop an aquifer that supplies about a quarter of the water consumed in urban Honolulu. This has the utility concerned that fuel from previous or future leaks may contaminate the city's water supply. *Stars & Stripes* [Read more](#)  
[Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

### USA: GULF OF MEXICO - WORLD'S LARGEST SEEP HUNT RAMPS UP

June 29 - Geotechnical service provider Fugro is ramping up operations at the world's largest offshore hydrocarbon seep survey being conducted in the Gulf of Mexico. The survey, planned to cover an area of approximately 625,000 square kilometers (240,000 square miles), is being carried out for Norwegian survey company TGS as part of its industry-funded, multi-client Gigante Survey.

With the 18-month project, TGS aims to create the most comprehensive and newest continuous offshore Mexico dataset, timed to coincide with denationalization of Mexico's oil and gas market, which began in 2014 after a period of seven decades of government control by state-owned Pemex. The survey is designed to assist exploration and production companies in their evaluation of prospects offshore Mexico during forthcoming Deep Water Bid Round scheduled for December 5, 2016. *The Maritime Executive* [Read more](#)

### VIETNAM: FORMOSA ADMITS STEEL MILL SPILL CAUSED FISH DEATHS

June 30 - One of the biggest environmental disasters to hit Vietnam was caused by a unit of a Taiwanese conglomerate leaking toxic waste into the sea, the Hanoi government said on Thursday, ending months of mystery and rare public outrage.

Formosa Ha Tinh Steel, a subsidiary of Formosa Plastics, has promised \$500 million in damages and admitted that its \$10.6 billion steel plant had caused massive fish deaths along a 200-km (124-mile) stretch of coastline that occurred in April, the government said.

The disaster unleashed a huge outcry, with months of public anger on social media and on the streets of big cities. Vietnamese vented their fury at both the government and Formosa, one of the communist country's biggest investors, accusing them of a cover-up. *The Maritime Executive* [Read more](#)

## ISCO News

### ISCO-BIMCO RESPONSE CONTRACT DEVELOPMENT

Due to loss of some historical email records, it would be appreciated if those members who asked for an opportunity to review and comment on the draft document would please re-register their interest by email to [john.mcmurtrie@spillcontrol.org](mailto:john.mcmurtrie@spillcontrol.org)

Some information is given on Page 1 of this week's newsletter but, depending on progress, it could be at least another two months before a draft can be shared more widely. The task being undertaken by the Working Group is not an easy one and it would be counterproductive to release a "work in progress" at this stage.

The next meeting of the WG will be during August but work on the project continues during periods between meetings



## PAUL LATTANZI IS RETIRING FROM THE US COASTGUARD



On July 1st, Paul said a fond farewell to RAC REMPEITC and the island of Curacao. It is the end of his two-year tour and he is retiring from the United States Coast Guard to enter private life and business.

For 21 years, the United States Coast Guard has provided a technical expert to serve as a consultant to RAC REMPEITC. His replacement, Coast Guard Commander Keith Donohue, is already aboard. Keith is pre-eminently qualified to advance the mission of RAC REMPEITC and provide technical expertise to those Caribbean countries seeking to improve their environmental regulatory compliance.

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## NAMEPA'S LEADERSHIP TRANSITION UNDERWAY

June 28 - Co-Founder and Executive Director, Carleen Lyden-Kluss, announced today that effective July 1, the Chairmanship of NAMEPA (North American Marine Environment Protection Association) will pass from Founder Clay Maitland (Managing Partner of International Registries Inc.) to the American Club's Joseph Hughes. Additional transitions include Scorpio's Ole Chr. Schroder will assume the role of Vice Chairman, Joan Bondareff of Blank Rome will become Secretary, and Alaska SeaLife Center's Tara Reimer will become Treasurer. *The Maritime Executive* [Read more](#)

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## ISCO MEMBER, HEATHER PARKER MOVING TO NEW POSITION WITH U.S. NAVY

Heather will be leaving the U.S. Coastguard on 8<sup>th</sup> July to take up a new position with the Navy in Bangor, WA as the NOSC Oil Spills Program Manager for all of Navy N.W.Region. Heather writes "I am sad to be leaving the Coast Guard, I have been very proud to be a part of such an honorable organization and have made many good friends and had some incredible experiences along the way.

Heather has been a member of ISCO since 2012. We wish her all the very best in her new position.

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## NEW TECHNICAL ADVISORS APPOINTED AT ITOPF



July 1 - ITOPF has recruited two new technical advisers to join the team.

Nancy Wong graduated in Biochemistry and holds a PhD in Cellular and Molecular Biology. Prior to joining ITOPF, she worked as a project manager in a global business psychologists firm where she organised and managed worldwide development programmes. She led a team of consultants and coordinated the recruitment and development of executive leaders within the oil and gas, financial, automotive and consumer goods sectors.

Phil Ruck has a BSc (Hons) in Physical Geography and an MSc in Environmental Technology. Before joining ITOPF, Phil spent over four years working for IPIECA, the global oil and gas industry association for environmental and social issues. As part of this role, he was Project Manager for IPIECA's Oil Spill Working Group, an industry forum aiming to improve oil spill preparedness and response around the world by organising capacity building activities and the development of good practice guidance. Phil also worked with IPIECA members on other environmental management issues including biodiversity & ecosystem services and water.

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## MR. ERIK SOLHEIM, UN UNDER-SECRETARY-GENERAL, IS NEW UNEP EXECUTIVE DIRECTOR

*Photo: Mr. Erik Solheim, new UNEP Executive Director, pledges to tackle major environmental issues such as ocean and air pollution, climate change, and nexus between conflict, migration and the environment*

June 27 - Erik Solheim, a former Minister of Environment and International Development in Norway, began his tenure today as Executive Director of the UN Environment Programme, with the concurrent position of UN Under-Secretary-General. Mr. Solheim assumes his new role as chief of the global authority on the environment after three years as head of the Development Assistance Committee (DAC) of the Organization for Economic Cooperation and Development (OECD).



In taking up office, Solheim pledged to work with countries around the world to tackle some of the most pressing environmental challenges of our time, including ocean and air pollution, the destruction of ecosystems, climate change and the relationship between the environment and conflict and migration. He also promised to focus on environment issues close to people, such as damage to human health from air pollution. *REMPEC News* [Read more](#)

## SHORELINE CLEAN-UP – PART 24

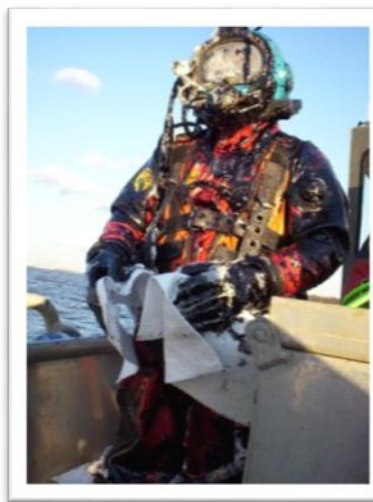
### A series of articles contributed by Mark Francis of Oil Spill Solutions



Mark Francis has been involved with the oil industry since 1975. He attended his first oil spill in 1976, the Tanker Elaine V incident. He became head of response for inland spills within the UK for British Petroleum E & P in 1980 for 10 years responding to well, storage tank and pipeline spills throughout the UK. Over the next 25 years he continued to build his international operations experience and has also specialised in spill response training, delivering IMO and other courses in more than 20 countries.

## Shoreline Clean-up (Continued)

### Sunken oil



Divers were used during a spill of heavy fuel oil from the barge Morris J Berman to remove the oil from the bottom. They used an air lift which is a pipe with compressed air entering near the bottom. Air rises in the pipe causing a reduction in pressure and thus lifting the oil to the surface.

In clear water work can be controlled to lift oil with the minimum possible amount of sediment.

In high sediment water where a diver has visibility of only a few centimeters this type of work is impossible, also in areas with currents in excess of 2 – 3 knots where the force of the current will make it impossible for the diver to remain on location.

If the current is too strong work can only be carried out during slack tide. In some cases this will only allow work for less than 20 minutes in every 6 hours.

The depth of water where the spill occurred is of critical importance.

If decompression operation is necessary a diver will need to be perfectly clean when going into a decompression chamber and breathing in part pure oxygen. We have known since the second world war that grease, oil and oxygen under pressure can explode very readily.

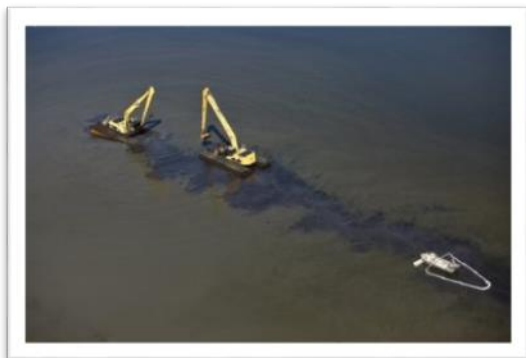
When oil sinks, we have few resources for its removal in this type of environment.

Dredging the bottom is capable of removing contaminated sediment but is not a selective technique and can cause a lot of damage to the biological community that has already been affected by the oil.

A large part of the biological community may be removed together with the sediment, for this reason dredging should generally be avoided.

In sheltered locations contaminated sub-sea environments can take a long time to return to a healthy state. Dredging in such situations may be considered. The contaminated sediment could be removed, enhancing possibilities for recovery and biological repopulation.

Sub-sea deposition of oil created a huge problem along the Lebanese coast after Israel bombed the Jiyeh power plant in the war of 2006 spilling 25,000M<sup>3</sup> of heavy fuel oil.



The photo on left show a dredging operation after the 2013 Kalamazoo River oil spill in Michigan, USA.

*Note from editor – In recent times R&D work has been carried out by the US Coast Guard to evaluate new techniques for sub-sea oil recovery. One example is a manned submarine-mounted suction system developed by Marine Pollution Control in Detroit, USA. Interested readers may also find the following links to API publications useful –*

<http://www.oilspillprevention.org/~media/Oil-Spill-Prevention/spillprevention/r-and-d/inland/sunken-oil-ops-guide.pdf> (large file will take a few minutes to download)

<http://www.oilspillprevention.org/~media/Oil-Spill-Prevention/spillprevention/r-and-d/inland/sunken-oil-technical-report-pp2.pdf>

To be continued in next week's newsletter



## Links for recent issues of other publications (in alphabetical order)

<a href="#">AMSA Aboard</a>	News from the Australian Maritime Safety Authority	June 2016
<a href="#">AMSA On Scene</a>	Australia: National Plan for Marine Environmental Emergencies	March 2016
<a href="#">ASME EED EHS Newsletter</a>	News and commentary on HSE issues from George Holliday	Most recent issue
<a href="#">Bow Wave</a>	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
<a href="#">Cedre Newsletter</a>	News from Cedre in Brittany, France	May 2016
<a href="#">Celtic and Biogenie enGlobe Newsletter</a>	Technical Information on Polluted Site Remediation	Spring 2016
<a href="#">CROIERG Enews</a>	Canberra & Regions Oil Industry Emergency Response Group	Current issue
<a href="#">EMSA Newsletter</a>	News from the European Maritime Safety Agency	June 2016 issue
<a href="#">Environmental Technology Online</a>	Environmental Monitoring, Testing & Analysis	June 2016 issue
<a href="#">IMO News Magazine</a>	News from the International Maritime Organization	No 1, 2016
<a href="#">IMO Publishing News</a>	New and forthcoming IMO publications	June 2016
<a href="#">Intertanko Weekly News</a>	International news for the oil tanker community	July 1, 2016
<a href="#">IPIECA eNews</a>	Int'l Petroleum Industry Environmental Conservation Assoc'n	February 12 issue
<a href="#">JOIFF "The Catalyst"</a>	Int'l Organisation for Industrial Hazard Management	January 2016 issue
<a href="#">MOIG Newsletter</a>	News from the Mediterranean Oil Industry Group	Quarter 1, 2016 issue
<a href="#">NOWPAP Quarterly</a>	News from the North West Pacific Action Plan	Quarter 1, 2016 issue
<a href="#">OCIMF Newsletter</a>	News from the Oil Companies International Marine Forum	June 2016 issue
<a href="#">Pollution Online Newsletter</a>	News for prevention & control professionals	June 29, 2016 issue
<a href="#">Sea Alarm Foundation Newsletter</a>	Oiled wildlife Preparedness and Response news from Sea Alarm	Autumn 2015 issue
<a href="#">Technology Innovation News Survey</a>	News from US EPA – Contaminated site decontamination	May 1-15, 2016
<a href="#">The Essential Hazmat News</a>	Alliance of Hazardous Materials Professionals	Feb 29, 2016 issue
<a href="#">Transport Canada Newsletter</a>	News and articles re transport of dangerous goods in Canada	Winter 2014 issue
<a href="#">USA EPA Tech Direct</a>	Remediation of contaminated soil and groundwater	July 1, 2016
<a href="#">USA EPA Tech News &amp; Trends</a>	Contaminated site clean-up information	Spring 2016 issue
<a href="#">WMU Newsletter</a>	News from the World Maritime University	March 2016 issue

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

## Events

### UPCOMING EVENTS SUMMARY

COUNTRY	2016	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
FRANCE	July 11-12	<a href="#">MARPOCS Project Meeting</a>	Brest
LIBERIA	August 1-4	<a href="#">W'shop on Conting'y Planning &amp; Sensitivity Mapping</a>	Monrovia
NIGERIA	August 2-3	<a href="#">National Workshop on Oil Spill Modelling</a>	Abuja
INDIA	August 11-12	<a href="#">Oil Spill India</a>	Mumbai
SINGAPORE	August 30-31	<a href="#">International Safety at Sea Conference</a>	Singapore
UK	September 7-8	<a href="#">7<sup>th</sup> Maritime Salvage &amp; Casualty Response</a>	London
INDIA	Sept. 12-14	<a href="#">International Rivers Symposium</a>	New Delhi
SINGAPORE	Sept 12-14	<a href="#">Salvage and Wreck Asia</a>	Singapore
NORWAY	Sept 12-16	<a href="#">International NOSCA Oil Spill Technology Seminar</a>	Bodo
SINGAPORE	Sept. 13-15	<a href="#">Salvage &amp; Wreck Asia Conference</a>	Singapore
INDIA	Sept. 22-24	<a href="#">India Clean Seas Conference 2016</a>	Goa
FRANCE	October 10-14	<a href="#">Sea Tech Event 2016</a>	Brest
UK	October 12-13	<a href="#">The Contamination Expo Series 2016</a>	London
UAE	October TBA	<a href="#">EI Middle East HSE Technical Forum</a>	Abu Dhabi
UK	October 18	<a href="#">UK Spill – Spill Science Seminar</a>	Southampton
USA	November 1-3	<a href="#">Clean Gulf 2016</a>	Tampa FL
USA	November 1-4	<a href="#">Emergency Preparedness, Hazmat Response Conf.</a>	Pittsburgh
MALTA	November 2-3	<a href="#">JOIFF Fire &amp; Explosion Hazard Mgmt. Conference</a>	St. Julians
UAE	November 7-10	<a href="#">Abu Dhabi Int'l Petroleum Exhibition &amp; Conference</a>	Abu Dhabi
<b>2017</b>			
USA	May 15-18	<a href="#">International Oil Spill Conference</a>	Long Beach CA
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

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