

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



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ICEBREAKER TESTS OUT OIL SPILL RECOVERY SYSTEM



In this photo taken Thursday Sept. 27, 2018, the Finnish icebreaker Polaris is moored in Helsinki after an oil spill response drill testing an in-built recovery system, a first for an icebreaker. (AP Photo/David Keyton)

October 3 - A Finnish icebreaker has conducted an oil spill response exercise in the Baltic Sea, testing a new, inbuilt oil recovery system — a first for an icebreaker.

The vessel, Polaris, can collect 1,400 cubic meters (49,000 cubic feet) of oil, even in harsh and icy weather conditions.

The Polaris operates mainly in the Baltic but can also reach large parts of the Arctic Ocean during the summer months

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Ocean Cleanup Project's System 001 during sea trials off the coast of California with the Maersk Launcher. Photo: Ocean Cleanup Project

October 3 - The world's first large-scale ocean cleanup system is now headed to the Great Pacific Garbage Patch after successfully completing sea trials off the coast California.

The Ocean Cleanup Project announced Wednesday that its System 001, which departed San Francisco on Sept. 8, is now back in towing configuration and is on its way to the Garbage Patch. The system is being towed by the Maersk Launcher, made available to the project by A.P. Moller-Maersk and DeepGreen, its current charter holder.

System 001 consists of a 600-meter-long (2000 ft) U-shaped floating barrier with a three-meter (10 ft) skirt. It could be the first of 60 systems focused on removing floating plastic debris from Great Pacific Garbage Patch, located some 1,200 nautical miles offshore, over the next two years. gCaptain / [Read more and watch video "The Ocean Clean-Up Technology explained"](#)

EUROPE: SAFEMED IV OIL SPILL POLLUTION RESPONSE EXERCISE

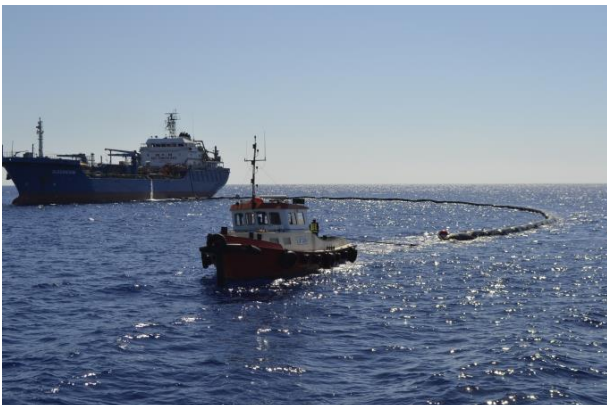


Photo: On the third and last day, the participants sailed toward the exercise area where they assisted in the deployment of the booms in a U-formation and the recovery of the simulated oil spill through M/V Alexandria sweeping arms.

October 2 - The EU funded SAFEMED IV project organized an Oil Spill Pollution Response Exercise in the waters of Cyprus with the EMSA contracted oil spill pollution response stand-by vessel M/V Alexandria. The event was held in Limassol, Cyprus, from the 25 to the 27 September 2018.

The activity was part of Component 4 of the project "Protection of the marine environment" which provides the beneficiaries with operational support in the area of marine environmental protection, among others.

INTERNATIONAL NEWS (CONTINUED)

The highly automated system opens hatches on each side of the vessel from which inflatable oil containment booms are deployed. With the vessel positioned in the path of an oil spill, these booms can trap pollutants, pushing them into hull of the ship. A skimmer with brushes then separates seawater from the oil, which is stored in large tanks.

Polaris' icebreaking capabilities means the vessel can intervene in oil spills in icy waters, but the cold brings another set of problems: oil gets thicker at colder temperatures. So the system is heated, to allow the pumping of oil with very high viscosity.

ABC News / [Read more](#)

AFTER SUCCESSFUL TRIALS, MAERSK LAUNCHER TOWING FIRST OCEAN CLEANUP SYSTEM TO GREAT PACIFIC GARBAGE PATCH



Overall, 17 participants from Algeria, Egypt, Israel, Jordan, Lebanon, Morocco, and Tunisia participated in the exercise.

During the first day, EMSA Project Officers gave a thorough overview of the Agency oil spill pollution response and prevention services. To conclude, the participants were taken to visit the anti-dispersants storage facility in the port of Limassol and then taken on board the M/V Alexandria to examine the pollution response equipment on board. The crew of the vessel engaged with the participants and responded to all their questions and curiosities.

On the second day, the participants sailed towards the exercise area where they assisted in the deployment of the booms in a J-formation and the skimmer in operation. At the end of the day, EMSA delivered a presentation on the mobilization procedures for the ENP Countries.

On the third and last day, the participants sailed toward the exercise area where they assisted to the deployment of the booms in a U-formation and the recovery of the simulated oil spill through M/V Alexandria sweeping arms.

During the exercise, EMSA has witnessed a high level of communication amongst the participants. The activity was well received both in the classroom and in the field. All countries actively discussed with EMSA, the crew on board and the contractor on the various procedures and techniques. This shows how “hands-on” activities have the benefit of showcasing the added value of the project by enhancing, at the same time, cooperation between the beneficiary countries. www.emsa.europa.eu

BONN AGREEMENT MEETS IN PARIS - COMBATING POLLUTION IN THE NORTH SEA AND ITS APPROACHES



Bonn Agreement
Accord de Bonn

September 28 - Marine Policy makers and technical experts from around the North Sea and its Approaches met in Paris for the annual meeting of the Bonn Agreement.

The Bonn Agreement is the mechanism by which the countries around the North Sea and its Approaches, and the European Union work together to help each other in combating pollution in the North Sea Area from maritime disasters and chronic pollution from ships and offshore installations; and to carry out surveillance as an aid to detecting and combating pollution at sea.



The meeting laid the groundwork for the Ministerial meeting to be held in 2019 to celebrate the 50th anniversary of the Bonn Agreement. Progress was made in the proposed expansion of the Bonn Agreement Area to include Bay of Biscay, within Spanish waters and to invite Spain to become a signatory to the Agreement. The meeting also discussed the inclusion of the prevention of air pollution from ships (MARPOL Annex VI) within the work of the Bonn Agreement.

Following a busy week of discussions on the deliverables for the Ministerial meeting in 2019, the Bonn Agreement also announced that it would expand its BE-AWARE project which produced the first area-wide risk assessments of marine pollution in the North Sea, identifying emerging issues and opportunities for improvement. Bonn Agreement / [Read more](#)

OSPAR PRESENTS ITS REGIONAL ACTION PLAN ON MARINE LITTER AT EUROPEAN PARLIAMENT BRIEFING

October 2 - On 27 September OSPAR contributed towards the revision of the EU's proposed new Port Reception Facilities (PRF) Directive by providing an information briefing on the [OSPAR marine litter Regional Action Plan](#) to the European Parliament. The proposed PRF Directive will replace the existing regime and is intended to improve the operation of port waste facilities and facilitate and encourage the discharging of ship-generated garbage at ports. It will include fishing and recreational vessels within its scope as well as including passively fished waste in the waste definition of the Directive. The meeting was hosted by Gesine Meissner MEP, rapporteur for the Transport Committee, and joined by advisors and assistants to the MEPs representing the major political groups in the Committee. The OSPAR team gave a presentation on the work of OSPAR, the 2017 Intermediate Assessment (in particular the results on marine litter), the marine litter Regional Action Plan, and the many links and synergies between OSPAR's work and the scope of the PRF Directive. The aim of the meeting was to help the EP gain a better understanding of the evidence on the prevalence and sources of marine litter and how OSPAR was working to achieve its strategic objective of substantially reducing marine litter in the OSPAR Maritime Area. <https://www.ospar.org/>

DANISH SHIPPING FIRM TESTS RUSSIAN ARCTIC ALTERNATIVE TO SUEZ CANAL ROUTE

Picture: Maersk's new ice-class container vessel, Venta Maersk, arrives at the port of Saint Petersburg, Russia, on September 28, 2018. Olga Maltseva, AFP

September 29 - The "Venta", a Danish container ship loaded with Russian fish and South Korean electronics, arrived Thursday in Saint Petersburg, becoming the first container ship to navigate the northern Arctic as the ice pack melts and recedes.

Maersk's 200 metres, 42,000 tonne ice-class vessel was built to navigate in extreme weather and in waters as cold as -25°C. It embarked on its trial journey on August 23 from the far eastern Russian port of Vladivostok, completing the Arctic route in five weeks with the help of nuclear icebreakers.



Until now, no ship of its size has navigated the full route along the northern Siberian coast. Thanks to global warming and ice melt, the route – once navigable only by small ships and for just a few weeks every summer – is accessible from July to October. Sea ice in the Arctic has shrunk dramatically in just a few decades, losing almost half of its surface area. Even so, the conditions for navigation remain extremely difficult and the need for nuclear icebreakers represents a significant cost for ship owners. To navigate in the Arctic, the ships must also be equipped with a sonar to help avoid icebergs and whales. France 24 / [Read more](#)

INCIDENT REPORTS (IN CHRONOLOGICAL ORDER)

USA: NORTH CAROLINA - FUEL OIL SPILL IN CARRBORO FOULS DITCHES, REACHES CREEK.

September 24 - The pungent odor of a fuel oil spill lingers in a Carrboro neighborhood after last week's heavy rains apparently flooded an underground storage tank. Town workers placed absorbent booms and pads in the ditches later that day to soak up any more fuel oil that may wash off. Herald Sun / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

COSTA RICA: THIEVES DRILL INTO RECOPE PIPELINE TO STEAL FUEL, SPILL ALERTS AUTHORITIES

September 26 - Under the guise of a construction site, a group rented an empty lot and erected a construction perimeter and construction shack with the purpose of pilfering gasoline from the Recope pipeline running through the property. A spill alerted El Coyol de Alajuela area residents and merchants to the strong smell of gasoline, leading police to find some 2,300 liters of fuel stored in plastic tanks. Today Costa Rica / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: MICHIGAN - SHIP LOADED WITH DIESEL, STONE, RUNS AGROUND IN STRAITS OF MACKINAC

September 26 - A tug-barge combination vessel ran aground in the Round Island Passage amid strong winds during the afternoon of Friday September 21st, prompting the US Coast Guard to create a safety zone around it to keep other ships away. The tug was Defiance

INCIDENT REPORTS (CONTINUED)

(IMO 8109761) and the barge Ashtabula. They ran aground in the Straits of Mackinac, between Mackinac Island and Round Island “The vessel departed Cedarville, Michigan and was transiting to its next port of call in Buffington, Indiana when it ran aground. The cause of the grounding is under investigation,” the USCG said.

Early the following morning the water current freed the pair from the clay bottom. The USCG conducted an overflight with a pollution responder on Friday evening and did not identify any signs of pollution. Insurance Marine News / [Read more](#)

TRINIDAD & TOBAGO: OIL SPILL REPORTED IN VISTABELLA; CLEAN-UP OPERATIONS ONGOING

September 29 - An oil spill has been reported in Vistabella. The Environmental Management Authority (EMA) says it received a report at 10 a.m. on Saturday of the presence of oil in a watercourse within the Vistabella area. The environmental body said the source was identified as Petrotrin’s Mossetville Manifold buried high pressure gas and oil line. It said Petrotrin is engaged in clean-up operations and have taken precautions of shutting off the line and deploying booms to ensure that oil will not reach the coast. Loop / [Read more](#)

GREECE: TANKER AND CONTAINER SHIP WITH THE SAME NAME ERATO COLLISION

October 1 - Bunker tanker ERATO collided with anchored container ship ERATO in Piraeus Anchorage in the afternoon Sep 29, understood while mooring alongside for bunkering. Both ships sustained slight damages, but according to local sources, there were no breaches and leak. Fleetmon / [Read more](#)

SAUDI ARABIA: NAVY INTERCEPTS TWO EXPLOSIVES-FILLED DRONE BOATS

October 1 - On Sunday, Saudi Arabia's navy reported that it had destroyed two remote-controlled, explosives-filled vessels that were targeting the port of Jizan (Jazan).

According to Saudi coalition spokesman Col. Turki Al-Maliki, the Saudi Navy detected the boats approaching in series, one at 0450 hours and one at 0505 on Sunday morning. They were under remote control and were rigged with explosives, he reported. Saudi forces intercepted and destroyed the vessels. The Maritime Executive / [Read more](#)

MYANMAR: ABANDONED ‘GHOST SHIP’ SINKS OFF MYANMAR



October 4 - An abandoned ghost ship that drifted into Myanmar’s waters in August has now sunk, officials said Tuesday.

The ship, which has identified as the Indonesian-registered Sam Ratulangi PB 1600, was first spotted abandoned and adrift in late August near the mouth Sittoung River.

gCaptain / [Read more](#)

TAIWAN, CHINA: VIDEO - CARGO SHIP SINKS IN TAIWAN STRAIT

October 4 - The 70-meter cargo ship Ying Hai sank in the Taiwan Strait on Wednesday after it developing a heavy list on a voyage from Kaohsiung city to Busan Korea. The Taiwanese-flagged ship notified Taiwan search and rescue authorities on Tuesday that the ship had developed a list after some containers on deck had shifted in heavy weather. After attempts to tow the vessel failed, all 9 crew members eventually abandoned ship to SAR boats, leaving the vessel adrift. gCaptain / [Read more](#)



INDONESIA: ENGINEER RECOUNTS HOW TSUNAMI BEACHED HIS 500-TONNE SHIP



Photo: Local residents affected by the earthquake and tsunami stand next to the KM Sabuk Nusantara 39 ship stranded on the shore in Wani, Donggala, Central Sulawesi, Indonesia, October 3, 2018. REUTERS/Athit Perawongmetha/File Photo

October 4 - Ship’s engineer Charles Marlan had the unsettling sensation his vessel was being sucked out to sea, the telltale sign of an imminent tsunami, just minutes after a major earthquake struck the Indonesian island of Sulawesi on Friday.

His passenger and cargo vessel, the 500-tonne KM Sabuk Nusantara 39, was docked in Wani, east of the city of Palu, which suffered the brunt of the disaster. The ship was picked up by the tsunami rushing in from the sea and slammed onto land, crashing into a dockside settlement. gCaptain / [Read more](#)

USA: NOAA – SUMMARY OF SEPTEMBER 2018 INCIDENT RESPONSES

This month OR&R responded to 15 incidents, including oil discharges, sunken vessels, and hazardous material releases. During the 2018 fiscal year, OR&R responded to 201 spills — the second highest total in our team’s history and the second year in a row we’ve had more than 200 incidents.

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

- [Port Reading, NJ Diesel Fuel Spill](#)
- [Satellite Report Mystery Spill](#)
- [Hurricane Florence](#)
- [TPIC Well head Leak, Mississippi River Delta](#)
- [Corpus Christi Sinking Vessel](#)
- [LOBO Tank Battery 12, Well 161](#)
- [NECCO Plant: Anhydrous Ammonia](#)
- [T/V Jacob Kyle Rusthoven](#)
- [F/V Captain M&M](#)
- [Vessel Star Suzanna](#)
- [Whale Carcass Trajectory](#)
- [Monarch Granite Point](#)
- [Salt barge MM 619 MS River](#)
- [F-35 Crash Beaufort SC](#)
- [M/V ANNE DAVIS Sinking Lake Ferguson, MS](#)

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

BAHRAIN: VIDEO: MAJOR ACCORD TO TACKLE OIL SPILLS IN BAHRAIN’S TERRITORIAL WATERS



Photo: SCE chief executive Dr Mohammed Bin Daina

October 2 - A key agreement has been signed to provide required personnel and equipment to respond to potentially large oil spills in Bahrain’s territorial waters.

The Supreme Council for Environment (SCE) said that to ensure a timely and effective response to oil spills an agreement was signed with Oil Spill Response Limited (OSRL), the largest international industry-funded co-operative that exists to respond to oil spills.

This was revealed by SCE chief executive Dr Mohammed Bin Daina yesterday during a national workshop that gathered officials and experts in the field at the Wyndham Grand Hotel, Bahrain Bay. [GDN Online / Read more & watch video](#)

GREECE: HELMEPA - ANNUAL VOLUNTARY REFRESHER TRAINING PROGRAM 2018

The purpose of this activity is to complement the training of Greek merchant marine officers in accordance with STCW by providing new information that covers a wide range of topics and developments of maritime legislation at the national and international level.

In 2018, 4 different kinds of Seminars are offered. The first three are two-day seminars scheduled 5 times each, and the fourth is a one-day seminar scheduled 8 times over the year, as follows:

- A. Safety
- B. Pollution Prevention
- C. Marine Environmental Awareness - recognized by the Republic of Cyprus Maritime Authority as per IMO Model Course 1.38
- D. Human Element and Safety

The next Seminar on Pollution Prevention will take place on 9-10 October 2018. [Download the programme](#)

INDONESIA: EARTHQUAKE AND TSUNAMI CAUSE DEATHS AND DESTRUCTION

October 6 - Relief and rescue operations continue in Indonesia after a massive earthquake and tsunami, as time runs out to find survivors one week after the dual disasters struck Sulawesi Island.

According to the Indonesian National Board for Disaster Management on Saturday, the death toll from the quake and tsunami has risen to 1,649.

More than 70,000 homes were destroyed or damaged by the magnitude-7.5 quake that struck on September 28, launching waves as high as six metres that slammed into Sulawesi at 800 km/h. [Al Jazeera / Read more](#)

In another report dated 29th of September – “Oil company Pertamina said its fuel depot at Donggala had been damaged in the incident although there was no oil spill. Fuel tanks had shifted in the quake and ship loading facilities were disabled among other damage. There were no reports of damage to producing oil and gas fields in the area according to the energy ministry”. [The Daily Herald / Read more](#)

MALTA: OIL SPILL DRILL TO BE CARRIED OUT ON WEDNESDAY

October 2 - Transport Malta will be hosting a national pollution response exercise, off Maltese shores, on Wednesday, simulating a large oil spill from a vessel following a collision with another.

The pollution response will involve the European Maritime Safety Agency (EMSA), and several local and international entities, both private and public.

EMSA has made available new equipment from its assistance service arrangement located in Ravenna, Italy. EMSA has never used this set during a real spill; this exercise will provide an opportunity for the operators to get familiar with this equipment and test its deployment at sea. The Times of Malta / [Read more](#)

PERU'S OLDEST AND LARGEST AMAZONIAN OIL FIELD POISED FOR CLEAN UP

October 2 - Nearly half a century after poorly regulated oil producers began dumping billions of litres of wastewater and other toxic substances into the rivers and tropical forests of northern Peru, the government is taking its first steps towards cleaning up the damage in the country's oldest and largest Amazonian oil field.

Government contractors are drawing up plans for the remediation of 32 polluted sites — out of up to 2,000 identified so far — in an oil-producing area known as Block 192. The sites have been listed as priorities by both environmental authorities and local indigenous organizations. Meanwhile, a government-funded study conducted by the United Nations Development Programme (UNDP), and released publicly in August, recommends a more comprehensive remediation strategy based on health risks, along with changes to environmental regulations. Nature / [Read more](#)

SINGAPORE: MULTI-AGENCY OIL SPILL EXERCISE HELD OFF PULAU SEMAKAU



Photo: A skimmer system extracting 'oil' during a simulation exercise in Singapore waters near Pulau Semakau. PHOTO: MARITIME AND PORT AUTHORITY OF SINGAPORE

October 5 - A mock collision and oil spill was staged in Singapore waters near Pulau Semakau in a response exercise on Friday (Oct 5).

More than 250 people from 26 agencies were involved in the exercise led by the Maritime and Port Authority of Singapore (MPA) - the lead agency for maritime emergencies.

An "octopus" skimmer system was deployed for the first time in the biennial exercise, which allows oil to be collected more effectively using brushes that run in multiple directions. A conventional oil skimmer collects oil from one direction. Straits Times / [Read more and watch video](#)

USA: HAWAII - UPON CLOSER INSPECTION, CORROSION MAY BE EATING AWAY AT RED HILL STORAGE TANKS

September 27 - A new study suggests that the Navy's massive Red Hill fuel tanks are in worse shape than initially thought. In 2014, 27,000 gallons leaked from one of the Navy's aging tanks. The Navy recently examined one of the steel tanks that didn't leak. Upon further inspection, officials found corrosion and thinning in seven out of 10 sections that samples were taken from. The 12-inch square samples were taken earlier this year after scans of the tanks, and testing began in June, the Navy previously said. The Sierra Club says the steel lining in some places is about half of what it should be. The reduction in thickness is reportedly due to corrosion. "What we learned today is the Navy's testing reveals the tanks are far more corroded and much thinner than anyone predicted," Marti Townsend of the Sierra Club of Hawaii said. Environmentalists fear that impacts from another leak could be widespread. "They're only 100 feet above the aquifer that serves 400,000 residents and visitor on Oahu. If there is another catastrophic leak, the contamination is permanent." Hawaii News Now / [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: PHMSA AWARDS MORE THAN \$3.8 MILLION TO 11 UNIVERSITIES TO SUPPORT PIPELINE SAFETY TECHNOLOGY RESEARCH

September 28 - Today, the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration's (PHMSA) announced that it is providing a total of \$3,855,575 to 11 universities as part of its Competitive Academic Agreement Program (CAAP) for pipeline safety research and innovation. The awards announced today will go to the University of Alaska Anchorage, Ohio State University, University of Akron, University of Texas at Austin, Colorado School of Mines, Georgia Institute of Technology, Michigan State University, North Dakota State University, Texas A&M, University of Missouri, and the University of Nebraska to spur the development of research projects that could prevent or mitigate pipeline corrosion. PHMSA / [Read more](#)

USA: NEW YORK - NEW STUDY DETAILS OIL SPILL RISKS ON HUDSON RIVER

October 2 - Polluted habitats and beaches spanning from Kingston to New York Harbor... Explosions causing significant human injury and fatalities... Toxic vapors that could pose serious health threats... A new scientific study of oil spill risks on the Hudson River evaluates the potential for disasters like these to occur.

Scenic Hudson commissioned Environmental Research Consulting (ERC), a leading expert in analyzing oil spill impacts and emergency preparedness, to undertake this first-ever Hudson River Oil Spill Risk Assessment (HROSRA). It is intended to provide stakeholders—including federal, state and local officials, spill responders, environmental groups and concerned citizens—with scientific data about the impacts a spill could have on drinking water, critical wildlife habitats, fishing and other recreational opportunities, and waterfront communities. River Journal / [Read more](#)

USA: NOAA OR&R - SEAFOOD SAFETY AFTER AN OIL SPILL

October 3 - When oil spills into coastal waters, both federal and state governments have established protocols to test and monitor seafood safety. When spill response managers determine that seafood may be affected, the next step is to assess whether seafood is tainted or contaminated to levels that could pose a risk to human health through consumption.

According to the U.S. Food and Drug Administration (FDA), there are two ways that oil can cause seafood to be unfit for consumption.

NOAA OR&R / [Continue reading this informative article and find links to other publications about seafood safety](#)

USA: MICHIGAN - SNYDER, ENBRIDGE MAKE DEAL FOR LINE 5 REPLACEMENT TUNNEL



Picture: A diver inspects the Line 5 oil pipelines at the bottom of the Straits of Mackinac in a 2013 dive on behalf of the nonprofit National Wildlife Federation. National Wildlife Federation

October 3 - Canadian oil giant Enbridge Inc. has agreed to pay for construction of a nearly four-mile tunnel beneath the Straits of Mackinac to house a replacement for its controversial Line 5 pipeline, Michigan officials announced Wednesday.

The agreement with Republican Gov. Rick Snyder's administration anticipates construction of a shared "utility corridor" drilled 100 feet into bedrock below the lake bed, a project expected to take seven to 10 years and cost \$350 million to \$500 million.

It hinges on separate negotiations between Enbridge and the Mackinac Bridge Authority that the administration expect to be finalized before Snyder leaves office at the end of the year. The deal involves no taxpayer dollars, an Enbridge spokesman said.

The deal, if completed, would "provide permanent protection for our Great Lakes" by separating the Line 5 oil pipeline from direct contact with the water, said Michigan Department of Environmental Quality Director Heidi Grether. Detroit News / [Read more](#)

USA: ALASKA - PWSRCAC HOSTS RESPONSE TRAINING IN WHITTIER

October 4 - For the Prince William Sound Regional Citizens' Advisory Council oil spill response training at Whittier is a community event. The PWSRCAC invited the whole community to climb aboard a Stan Stephens Cruises vessel on Sept. 25 to observe its fourth annual fishing vessel oil spill response training tour. More than 60 residents, including 25 students from Whittier Community School, accepted the invitation.

Local fish harvesters participating in the training are contracted by SERVS to respond in the event of a Prince William Sound tanker or Valdez Marine Terminal oil spill. In its role as Alyeska Pipeline Service Co.'s oil spill response organization, SERVS coordinates annual oil spill response exercises in multiple Southcentral Alaska towns, including Whittier. The Cordova Times / [Read more](#)

USA: CALIFORNIA - FIELD DEMO OF OIL SPILL MONITORING ROBOT

Photo - The Tethys LRAUV in its launch & recovery system (LARS) on board MBARI's vessel, the R/V Paragon. Image credit: NOAA.

October 5 - Researchers at the Monterey Bay Aquarium Research Institute (MBARI), Woods Hole Oceanographic Institution (WHOI), and University of Alaska's Arctic Domain Awareness Center (ADAC) are developing a small Long-Range Autonomous Underwater Vehicle system (Tethys LRAUV) to detect oil spills in some of the most challenging oceanic environments on the planet, under arctic sea ice.

NOAA OR&R / [Read more](#)



ISCO REPRESENTATION AT IMO MEPC MEETING

ISCO Secretary, Matthew Sommerville and Honorary Member, Dr Douglas Cormack will represent ISCO at the IMO's Marine Environment Protection Committee Meeting being held in London on 22-26 October 2018

MEETING OF THE IOPC FUNDS GOVERNING BODIES

ISCO Secretary, Matthew Sommerville will be attending the meeting of the governing bodies of the International Oil Pollution Compensation Funds being held in London on October 29 - November 1, 2018

ISCO WILL BE AT THE CLEAN GULF CONFERENCE & EXHIBITION

You are invited to visit ISCO at Booth 725 during the Clean Gulf Conference & Exhibition being held in New Orleans on 13-15 November 2018. ISCO President David Usher, Secretary Matthew Sommerville and Membership Director Mary Ann Dalgleish are looking forward to seeing you.

ISCO SECRETARY WILL SPEAK AT OSRW 2018 IN BEIJING, CHINA

ISCO Secretary Matthew Sommerville will be speaking at the 2018 Oil Spill Response Workshop being held in Beijing, China on 6-7 December 2018. It is expected that Mr Li Guobin, Member of ISCO Council for China will be attending and that ISCO will have an exhibition stand at the event. More details later.

NEWS FROM ISCO MEMBERS

CEDRE: CHRISTOPHE ROUSSEAU SETS SAIL FOR A WELL-EARNED RETIREMENT!



In the picture: On the left, Cedre's President François Cuillandre and on the right, Christophe Rousseau

September 28 - Christophe Rousseau, Deputy Director and Operations and QHSE Manager at Cedre, has embarked on retirement.

Cedre's Director Stéphane Doll and President François Cuillandre expressed their gratitude for his long and loyal service devoted to marine spill response.

Sparked by his involvement in clean-up operations in the wake of the Amoco Cadiz spill in 1978, Christophe Rousseau became a resolute advocate for ensuring such a disaster would never strike again. Christophe joined Cedre on 10th September 1979 in the organisation's very early days and was one of the founding leaders who built and maintained this fine vessel! As a man of action and a talented engineer, he has ceaselessly invented novel solutions and sought to uphold Cedre's values and expertise, both locally and across the globe. He has passionately shared his

convictions at countless conferences around the world and organised information in the field of marine spill response, so that it may be shared and widely accessible. In recent years, he has invested considerable time and effort into establishing a Quality, Health, Safety and Environment plan within the organisation, which today has a 50-strong team. His expertise in marine pollution response and incident management is now internationally recognised by the players in this field.

On Friday 28th September, at a large gathering of professionals who had turned out to celebrate the quality of his work, Mr Rousseau was congratulated and warmly thanked by Cedre's President François Cuillandre.

New management staff - Christophe Rousseau will be replaced by Nicolas Tamic, who has joined the management team which has seen numerous changes this year. Alma Chambord was appointed as Administrative and Financial Manager in early June. Gérald Falc'hun is the new QHSE and Purchasing Manager since early April. Finally, Agnese Diverres was recruited as Information Department Manager at the beginning of the summer.

Stéphane Doll and the whole of Cedre's team are preparing for the upcoming challenges and are determined to perpetuate what Mr Rousseau, his first colleagues and all those who followed in their footsteps have succeeded in building over the past 39 years. [Thanks to Agnese Diverres, Cedre]

DESMI ENVIRO-CLEAN CONCEPT IS POSITIVE FOR ENVIRONMENTAL PROTECTION

October 1 – Marine and Aquatic debris is one of the most widespread solvable pollution problems plaguing the world's oceans, rivers, and lakes. Successful management of the problem requires a comprehensive understanding of marine and aquatic environments together with the necessary experience and the correct selection of proven equipment.

DESMI is taking part in combating marine pollution and protecting waters and with our new DESMI EnviRo-Clean concept in operation, we also contribute to the UN Sustainable Development Goals 6,7,11,12,14.

NEWS FROM ISCO MEMBERS (CONTINUED)

DESMI RO-CLEAN has recently signed an agreement with Ministry of Science & Technology (Government of India) for conducting a Proof of Concept (POC) testing of the DESMI EnviRo-Clean's business concept.

The Proof of Concept does not only include the clean-up operations of waterways, but also how the retrieved waste can be used in the best possible way.

At DESMI, we have evaluated various options for use of the marine debris and finally came to the conclusion that we will use a well-known gasification technology to transfer the marine waste into a resource i.e. electricity.

The chain of operations will include marine debris collection equipment, a local retrieval solution, manual sorting on site, drying, shredding and finally processing the waste in the gasifier. The electricity generated from the gasifier will then be supplied to the local site for sustainable operation. [Read more](#)

With operations like this, it is clear how we can attain a circular economy approach and create benefits for DESMI, for our partners and customers.

In coming months, our entire focus will be shifted to making this Proof of Concept a great success and thereafter, showcasing the business operations of DESMI EnviRo-Clean to global authorities.

More on how DESMI contributes to the UN Sustainable Development Goals here: <http://www.sdg-accelerator.org/content/sdg-accelerator/en/home/about/participating-companies/desmi-ro-clean.html>

For more information about products, case stories etc., please visit our new site: <https://www.desmi.com/enviro-clean.aspx>

NIGEL BENNETT OF AQUA-GUARD RECEIVES DISTINGUISHED ALUMNI AWARD



October 4 – The British Columbia Institute of Technology (BCIT) has awarded the 2018 Distinguished Alumni Award to Nigel Bennett of [Aqua-Guard Spill Response Inc.](#)

In 1992, Mr. Bennett co-founded Aqua-Guard Spill Response Inc. The business's mission is to protect water, the world's most precious resource. For over 25 years, the company has designed, fabricated, and supplied marine oil spill response equipment, and provided related services to 3,000+ clients worldwide. Aqua-Guard's patented oil skimming technology has been used to clean up spills from Alaska to the Gulf of Mexico and from Egypt to China. Mr. Bennett and Aqua-Guard have received multiple awards for their innovation, business excellence, and entrepreneurialism. Moreover, Aqua-Guard has consistently garnered positive press from sector journals.

Mr. Bennett has been an active member of MIT's Entrepreneurs Masters' Program for 14 years and of the Entrepreneurs' Organization for 15 years. To raise money and awareness of the plight of homeless youth, he has brought executives with him to sleep on the streets in his home town of Vancouver, Canada.

He has travelled the world with his wife Rieko, their daughter, and their two sons to develop themselves as global citizens. The entire Bennett family supports the efforts of the Pachamama Alliance to inspire people to bring forth a "thriving, just, and sustainable world." As a long-standing volunteer for the YWAM Homes of Hope, he continues to bring his family members as part of his teams of volunteers to Mexico each year to build homes for the homeless.

Mr. Bennett graduated from BCIT in 1985 with a diploma in Mechanical Engineering Technology. In 2018, he published [Take that Leap: Risking it All for What Really Matters](#), recounting his business and personal adventures, and the insights he's gleaned. Mr. Bennett was very well received as the keynote speaker at the BCIT Alumni Association's AGM in June, with 180 attendees.

Whether he's talking with business leaders, not-for-profit groups, or a student audience, Mr. Bennett is committed to positive change. As an active philanthropist, he donates all profit from his book sales and speaking engagements to organizations that support poverty alleviation, human rights, social services, and the environment.

BRIGGS MARINE'S RESPONSE TO KEA TRADER STRANDING



Photo: Kea Trader aground on Durrand Reef (Lomar Shipping)

October 1 – From the Maritime Journal - UK-based Briggs Marine & Environmental Services has provided 'MJ' with details of its emergency environmental response work following stranding of the container ship 'Kea Trader'.

MJ has reported on the fate of Kea Trader since the vessel grounded on a reef near Maré Island in the South Pacific in July 2017. Damage to the ship led to the salvage operation becoming a wreck removal with Ardent Global providing initial response including pollutant removal work and it turned to Briggs Marine for specialist support. Pollution risks came from the 756 containers and 750t of HFO on board and Briggs' response took the form of emergency pollution

NEWS FROM ISCO MEMBERS (CONTINUED)

responders, oil spill advisors and oil containment/recovery equipment mobilised from Aberdeen to New Caledonia. Briggs worked with Ardent, the French Navy, the ship's owners and local authorities in ensuring safe removal of fuel bunkers and recovery of any leaked hydrocarbons.

Several vessels were mobilised by Briggs who trained the crews in: safe operation during spill response; equipment deployment and recovery; pre and post checks on skimmers, powerpacks and pumps and instructions on manoeuvring. Response plans for potential spills were submitted for French government approval who were updated daily along with Ardent and local authorities. The Maritime Journal / [Read the complete text of this article by Peter Barker](https://www.briggsmarine.com/) <https://www.briggsmarine.com/>

PEOPLE IN THE NEWS

IG P&I CLUBS - NEXT CEO CONFIRMED AND NEW CHAIRMAN ANNOUNCED

October 2 - The International Group is very pleased to announce the appointment of Nick Shaw, Global Industry Group Leader at the International law firm Reed Smith, to take up the position of Group Chief Executive Officer as successor to Andrew Bardot following his retirement in July 2019.

Nick has practised in Shipping and Marine Insurance law since 1990, and is a well-known and highly respected leader in these fields.



Throughout his career, he has worked closely with the Group Clubs, and has extensive experience of handling P&I and Defence claims, coupled with high level management experience gained as the Shipping Group Practice leader at the former Richards Butler from 2003-2007 and as Global Industry Group Leader following its merger with global law firm Reed Smith since 2007. Nick's extensive knowledge and experience of the international Shipping industry and the P&I world, coupled with his management and business development skills, make him ideally suited to work with and guide the Group through the challenges which shipowners and their clubs will face in the years ahead.

Nick will join the team at the Group Secretariat in April 2019 and will work alongside Andrew during the handover period.

Group Chairman Hugo Wynn-Williams welcomed the appointment and commented "The Group is delighted to have secured such a strong candidate to take over and build on the considerable progress which the Group Secretariat team under the leadership of Andrew Bardot has achieved over the past 13 years, in particular in raising the effectiveness and wider awareness of the vital role played by the Group and its member clubs in facilitating maritime trade, and in ensuring a sustainable and robust global compensation mechanism to meet the needs of those impacted by Maritime accidents. Nick has a strong background and reputation in the Maritime legal sector, and is very well known to the Group clubs with whom he has worked over many years, and he and the Secretariat team will be very well placed to continue the work to raise levels of awareness and understanding of the collective benefits which the Group system delivers, and to assist the Group in identifying and navigating the challenges in the years ahead."

Nick Shaw added "It's been a terrific 29 years and I'm proud to have been a part of such a talented team of maritime lawyers at Reed Smith and, prior to the merger, Richards Butler. I am now ready for the new and different challenges that await me at the International Group. That said, I realise that with Andrew Bardot's departure I have large shoes to fill."

November 2018 will see the appointment, for a three-year term, of the next International Group chairman, Paul Jennings, CEO of the North of England and a highly regarded and experienced veteran of the club and Group system.

Paul is a very well-known figure in the P&I world, and his considerable knowledge and understanding of the mutual P&I product, and his extensive experience at the Group level, make him ideally placed to continue the drive to enhance and expand the collective benefits delivered by the Group system, and to steer the Group in the changing and challenging times for the industry going forward. <https://www.igpandi.org/>



JOB VACANCIES

ABU DHABI – TWO POSITIONS AT ADNOC LOGISTICS & SERVICES

October 3 – ADNOC Logistics & Services is looking for the following –

- HNS Specialist to establish a response capability for the ADNCO Group. Must be experienced and be able to deliver certified training, coaching and mentoring and lead the response team in the field.
- Oil Spill Response Specialist with an emphasis on contracts, developing the business and a commercial background.

Positions are resident status and direct hire. Full benefits come with the package.

Interested candidates should send CVs to Bruce Pillar rwpillar@adnoc.ae

BUSINESS OPPORTUNITIES

USA: NATIONAL SCIENCE FOUNDATION GRANT OPPORTUNITIES

October 3 - As of August 15, 2018, all core programs in the National Science Foundation's Directorate for Engineering will accept proposals at any time throughout the year.

NSF no longer restricts when an unsolicited proposal can be submitted for consideration to the core programs. In general, proposals should address the novelty or potentially transformative nature of the proposed work compared to previous work in the field.

It is also important to address why the proposed work is important in terms of engineering science while projecting the potential impact of successful research on society and industry.

- **Environmental Engineering:** Funding Opportunity PD-18-1440, 2018. Purpose: Support potentially transformative fundamental research that applies scientific and engineering principles to (1) prevent or minimize solid, liquid, and gaseous discharges of pollution to soil, water, and air; (2) mitigate the ecological and human-health impacts of such releases by smart/adaptive/reactive amendments or manipulation of the environment, and (3) remediate polluted environments through engineered chemical, biological, and/or geo-physical processes. <http://www.grants.gov/web/grants/view-opportunity.html?oppld=305200>
- **Environmental Sustainability:** Funding Opportunity PD-18-7643, 2018. Purpose: Restore ecological function to natural systems; enable life cycle assessment via novel metrics for measuring sustainable systems; and develop innovations in management of storm water, recycling and reuse of drinking water, and other green engineering techniques to support sustainability. <http://www.grants.gov/web/grants/view-opportunity.html?oppld=305202>
- **Biological and Environmental Interactions of Nanoscale Materials:** Funding Opportunity PD-19-1179, 2018. Purpose: Advance fundamental and quantitative understanding of the interactions of nanomaterials and nanosystems with biological and environmental media. <http://www.grants.gov/web/grants/view-opportunity.html?oppld=305194>

RESPONSE EVENTS DURING OCTOBER 2018 (UPDATED)

FRANCE: SEA TECH WEEK

Brest, October 8-12. This year, the main theme is marine bioresources, covering a broad sweep from resource characterisation and production to economic development. The objective: to spotlight all the latest technologies on offer in these different fields of application. [More info](#)

CANADA: ARCTIC SHIPPING FORUM NORTH AMERICA CONFERENCE

St. Johns, Newfoundland, October 17-19. Programme includes management of environmental risks in the Arctic. Conference and networking forum with accompanying exhibition. [More info](#)

CROATIA: HNS WORKSHOP

Rijeka, October 17-18. ATRAC is organizing for the first time a two-day training course on the subject of dealing with spills of hazardous and noxious substances (chemical pollution). The course will be held in co-operation with CEDRE and will cover the general aspects of hazardous and noxious substances, prevention, preparedness and response. [Programme](#) [More info](#)

BRAZIL: NOSCA SEMINAR 2018

Rio de Janeiro, October 22-25. Topics include Cost efficient oil spill contingency by inter-company sharing of resources and equipment – examples from international models and regulation; Early warning and new response methods that allow for more cost-effective oil spill response; Oil spill response in challenging waters; Towards a standardisation of oil spill response strategies? [More info](#)

UK: IMO MARINE ENVIRONMENT PROTECTION COMMITTEE

London, October 22-26. <http://www.imo.org/EN>

UK: MEETING OF IOPC FUNDS GOVERNING BODIES

London, October 29 – November 1. [More info](#)

UK & IRELAND: MEETING OF INTERNATIONAL SPILL ACCREDITATION ASSOCIATION

Hillsborough, Northern Ireland, October 31. Further details from John Dawes – email: johnadawes@btinternet.co.uk

UPCOMING EVENTS – NOVEMBER 2018 ONWARDS (UPDATED)

COUNTRY	2018	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
UAE	Postponed*	RECSO EnviroSpill Conference & Exhibition	Abu Dhabi
TURKEY	Nov. 6-8	Regional Workshop & Oil Spill Exercise	Istanbul
TURKEY	Nov. 7	MOIG General Assembly Meeting	Istanbul
POLAND	Nov. 8	Transboundary Response Exercise	Świnoujście
GUINEA	Nov. 12-15	National w'shop on shoreline response to oil spills	Conakry
OMAN	Nov. 13	Regional Workshop- Pollution Liability & Compensation	Muscat
USA	Nov. 13-15	Clean Gulf Conference and Exhibition	New Orleans, LA
UK	Nov. 21-22	WWEM Water Conference and Water Exhibition	Telford
JAMAICA	Nov. 27	National Workshop on International Liability and Compensation Regime	Kingston
PHILIPPINES	Nov. 27-30	East Asia Seas Conference 2018	Iloilo
UK	Dec. 5-6	Salvage & Wreck Removals Conference	London
GERMANY	Dec. 5-6	13th Arctic Shipping Summit	Hamburg
CHINA	Dec. 6-7	Oil Spill Response Workshop (OSRW 2018)	Beijing
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
CANADA	June 4-6	42 nd AMOP Technical Seminar on Environmental Contamination & Response	Halifax, Nova Scotia
CANADA	June 18-20	Clean Pacific Conference and Exhibition	Vancouver BC
USA	October 28-31	Clean Gulf Conference and Exhibition	New Orleans LA
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

* Event postponed. New dates will be advised ASAP.

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

Alga Chronicle	News from Australia on Contaminated Land Remediation	August 2018
AMSA Aboard	News from the Australian Maritime Safety Authority	December 2017
ATRAC Newsletter	News from the Adriatic Training and Research Centre	Sept. 2018 issue
BIMCO Bulletin	Marine and shipping-related news from BIMCO	Sept. 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	July-August 2018
EMSA Newsletter	News from the European Maritime Safety Agency	September 2018
IMO News Magazine	News from the International Maritime Organization	Autumn 2018 issue
IMO Publishing News	New and forthcoming IMO publications	Aug.-Sept. 2018
Intertanko Weekly News	International news for the oil tanker community	October 5, 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
Navigate Response	Global crisis communications network for shipping & marine	September 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	September 2018
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Spring 2018
PEMSEA E News	Healthy oceans, people and economies in the East Asian Seas	August, 2018
Pollution Online Newsletter	News for pollution prevention & control professionals	October 3, 2018
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	August 16-31, 2018
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	October 1, 2018

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

ABOUT THE ISCO COUNCIL

According to the ISCO Constitution “The ISCO Council is composed of the appointed National Representatives of each country in which there are Members of ISCO. The ISCO Council acts as an advisory and consultative body, assisting the Executive Committee on policy, new initiatives and other matters. Each Member of Council is the primary point of contact between the Membership in the country (or region) represented and the Executive Committee.

The Executive Committee also looks to Members of Council for support in facilitating communications between ISCO and government ministries or agencies, and other national authorities, institutions or bodies in the countries (or regions) represented. Members of Council are expected to promote ISCO’s objectives and to encourage growth of ISCO Membership in their countries”.

Most Members of ISCO Council have full time occupations and are able to give only a very restricted amount of their time in support of the organisation. Because of this, Council Members are limited in what they can do to help but ISCO owes a big debt of gratitude to its Members of Council for their continuing support.

With ISCO’s dependence on membership fees for its funding, recruitment of members is particularly important. Members of the ISCO Committee, ISCO Council and other ISCO Members have all helped in this effort. Over the years individual Members of ISCO Council have helped the organisation in many ways –

- Making recommendations to the Executive Committee on policy and other matters
- Giving practical support to ISCO initiatives that are of benefit to our community
- Acting as a point of contact between ISCO and national authorities
- Organising “in-country” meetings of members
- Helping to grow the organisation by recruiting new members
- Publicising the aims and work of ISCO at national conferences
- Providing member benefits such as discounts on training courses, conference fees, etc.
- Supporting ISCO representation at in-country exhibitions, conferences and forums.
- Representing the organisation at international conferences, IMO and other meetings.
- Contributing to working groups (ISCO, IMO, and others) on projects for improving spill response
- Providing technical articles, case histories, etc. for publication in the ISCO Newsletter
- Sending interesting news reports for inclusion in the ISCO Newsletter

Members of ISCO Council can be found at <http://spillcontrol.org/members/members-of-the-isco-council>

ISCO has members in more than 50 countries but there are still many countries where there is currently no Member of Council. Also, as time passes, we lose Council Members as individuals retire or move on. It would be of great benefit for the organisation to increase the number of Council Members. If you would like to become a Member of ISCO Council here please note that -

- Any member* of ISCO can volunteer to become a Member of ISCO Council
- You can recommend someone else as a new Member of ISCO Council

There are a few rules –

- Under most circumstances only one Member of Council can be appointed for each country
- Appointment of a new Council Member should be approved by a majority of the in-country members and the ISCO Executive Committee
- If more than one individual wishes to represent a particular country, an election will be held amongst the in-country members to decide on the appointment.
- A Member of ISCO Council must maintain his/her status as a paid-up member* of ISCO
- The re-appointment of all Members of the ISCO Council is normally confirmed at the Annual General Meeting unless an objection is raised or a Council Member intimates a wish to stand down

*In this context “member” can mean an Individual Member or a Professional Member or an employee of a Corporate Member or an employee of an Industry Partner

If you would like to propose yourself or someone else as a new Member of ISCO Council please contact the Secretariat at info@spillcontrol.org

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