



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.

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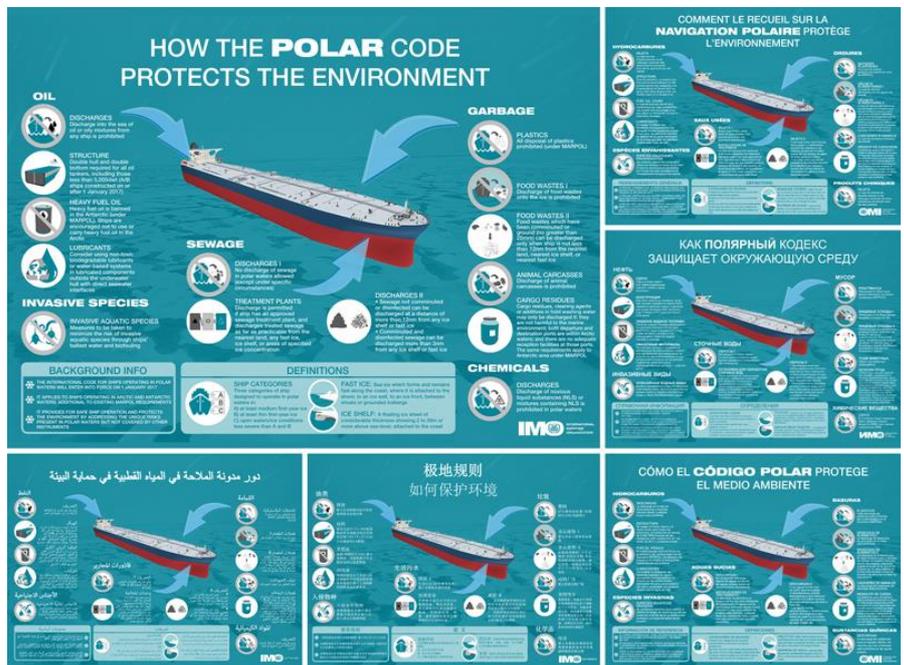
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International news

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



IMO INFOGRAPHIC SHOWS HOW THE POLAR CODE PROTECTS THE ENVIRONMENT



February 15 - A new IMO infographic illustrating "How the Polar Code protects the environment" has been launched today (15 February) in six languages. It depicts the various environmental requirements and recommendations of the

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International news (continued)

Polar Code relating to oil, sewage, garbage, chemicals and invasive species. Download the infographic in: [Arabic](#), [Chinese](#), [English](#), [French](#), [Russian](#) and [Spanish](#). This builds on a previous infographic showing what the Polar Code means for ship safety, available in six languages [here](#).

The International Code for Ships Operating in Polar Waters ([Polar Code](#)) will enter into force on 1 January 2017 and applies to ships operating in Arctic and Antarctic waters. It provides for safe ship operation and protects the environment by addressing the unique risks present in polar waters but not covered by other treaties. <http://www.imo.org/en/MediaCentre/WhatsNew/Pages/default.aspx>

EMSA: LESSONS LEARNED FROM THE ACCIDENT OF MSC FLAMINIA: NEW GUIDELINES FOR SHIPS IN NEED OF ASSISTANCE

January 27 - Today the European Commission presented the new EU operational guidelines for ships in need of assistance. The guidelines have been developed by an expert group composed of Member States' competent authorities, with the input and support of industry stakeholders, following an initiative of the Commission in the aftermath of the MSC Flaminia accident. Commissioner Bulc congratulated the stakeholders for taking part in this joint positive effort, in the interest of maritime safety and environmental protection: "It is a good example of proactive implementation of EU legislation, building on best practices and sharing experience, which is fully in line with President Juncker's strategic approach to Better Regulation"

The EU operational guidelines were drafted to ensure better coordination and exchange of information amongst competent authorities and industry stakeholders involved in the response to an incident concerning a ship in need of assistance, such as the MSC Flaminia in July 2012. While the German-flagged container vessel was in international waters in the Atlantic Ocean, there was an explosion and a fire on board. The MSC Flaminia was severely damaged. Given the volatile situation, the process of deciding where to accommodate the vessel resulted in the ship being finally accommodated in a place of refuge in Germany in September 2012. Source: <http://www.emsa.europa.eu/emsa-homepage/2-news-a-press-centre/news/2633-lessons-learned-from-the-accident-of-msc-flaminia-new-guidelines-for-ships-in-need-of-assistance.html> [View video](#)

ARCTIC THAW OPENS SHIPPING ROUTES, RISKS TO ENVIRONMENT

February 25 - The Arctic is thawing even faster than lawmakers can formulate new rules to prevent the environmental threat of heavy fuel oil pollution from ships plying an increasingly popular trade route.

Average Arctic temperatures are rising twice as fast as elsewhere in the world and the polar ice cap's permanent cover is shrinking at a rate of around 10 percent per decade. By the end of this century, summers in the Arctic could be free of ice.

As the ice melts, traffic of ships carrying cargoes of gas, coal and diesel through the region has increased. Russia, in particular, is keen to expand shipping through the Arctic given its rich natural resources and efforts to cut costs. It aims to cut journey times between Europe and Asia by 30 to 40 percent. *gCaptain* [Read more](#)

BIMCO AND ISCO JOIN FORCES ON OIL SPILL RESPONSE CONTRACT

February 24 - BIMCO and the International Spill Control Organisation, ISCO, began work last week in London on developing a standard contract for the hire of spill response services and equipment. While salvage experts will secure a ship that has become a casualty and prevent pollution or further pollution from occurring, the cleaning-up operation is undertaken by separate contractors. At present, there is no single standard contract for the hire of specialised spill response services and equipment.

Harmonised terms and conditions that are consistent with a shipowners' P&I insurance cover will help speed the process of getting essential spill response equipment on site as soon as possible. *Hellenic Shipping News* [Read more](#) [Thanks to Dan Sheehan Hon.FISCO]

IMAREST'S LONDON HEADQUARTERS HAVE MOVED

IMarEST's London headquarters have moved in February 2016 from Aldgate to 1 Birdcage Walk Westminster London SW1H 9JJ

Incident reports from around the world (listed in chronological order)

NIGERIA: SPDC INTENSIFIES OIL RECOVERY OF FORCADOS SPILL

February 20 - The Shell Petroleum Development Company of Nigeria Limited (SPDC) at the weekend intensified recovery of oil from the 14 February, 2016 spill at the Forcados Terminal export pipeline. The company has also procured relief materials for distribution to communities.

Supported by industry group Clean Nigeria Associates (CNA) and other oil companies, SPDC has deployed specialised equipment to contain the spill. *PM News* [Read more](#)

February 22 - They Don't Care If We Exist - Crude Oil Spill Impacts At Forcados - The mangrove forests were heavily impacted. Dead crabs and fish littered the shoreline at the village. It was a river of oil as far as we could see. The effort to put up a clean-up show for the visiting minister did not quite pan out as they may have expected. *All Africa* [Read more](#)

February 23 - "We'll Blow up More Oil Installations", Group Claims Responsibility for Forcados Explosion; Vows to Cripple Buhari's Govt



Niger Delta Avengers, the militant group which claimed responsibility for blowing up the Forcados Terminal Pipeline in Delta State, recently, has served notice of attacks on more oil installations in the region until the Federal Government addresses its grievances.

The group vowed: "Shell Petroleum Development Company, SPDC, Forcados terminal is our latest casualty. There are many more to follow in the days and weeks ahead." *Igbertv news* [Read more](#)

February 24 - Shell declares force majeure on Forcados oil lifting - Exactly a week after discovering a crude oil spill on water around Forcados Terminal, the Shell Petroleum Development Company of Nigeria Limited has declared force majeure on the lifting of oil from the

terminal. The company, in a statement on Monday, said the force majeure became effective 15:00hrs (3pm), Nigerian time on February 21, 2016, following the disruption in production caused by the spill on the Forcados Terminal subsea crude export pipeline. *BusinessNews.com* [Read more](#)

USA: OIL SPILL PROBED IN NORTHERN WEST VIRGINIA CREEK

February 22 - Environmental regulators are looking into an oil spill in a northern West Virginia creek. Department of Environmental Protection spokeswoman Kelly Gillenwater tells media outlets that heat transfer oil spilled from a MarkWest Energy's Mobley natural gas processing plant in Wetzel County on Saturday morning.

The cause of the spill is under investigation. MarkWest Energy said in a statement that an undetermined amount of oil got into the North Fork of Fishing Creek and that a water plant seven miles downstream in Pine Grove closed its intake and switched to an alternative source for water. The company is testing the water to determine when it will be safe to drink again. *Charleston Gazette-Mail* [Read more](#)

February 23 - MarkWest Continues Response to 3,000 Gallon Chemical Spill in West Virginia - MarkWest Energy Partners LP continued to lead environmental remediation efforts in Wetzel County, WV, on Tuesday, three days after the company discovered that 3,000 gallons of chemicals had leaked from its Mobley Processing Facility.

West Virginia Department of Environmental Protection spokeswoman Kelley Gillenwater said the company called the state's spill line and the National Response Center on Saturday morning to report the release of heat transfer oil, identified as Dowtherm MX, from the Mobley facility in Smithfield, WV -- about 150 miles north of Charleston. While the company initially reported that all of the 10,000 gallons in its system had leaked, it later revised that estimate to 3,000 gallons.

Gillenwater said the chemical was released through a valve that failed and entered storm drains. The fluid was then released from the facility's storm water retention system and made its way into the tributary of a creek. Once the spill was discovered, she said, MarkWest staff closed off the stormwater outlet and stemmed the spill. *NaturalGasIntel.com* [Read more](#)

PERU OIL SPILL POLLUTES AMAZON RIVERS USED BY INDIGENOUS GROUP

February 23 - At least 3,000 barrels of crude oil have been spilled in an Amazonian region after leaks from Peru's main oil pipeline, the state oil company said. The oil has polluted two rivers that at least eight indigenous communities rely on for water, the government and indigenous leaders said.

Incident reports from around the world (continued)

Petroperu has promised a full clean-up and is also providing food and water. The company said the first leak was triggered by a landslide but the cause of the second rupture was unclear.

The oil has poured into the Chiriaco and Morona rivers in northwestern Peru, the government's environment watchdog, OEFA, said.

The spill is affecting the Achuar community and heavy rains have hampered efforts to contain it, local indigenous leader Edwin Montenegro said. [BBC News](#) [Read more](#) [Thanks to Mark Francis FISCO]

February 23 - Water emergency in Peruvian Amazon after 3,000-barrel oil spill contaminates 2 rivers - Peru is in the midst of an emergency as two rivers in the Amazon basin are now contaminated with 3,000 barrels of crude oil after the country's main pipeline burst. There are plenty of villagers relying on this water who have effectively been cut off.

The Health Ministry has declared a water emergency in five districts in the vicinity.

According to state-owned regional Petroperu, there were two separate breaks in January and early February, which have halted transportation of 5-6,000 barrels of crude per day. According to Petroperu president German Velasquez, the first rupture appears to have been caused by a landslide. The cause of the other is still being worked out. [RT.com](#) [Read more](#)



[LatinCorrespondent.com](#) [Read more](#) [Watch video](#)

February 23 - Peruvian Amazon hit by 3rd oil spill in 2 months

After three serious oil spills in the Amazon rainforest since the end of January, Peru's Ministry of Health has declared a 90-day water quality emergency.

All three oil spills occurred at different points along the Northern Peruvian Pipeline, which is operated by the state-owned oil firm Petroperu.

Dates and locations of the three consecutive oil spills in the Peruvian Amazon

- January 25, Bagua province, Amazonas region
- February 3, Datem del Marañon province, Loreto region
- February 17 Jaén province, Cajamarca region

February 25 - Bathing in Crude: Villages Sick After Oil Spill

Photo: Workers, many hired from local villages, clean up some of the 2,000 to 3,000 barrels of oil spilled from a ruptured pipeline in Awajún territory in northern Peru.

After a heavy rain washed a huge oil slick down the Chiriaco River in northern Peru, 12-year-old Elías Taijin Rivera recalls, a man in a pickup truck offered to pay villagers in the Awajún village of Nazareth for any oil they collected along the riverbank.

"We went out in a canoe and scooped oil into buckets," said the boy, who spent most of the day on February 10 filling containers with oil, along with other children, some as young as 7 or 8. [Indian Country Today](#) [Read more](#)



AUSTRALIA: QUEENSLAND - JULIA CREEK ACID SPILL MORE THAN DOUBLE INITIAL ESTIMATES AFTER TRAIN DERAILMENT

February 23 - The amount of sulphuric acid that spilled from a derailed train near Julia Creek in north-west Queensland is more than double what was initially thought, Queensland Rail says.

[The locomotive and all 26 wagons fell off the tracks in December](#), about 20 kilometres east of the outback town, with [initial figures suggesting up to 31,000 litres of sulphuric acid was spilled](#). Incitec Pivot now estimates 80,000 litres spilled when the train derailed. Queensland Rail owns the rail line, Aurizon owns the locomotive, and fertiliser manufacturing company Incitec Pivot (IPL) owns the carriages and the sulphuric acid involved in the spill. [ABC News](#) [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

Incident reports from around the world (continued)

USA: LOUISIANA - COAST GUARD TAKES OVER OIL SPILL CLEANUP IN 17TH STREET CANAL

February 24 - The Coast Guard says it will oversee cleanup efforts of an oil spill in the 17th Street Canal. According to a statement, about 900 gallons of waste lube oil was "discharged" in the canal that divides Orleans and Jefferson parishes.

"Initial reports indicate the discharge was accidental and originated from Delta Petroleum," the Coast Guard said in a statement. The Delta facility is at Airline Highway and Labarre Road.

The Coast Guard said it was notified of the spill at 10:22 a.m. Tuesday (Feb. 23).

The Sewerage and Water Board said the spill happened Sunday and required a cleanup crew to respond Tuesday morning to prevent the oil from going into one of its pumping stations. *The Times-Picayune* [Read more](#)

USA: NEW JERSEY - OIL REMOVED FROM BAYONNE PARK REACHES TENS OF THOUSANDS OF GALLONS, DEP SAYS

February 24 - Workers have collected tens of thousands of gallons of oil from a broken pipeline in a Bayonne park that is still leaking and that is still undergoing repairs, according to the state Department of Environmental Protection.

As of this afternoon, workers have collected 40,688 gallons of an oil/water mixture that is mostly oil, and 26,502 gallons of an oil/water mixture that is mostly water from a section of Halecky-IMTT Park at the east end of 27th Street, DEP spokeswoman Caryn Shinske said.

Workers collected the liquid mostly made up of oil from an excavation area, and they collected the liquid mostly made up of water from the combined sewer system, she said. "The leak is ongoing and the reason for that is the repairs are still going on, and material...is still being vacuumed up and pulled out," Shinske said, adding that it's still not known when the repair work will be completed.

The DEP has identified the oil that has leaked as "Number 2 fuel oil," which is also known as heating oil and is used for "domestic heating or for moderate capacity commercial/industrial burner units," according to the U.S. Energy Information Administration's website. *The Timed-Picayune* [Read more](#)

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

AUSTRALIA: SENATE TO EXAMINE BP'S PLANS TO DRILL FOR OIL IN GREAT AUSTRALIAN BIGHT

February 22 - A Senate inquiry will investigate BP's plans to drill for oil in the Great Australian Bight and examine how a spill could be dealt with.

The company's application to drill four exploratory wells was knocked back last year by National Offshore Petroleum Safety and Environmental Management Authority, but details of why were not made public. BP quickly vowed to reapply. *The Guardian*
Read more

AUSTRALIA: HEAVY VEHICLES / SAFETY / AUSTRALIAN DANGEROUS GOODS CODE

February 23 - The current version of the Australian Dangerous Goods Code is edition 7.4, which is compulsory from 1 January 2017. Until then, either editions 7.3 or 7.4 can be used.

The code is given legal force in each Australian state and territory by each jurisdiction's dangerous goods transport laws. **It is important that the code is read in conjunction with these laws** because they provide important information, including supply chain member duties, licence requirements and competent authority panel powers.

Read more at - <http://www.ntc.gov.au/heavy-vehicles/safety/australian-dangerous-goods-code/> [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

CANADA: SHIPPING COULD REPLACE PIPELINE IN CANADA

February 21 - The Western Canadian province of Alberta is blessed with abundant oil reserves, while an oil refinery located in the Eastern Canadian province of New Brunswick seeks delivery of that oil, via pipeline. However, several mayors of towns and cities located in the province of Quebec oppose the pipeline carrying oil through their towns.

The town of Magog, Quebec, was the site of a tragic derailment involving a train carrying crude oil from Western to Eastern

Other news reports from around the world (continued)

Canada. Perhaps by an extraordinary coincidence, the oil pipeline passes in very close proximity to two former bulk docks on the St Lawrence River.

Both docks are located in the south-eastern region of the province of Ontario and very close to Quebec. One port was owned and operated by Universal Terminals and located directly south of Ottawa, near the town of Morrisburg, while the other dock is located at the Port of Cornwall that still operates as a bulk terminal with underground tanks of calcium chloride. *The Maritime Executive*
[Read more](#)

CANADA: CANADIAN OIL PRODUCTION GROWTH COULD COME TO 'COMPLETE STANDSTILL,' IEA WARNS

February 22 - Canadian oilsands growth is likely to come to a "standstill" after the projects under construction come on stream as heightened environmental concerns, lack of pipeline access and policy changes slow investment, warned the International Energy Agency.

"We are likely to see continued capacity increases (in) the near term, with growth slowing considerably, if not coming to a complete standstill, after the projects under construction are completed," the IEA said in its Medium-Term Oil Market report published Monday. *Financial Post* [Read more](#)

CANADA: BRITISH COLUMBIA - CREATING A PLAN FOR THE NEXT SPILL - SQUAMISH HAS FACED FUEL INCIDENTS IN RECENT YEARS

February 24 - Few events can bring life to a standstill like a fuel or chemical spill. Even small incidents can require enormous money and effort to mitigate the damage. In response, the province is putting together what it calls a new spill regime to guide how it, as well as local partners such as regional and municipal governments, need to tackle spills when they occur on land or in the water. The province is currently seeking input from other levels of government to put together this new plan

In a Dec. 21 letter to the Squamish-Lillooet Regional District, executive director of B.C.'s spills response project Anthony Danks wrote, "British Columbia will be creating a world-class spill response regime to address a wide range of potential land- and marine-based spills. *The Squamish Chief* [Read more](#)

COLOMBIA: COLOMBIAN COURT BANS OIL, GAS AND MINING OPERATIONS IN PARAMOS

February 21 - Colombia's Constitutional Court has ruled against a controversial legal loophole permitting oil, gas and mining operations in the country's paramos - high altitude eco-systems. Colombia's paramos are the most extensive on earth and supply more than 70% of the country's population with water, according to the Bogota-based Alexander von Humboldt Institute.

The loophole is in a June 2015 law implementing Colombia's "National Development Plan 2014-2018." The law prohibits "agricultural activities" and the "exploration for or exploitation of non-renewable natural resources", as well as the "construction of oil and gas refineries", in paramos, but then states that mining operations which have contracts and environmental licenses dating to before 9 February 2010, or oil and gas operations with contracts and licenses dating to before 16 June 2011, are exempted. *The Guardian* [Read more](#)

GREENLAND: GOSR IN ON EU-FUNDED PROJECT FOR THE DEVELOPMENT OF OIL SPILL RESPONSE IN THE ARCTIC

February 22- Greenland Oil Spill Response (GOSR) and international cooperation partners has formed a consortium with the purpose of researching and improving oil spill response in the Arctic. The consortium is assembled by the Finnish Environment Institute SYKE and funded by the EU. The consortium will research in the development of oil spill response methods and the evaluation of their environmental effects in the Arctic. Set to launch in March, the 3.5-year project will involve a total of 13 research institutes and companies from nine different countries.

The project was granted a total of EUR 5.28 million in funding as part of the EU's Horizon 2020 research and innovation programme. GOSR's holdings in the project amounts to 230,000 EUR, which will be used for purchase of equipment for testing and vessel-leasing in Greenland.

"The project will focus on developing, comparing and evaluating the effectiveness and environmental effects of different oil spill response methods in a cold climate. Specifically for Greenland and GOSR the focus will be on in- situ burning and the use of chemical dispersion in cold water." Says GOSR's Managing Director Lonnie Bogø Wilms. *The Arctic Journal* [Read more](#)

KENYA PIPELINE DENIES LINK TO ELDORET OIL SPILL

February 24 - Kenya Pipeline Company has distanced itself from the oil spill affecting water wells in Maili Nne area in Eldoret saying the affected areas are 'too far' from its facilities.

KPC Acting Managing Director Joe Sang said a multi government agency team is currently investigating the spillage to unearth the real source of the product. *All Africa* [Read more](#)

Other news reports from around the world (continued)

NIGERIA: NHRC SETS UP INVESTIGATIVE PANEL ON OIL SPILLAGE

February 23 - The National Human Rights Commission (NHRC) has set up a special investigative panel to look into petitions and complaints of oil spillage and environmental degradation by international oil companies in Nigeria to bring indicted companies to book.

The Executive Secretary of the Commission, Professor Bem Angwe said that along with the findings of the panel, previous reports and recommendations made over environmental degradation in the country would be implemented forthwith. He said clean and healthy environments are rights of Nigerians and any company violating them must be made to pay and will not only be made to answer domestically but also internationally. *Channels Television* [Read more](#)

NIGERIA: THE OIL SPILL DEVASTATION IN OIGONILAND AND THE EFFECTS ON THE PEOPLE



February 25 - The 2012 report of the United Nations Environment Programme on the pollution of Ogoni land remains the most significant confirmation of the devastation caused by oil exploitation in the Niger Delta region.

Despite the urgency in the UNEP recommendations, not much has been done about the cleanup of Ogoni land over four years after, while other equally devastated parts of the Niger Delta have been neglected.

According to reports, it was observed that apart from the farmlands and fishing grounds, the devastation is already having a telling effect on the mangrove forests of the Niger Delta and its eco system.

Many residents in Ogoniland, many of whom are farmers and fishermen have been complaining that they are suffering as a result of the spillage which has destroyed most of their means of livelihood.

President Muhammadu Buhari, had said during his visit to Nairobi, Kenya, that non-clean up of oil spillages in the Niger Delta especially in Ogoniland, was responsible for the militancy the region witnessed in times past. The president consequently vowed to clean up the land by implementing the United Nations Environmental Programme, UNEP's recommendations to save the land. *Africa Independent Television* [Read more](#)

NIGERIA: OIL SPILL: RUPTURED OIL PIPELINE DESTROYS PROPERTY IN DELTA, BAYELSA

February 26 - PROPERTY worth several billions of naira have been destroyed in the oil-rich states of Delta and Bayelsa as a result of spill involving 35,000 barrels of oil from ruptured oil pipelines.

The development which has adversely affected the environment in the two neighbouring states, yesterday, caused the House of Representatives to mandate its Committees on Emergency Management and Disaster to visit the affect areas to ascertain the gravity of the disaster with a view to avoiding future occurrence. The House, in a motion sponsored by Mr. Julius Pondi, representing Burutu federal constituency of Delta State, expressed shock over the huge loss of property worth several billions of naira to the spill. *Vanguard* [Read more](#)

NORWAY FUNDS ARCTIC ENVIRONMENTAL RESEARCH

February 24 - The Norwegian Ministry of Foreign Affairs is providing NOK 14.3 million (\$1.6 million) for a project to reduce environmental risk in connection with oil and gas activities in northern sea areas.

'It is crucial to reduce the effects of human activities on the marine environment in the Arctic. Supporting this project is an important contribution to sustainable development of key natural resources in the Arctic. These resources include petroleum and could offer major opportunities for value creation,' said Minister of Foreign Affairs Børge Brende.

The project will identify measures to reduce environmental risk in the northern sea areas, and the main target group is the petroleum industry. The aim is to develop knowledge, technical solutions and plans that address the specific environmental challenges in Arctic waters. This will also require innovation and international cooperation. The international petroleum industry will be involved in the project as well as various research groups and universities. *The Maritime Executive* [Read more](#)

Other news reports from around the world (continued)

UK: STATUTORY GUIDANCE – NEW LIST OF APPROVED OIL SPILL TREATMENT PRODUCTS

February 12 – Updated list of approved products – Click [HERE](#) to view

USA: AMAZING NEW VIDEO SHOWS DEEPWATER SHIPWRECKS CORRODED BY BP OIL SPILL

February 23 - The disaster responders had to fiddle with the blowout preventer on top of the Macondo well using ROVs, remotely operated vehicles, also known as robotic submarines. Now those ROVs are back in action on behalf of science, and we've got some cool video footage to show you courtesy of the American Geophysical Union and some researchers studying the effects of the BP oil spill on ancient shipwrecks.

These shipwrecks form artificial reefs, just like whale falls. The research indicates that the oil and/or dispersants from the 2010 spill is likely to have had a corrosive effect on these mile-deep wrecks. There are natural reefs in deep water, too, and even deep-water corals. These shipwrecks, though, are special laboratories of sorts -- things that don't exist naturally but are a product of human civilization affecting even the most remote parts of our world. *The Washington Post* [Read more and watch the video](#)
[Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: FINAL PLAN FOR DEEPWATER HORIZON RESTORATION RELEASED

February 23 - The BP Natural Resource Damage Trustees have released a final comprehensive, integrated, ecosystem restoration plan for the Gulf of Mexico following the Deepwater Horizon oil spill.

The Trustees, consisting of the Gulf states and four federal agencies, prepared the plan on how to restore the environment over the next 15 years.

If adopted, the final plan would allocate up to \$8.8 billion allocated for natural resource injuries under a proposed settlement with BP. The Trustees have proposed to accept this settlement, which would resolve BP's liability for natural resource injuries stemming from the spill. *The Maritime Executive* [Read more](#)

USA: FLORIDA - OIL SPILL DOCUMENTARY PREMIERS IN ST. PETERSBURG

February 25 - It's been nearly six years since the disastrous Deepwater Horizon oil spill. A new documentary explores the spill and the researchers who have been looking at its impact. Many of those scientists are from Florida, including a team from USF.

"We were there from day one and really this film exemplifies all the work we've done," says Bill Hogarth, Director of the Florida Institute of Oceanography, a consortium of institutions.

Dispatches from the Gulf is an hour-long documentary voiced by actor Matt Damon. It will have its premier at the Mahaffey Theater in St. Petersburg on Monday, February 29 at 7:00 p.m. The public can attend for free. *WTSP News* [Read more](#)

ISCO news

ISCO WELCOMES NEW PROFESSIONAL MEMBER, OSMAN TARZUMANOV, MISCO

ISCO is pleased to announce that the professional qualifications of Mr Osman Tarzumanov have been assessed by the Membership Committee and in accordance with the rules of the organization he has been elected as a member of the organization.

Mr Tarzumanov is Oil Spill Lead Advisor, Crisis, Continuity Management and Emergency Response, AGT for BP Exploration (Caspian Sea) Ltd. And is based in Baku, Azerbaijan.

JOINT ISCO-BIMCO WORKING GROUP BEGINS WORK ON DEVELOPMENT OF STANDARD INTERNATIONAL CONTRACT FOR RESPONSE TO MAJOR SPILL EVENTS

Good progress was made at the first meeting of this new Working Group held in London on Thursday 18th February 2016. Members of the Working Group (WG) were -

ISCO - Committee Members David Usher (ISCO President), John McMurtrie (ISCO Secretary), Captain Bill Boyle MNI, FISCO (General Manager, Briggs Marine Environmental Services), Lord Peter Simon Rickaby, FIMarEST. FISCO, (Managing Director, Braemar Howells Ltd.); also Dr Douglas Cormack, Hon.FISCO and Charles Usher (President, Marine Pollution Control Corp.)

BIMCO – Grant Hunter MSc (Econ), (Chief Officer Legal and Contractual Affairs, BIMCO), Pernille Kæravad Jacobsen LLM (Senior Legal and Contractual Affairs Officer), Donald Chard FICS, FCI Arb (Legal and Contractual Affairs Consultant), Tony Paulson (Director, West of England P&I Club), Catherine Grey (International Group of P&I Clubs). The Working Group was chaired by Tony Paulson.

The next meeting of the WG will be held on Wednesday 30th March 2016.

SHORELINE CLEAN-UP – PART 7

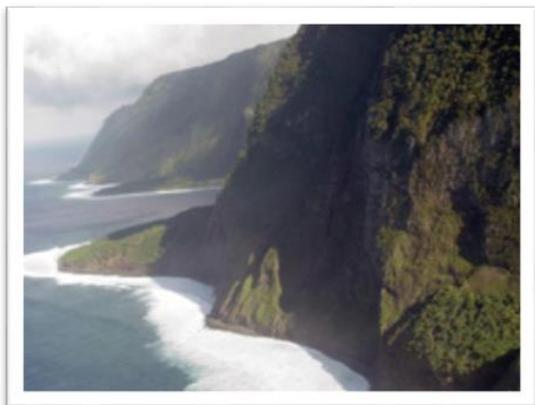
A short series of articles contributed by Mark Francis of Oil Spill Solutions



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 Types

Cliffs



These formations have taken millennia to construct and are often subject to high wave action.

Cliffs are very dangerous places to put human beings to work, especially during certain months.

When there is wave action the reflective wave in many cases will keep a slick some meters for impacting the cliffs, they also tend to be wet due to the wave so if there is contact with oil it does not tend to stick to the rock.

Great care needs to be taken from a safety point of view, information such as weather forecasts, tidal variations, etc. need to be known before these areas are approached.

This is one place where the supervision has to be done above the team of workers so that an overall view can be gained.

There is a real danger of people being stranded with a rising tide.

Supervisors that are with the group can often make the same mistakes as the group because of the lack of overall vision.



Note: Cleaning vertical cliffs will be a dangerous operation and should be confined to periods of calm weather and seas.

Further complications can arise in areas of substantial tidal movements.

Two or more boats should work in tandem or, if single boats are deployed, under shore supervision.

Due to the nature of the area experienced rock climbers have been used as this was the safest way to operate.

With the experience of many responses over the years on different shorelines with different oils.

Various tables have been put together showing what works well, more or less and not at all; Colour code key Green works well, Orange works but not as good as green and red is not recommended but may work in some circumstances.

 Response Cliffs	Light	Medium	Heavy
			
Natural Recovery			
Water Flooding			
Cold water – Low pressure			
Manual Clean up			
Absorbents			

Special feature (continued)

Consult local ecologists about whether clean-up is necessary at all, and what the disadvantages of a leave alone action would be. If clean-up is necessary:

What to do:

- Hose affected areas with preferable heated water or high pressure water jets.

What not to do:

- Avoid abrasion of rock surface
- Avoid disturbing nesting birds on cliff faces

To be continued in next week's newsletter

Note from Editor: This article was originally created for training course purposes. Having contributed the article for publication in the ISCO Newsletter, Mark Francis wishes to acknowledge here sources that provided information that he used in compiling this and future episodes in this series. In the sections dealing with shoreline types, the do's and don'ts were taken from Concawe report no. 9/81 Field Guide to Coastal Oil Spill Control and Clean-up Techniques and the tables are based on some found in the Field Guide for Oil Spill Response in Arctic Waters prepared for the Emergency Prevention, Preparedness and Response Group 1998.

Publications

REMPEC: POSOW INTRODUCTION VIDEO RELEASED

February 16 - The POSOW introduction video has been released, and is now accessible on the following [link](#). It provides background information on both POSOW I and POSOW II projects, the partners, the objectives, the deliverables and the achievements.

Preparedness for Oil-polluted Shoreline cleanup and Oiled Wildlife interventions (POSOW) is a project co-financed by the EU under the Civil Protection Financial instrument developed in cooperation with ISPRA, Cedre, Sea Alarm and CPMR and coordinated by REMPEC the regional Centre of the Barcelona Convention.

You can find out more about POSOW at the link <http://www.posow.org/> and a Power Point presentation on the POSOW project can be found at -

<https://view.officeapps.live.com/op/view.aspx?src=http%3A%2F%2Fec.europa.eu%2Fecho%2Ffiles%2Ffunding%2Fprojects%2FPOSOW.ppt>

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

ASME EED EHS Newsletter	News and commentary on HSE issues from George Holliday	Most recent issue
Bow Wave	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
Cedre Newsletter	News from Cedre in Brittany, France	January 2016
Celtic Biogenie enGlobe Newsletter	Latest Remediation and related technology news	Autumn 2015 issue
CROIERG Enews	Canberra & Regions Oil Industry Emergency Response Group	Current issue
EMSA Newsletter	News from the European Maritime Safety Agency	February 2016 issue
Environmental Technology Online	Environmental Monitoring, Testing & Analysis	February 2016 issue
IMO News Magazine	News from the International Maritime Organization	No 4, 2015
IMO Publishing News	New and forthcoming IMO publications	February 2016
Intertanko Weekly News	International news for the oil tanker community	No 9, 2016
IPIECA eNews	Int'l Petroleum Industry Environmental Conservation Assoc'n	February 12 issue
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	January 2016 issue
MOIG Newsletter	News from the Mediterranean Oil Industry Group	January 2016 issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	February 2016 issue
Pollution Online Newsletter	News for prevention & control professionals	February 24 issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Autumn 2015 issue
SAC News	Oil spill related and other news from Alaska	Dec.11 issue 2015
Technology Innovation News Survey	From US EPA – Contaminated site decontamination	January 1-15, 2016
The Essential Hazmat News	Alliance of Hazardous Materials Professionals	December 28 issue
Transport Canada Newsletter	News and articles re transport of dangerous goods in Canada	Winter 2014 issue
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	February 1, 2016
USA EPA Tech News & Trends	Contaminated site clean-up information	Fall 2015 issue
WMU Newsletter	News from the World Maritime University	December 2015 issue

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

UPCOMING EVENTS SUMMARY

COUNTRY	2016	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
UK	Mar 15-17	Oceanology International	London
CANADA	Mar 17-18	Workshop on HNS Convention	Montreal
SAO TOME	Mar 21-24	National Workshop on Contingency Planning	Sao Tome
AUSTRALIA	Mar 22-23	2nd Dangerous Goods Conference	Perth
CANADA	Mar 23-24	8th Arctic Shipping Summit	Montreal
NIGERIA	Mar 29-31	Clean Niger Delta Conference	Abuja
USA	April 5-7	2016 SCAA Annual Meeting & Conference	Washington
JAPAN	April 7-8	NOWPAP 14th CEARAC Focal Points Meeting	Toyama
NORWAY	April 11-13	SPE HSSE&SR Conference and Exhibition	Stavanger
GUINEA	April 12-15	National Workshop on Contingency Planning	Conakry
UK	April 18-22	IMO Marine Environment Protection Committee	London
UK N. Ireland	April 19-21	ISAA Training Days 2016	Enniskillen
FRANCE	April 20	CEDRE Information Day – Volunteers in OSR	Paris
UK	April 26	UK Spill Meeting, Dinner and Annual Awards	London
USA	April 27	Oil Train Safety Symposium	Washington
USA	April 27-29	APICOM Spring Meeting	Galveston, TX
AUSTRALIA	May 2-6	Spillcon 2016	Perth, WA
CABO VERDE	May 9-12	National Workshop on Contingency Planning	Praia
CROATIA	May 10-15	ADRIASPILLCON 2016	Opatija
UAE	May 17-18	Offshore Arabia Conference & Exhibition	Dubai
RUSSIA	May 18-20	13th POMRAC Focal Points Meeting	Vladivostok
NIGERIA	May 23-25	National W'shop on Spill Compensation & Modelling	Abuja
NETHERLANDS	May 24-26	Bon Agreement WG on Counter Pollution Activities	Scheveningen
CANADA	June 7 - 9	AMOP Technical Seminar	Halifax
LITHUANIA	June 20-22	Exercise Balex Delta 2016	Klaipeda
USA	June 21-23	Clean Pacific Conference & Exhibition	Seattle, WA
INDIA	August 11-12	Oil Spill India	Mumbai
UAE	October TBA	EI Middle East HSE Technical Forum	Abu Dhabi
UK	October 18	UK Spill – Spill Science Seminar	Southampton
MALTA	November 2-3	JOIFF Fire & Explosion Hazard Mgmt. Conference	St. Julians
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

Company news

ISCO MEMBER, NORTEK BV RELEASES NEW INFORMATION ON SEADARQ MONITORING SYSTEM

Nortek SeaDarQ is a radar-based system that automatically monitors the sea surface around an oilfield facility, sounding the alarm as soon as a potential oil spill is detected. An invaluable asset and highly reliable, SeaDarQ also carries out its duties unattended, freeing up your personnel for other duties. [Read more](#)

ISCO MEMBER, AQUAGUARD RELEASES INFORMATION ON ITS HEAVY DUTY OFFSHORE BOOM

[Download article on Aqua-Guard features its AirFlex Ocean Boom systems](#)

Legal disclaimer: Whilst ISCO takes every care to ensure that information published in this newsletter is accurate unintentional mistakes can occur. No liability for consequences of errors is accepted but, if an error is brought to our attention, a correction will be printed in a following issue of this newsletter. Products and services featured in the ISCO Newsletter and/or the ISCO website, including the International Directory of Spill Response Supplies and Services, have not been tested, approved or endorsed by ISCO. Any claims made by suppliers of products or services are solely those of the suppliers and ISCO does not accept any liability for their accuracy. It should not be assumed that views and opinions expressed in linked reports, articles and other content reflect the views of the organization. Subscription is subject to acceptance of ISCO's Terms and Conditions as published on the website www.spillcontrol.org