

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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The Executive Committee is assisted by the non-executive ISCO Council composed of the following national representatives – **Mr John Wardrop** (Australia), **Mr Namig Gandilov** (Azerbaijan), **Mr John Cantlie** (Brazil), **Dr Merv Fingas** (Canada), **Captain Davy T. S. Lau** (China, Hong Kong), **Mr Li Guobin** (China, Mainland), **Mr Darko Domovic** (Croatia), **Eng. Ashraf Sabet** (Egypt), **Mr Torbjorn Hedrenius** (Estonia), **Mr Pauli Einarsson** (Faroe Islands), **Prof. Harilaous Psarafitis** (Greece), **Captain D. C. Sekhar** (India), **Mr Dan Arbel** (Israel), **Mr Sanjay Gandhi** (Kenya), **Mr Joe Braun** (Luxembourg), **Chief Kola Agboke** (Nigeria), **Mr Jan Allers** (Norway), **Capt. Chris Richards** (Singapore), **Mr Anton Moldan** (South Africa), **Dr Ali Saeed Al Ameri** (UAE), **Mr Kevin Miller** (UK) and **Dr Manik Sardessai** (USA).

For more info on Executive Committee and Council Members go to www.spillcontrol.org

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25TH ANNUAL
November 10-12, 2015
New Orleans, LA
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International news

GEF: PROMOTING AN INTEGRATED APPROACH TO CHEMICALS MANAGEMENT



October 5 - The 4th International Conference on Chemicals Management (ICCM4) ended in Geneva last Friday with a commitment to step up action to safeguard people and the environment from the risk posed by inadequately managed chemicals.

According to UNEP of the estimated 100,000+ chemicals on the market today, only a fraction has been thoroughly evaluated to determine their effects on human health and the environment.

The ICCM is the governing body of the Strategic Approach to International Chemicals Management (SAICM) - a policy framework to promote chemical safety around the world. SAICM brings together multiple sectors and stakeholders to address chemicals and waste issues that are not already within the scope of legally binding agreements.

Addressing the meeting, Naoko Ishii, Global Environment Facility CEO and Chairperson, expressed the GEF's commitment to promote SAICM's integrated approach. *Source: Global Environmental Facility* [Read more](#)

DEEPWATER HORIZON SETTLEMENT FINALIZED

October 5 - The U.S. Department of Justice (DOJ) has finalized a settlement of more than \$20 billion with BP PLC arising from 2010's Deepwater Horizon oil spill. The settlement resolves all federal and state claims against BP for the accident. Louisiana, Mississippi, Alabama, Texas and Florida will be the settlement's primary recipients and will use the funds for environmental

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International news (continued)

remediation and economic development.

The Deepwater disaster, the largest oil spill in U.S. waters, killed 11 crew members and leaked millions of barrels of crude into the gulf, coating hundreds of miles of shoreline with oil. DOJ announced tentative terms of the deal in July.

The \$20.8 billion settlement comes in addition to the \$44 billion BP has already incurred in legal fees and clean-up costs. *The Maritime Executive* [Read more Related report in gCaptain](#)

2015 SAFETY4SEA ATHENS FORUM SUCCESSFULLY CONCLUDED

October 9 - The 2015 SAFETY4SEA Forum, a PRO BONO event, successfully concluded on Wednesday 7th of October 2015 in Eugenides Foundation Athens attracting 1100 delegates from 30 countries representing a total of 480 organizations.

A unique panel of 24 global experts presented latest maritime safety perspectives, best practices, security trends, loss prevention issues and human element challenges. Positive feedback on the presentations together with roundtable discussions proved the programme and speakers successfully addressed current maritime issues. *Green4Sea* [Read more](#)

Incident reports from around the world

USA: BULK CARRIER SPILLS DIESEL IN OREGON AFTER HITTING PIER

October 2 - Panamanian-flagged bulk carrier spilled over 1,000 gallons of diesel fuel after colliding with a pier in Astoria, Oregon early Friday.

The U.S. Coast Guard says it was alerted at approximately 12:55 a.m. that the 565-foot Global Gold allided with Pier 1 in the Port of Astoria, causing a 4-foot by 8-inch gash in the port side of the hull towards the stern. By 3:30 a.m., the Clean Rivers Cooperative was mobilized and deployed boom around the vessel and pier. The vessel's crew also applied oil-absorbent pads to a small area of land affected by the spill at the end of the pier. *gCaptain* [Read more](#)

Incident reports from around the world (continued)

URUGUAY: DIESEL SPILL IN URUGUAY RIVER, BOUNDARY OF URUGUAY AND ARGENTINA



Photo; Location of the spill in the Uruguay River

October 6 – Reports received from Carlos Sagrera MSc, MISCO - A fluvial oil spill of diesel at the Uruguay River, boundary between Argentina-Uruguay, was reported last week end.

The responsible of the contamination was the National Oil Company (ANCAP) but the huge problem here was that the authorities did not activate the NCP in time so the spill contaminated the drinking water of the surrounding city of Paysandú and now there is a national political discussion about responsibilities and effectiveness of the NCP.

October 8 – Later reports on the oil spill in the Uruguay river (Paysandu City) have doubled the amount of spilled diesel. A criminal complaint has been filed for omissions of the authorities and others responsible.

Links to reports in newspapers –

<http://www.eltelegrafo.com/index.php?id=104587&seccion=opinion&fechaedicion=2015-10-05>

<http://www.espectador.com/sociedad/324479/por-que-ocurrio-el-derrame-de-gasoi-en-el-rio-uruguay>

<http://www.diarioadnentrerios.com.ar/provincia/item/12087-comunicado-del-caru-ante-el-derrame-de-gasoi-en-el-r%C3%ADo-uruguay.html>

http://www.elpais.com.uy/informacion/caru-analiza-agua-rio-temen.html?utm_source=news-elpais&utm_medium=email&utm_term=CARU%20analiza%20agua%20del%20r%C3%ADo;%20temen%20que%20se%20extienda%20la%20contaminaci%C3%B3n&utm_content=06102015&utm_campaign=Resumen%20Matutino

<http://www.espectador.com/sociedad/324654/derrame-de-combustible-fue-el-doble-de-lo-anunciado-inicialmente>

<http://www.elpais.com.uy/informacion/edil-nacionalista-presento-denuncia-penal.html>

Incident reports from around the world (continued)

BELGIUM: OIL SPILL OFF BELGIAN COAST THREATENS NATURE RESERVE



Photo: Dutch freighter Flinterstar is seen sinking after colliding with Marshall Island-flagged tanker Al-Oraiq, which also suffered damage in the collision, in the North Sea off the Belgian coast October 6, 2015. REUTERS/Benny Proot

October 6 - Freighter carrying more than 500 metric-tons of diesel and fuel oil collided with tanker in the North Sea

Belgium and the Netherlands are frantically trying to stop the spread of oil leaking from a collision Tuesday morning between a freighter and a tanker in the North Sea before the slick sullies a coastal nature reserve.

The Flinterstar freighter was carrying 125 metric-tons of diesel and 427 metric-tons of fuel oil when it collided with the Al Oraq tanker eight kilometers (five miles) off the Belgian coast. *I24 News* [Read more](#)

October 7 - Belgian and Dutch authorities are attempting to build a protective sand bank around the Zwin nature reserve, which straddles their common border, officials said.

"Calculations show that it is possible that oil reaches the Zwin," West Flanders authorities said in a Facebook post. The Zwin nature reserve is an important stopover for thousands of migrating birds. Members of the environmental protection organization Vogelbescherming Vlaanderen (Bird Protection Flanders) are preparing to care for oil-smeared birds. *dw.com* [Read more](#)

October 8 - Salvage of the partially sunken MV Flinterstar following a collision with an LNG carrier earlier this week off the coast of Belgium kicks into high gear as oil spill cleanup winds down and the inquiry into what happened continues.

Dutch ship owner Flinter reports that the Flinterstar remains stable and the company has contracted SMIT and Multiship to pump the remaining oil from the vessel. Flinter added that inspections of the ship since the collision early Tuesday morning have shown that damage to the vessel is worse than expected, with some media reports saying that the ship has been declared a total loss. *gCaptain* [Read more](#)

CANADA: LARGE OIL SPILL IN OTTAWA'S EAST END

October 7 - Ottawa Fire Services are investigating a large oil spill in a creek in the city's east end. Fire Services Hazmat teams responded to a report of an unknown substance in a creek near Cyrville Road around 4p.m. Tuesday.

Multiple firefighters were sent by foot along the creek to try and find the source of the spill. It brought them to another large spill in the area of 1540 Star Top Rd. "We've got a large collection, about two and a half inches of oil in the creek here at this particular location, so it's quite a significant spill that we've contained," said Assistant Deputy Chief Sean Tracey with Ottawa Fire. A number of other booms were used at the second location to contain the spill. *CTVNews* [Read more](#)

NORWAY: OIL SPILL AT STATFJORD FIELD OFFSHORE NORWAY –STATOIL

October 7 - Norwegian oil major Statoil has reported an oil spilled observed in the North Sea close to a loading buoy at the Statfjord offshore oil field. The oil spill was first reported at 8:30 a.m. Tuesday in the vicinity of the OLS loading buoy.

Statoil says that the oil spill was discovered during the loading of oil from the Statfjord A platform to the tanker Hilda Knutsen via the OLS B loading buoy, which is located between the Statfjord A and Statfjord B platforms. The company added that the leak is located in a flange in the loading hose. Preliminary assessments estimate the the spill is in the range of 40 cubic meters of oil, or approximately 251 barrels. *gCaptain* [Read more](#) Related report in [The Maritime Executive](#)

BRAZIL: UPDATE: LOCAL RESIDENTS AND AUTHORITIES ANGRY AFTER SINKING OF CATTLE CARRIER HAIDAR IN BARCARENA, BRAZIL (VIDEO)

October 8 - The beach of Conde in Barcarena, northeast of Pará, was barred for the public and any activities by the environmental authorities because of an oil spill, caused by the sinking of the Haidar.

According to the Companhia Docas do Pará (CDP), the vessel was carrying about 730 tons of fuel. Buoys were laid out to contain the oil spill, which already causes a pollution on the Pará river. Oil could also reach other beaches. The oil containment was not done effectively. The oil slick has already arrived in the region's beaches. Removal of the vessel was expected to be completed within 40 days. *VesselFinder.com* [Read more](#)

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

AUSTRALIA: BP OIL SPILL IN GREAT AUSTRALIAN BIGHT WOULD BE CATASTROPHIC, MODELLING SHOWS

October 8 - An oil spill from BP's planned drilling in the Great Australian Bight could affect most of Australia's southern coastline, shutting down fisheries and threatening wildlife including whales, seabirds and sea lions, new modelling has shown.

BP plans to drill the first of four exploratory wells off the South Australian coast next year and submitted an environmental plan (pdf) for approval to the National Offshore Petroleum Safety and Environmental Management Authority last week. A decision is expected this month.

Oil spill modelling commissioned by the Wilderness Society found that a failure in BP's deep sea drilling would probably prove calamitous to wildlife and the fishing and tourism industries, causing up to 265,000 sq km of ocean – about three times the size of Tasmania – to contain enough oil to close fisheries. *The Guardian* [Read more](#)

AUSTRALIA: NATIONAL PLAN EXERCISE- EXERCISE WESTWIND

October 8 - Conducted in late May/early June 2015, Exercise Westwind was the annual exercise of the National Plan for Maritime Environmental Emergencies for 2015. Staged in two phases, Exercise Westwind incorporated strategic and operational components and focused on a simulated spill event off the north-west coast of Australia.

Critical to Australia's preparedness for a marine spill incident, AMOSC were the lead facilitator in the development and coordination of the operational exercise; Australia's first ever industry lead Tier 3 exercise involving an offshore spill scenario. The deployment phase of the exercise combined operational strategy development through the IMT in Perth with tactical operations in Exmouth, WA.

The exercise involved petroleum industry personnel, multi-level government organisations and agencies from across Australia. For a list of the companies who participated in Exercise Westwind, [Click here](#). *AMOSC* [Read more](#)

EGYPT: NILE RIVER – OIL SPILL CONTINGENCY PLAN

October 8 - As part of the Nile River Oil Spill Contingency Plan "OSCP" contract awarded to IEMS in August 2015, The IEMS Consultancy Manager, Operations Manager and Consultancy Assistant met with the National coordinator and various department heads from the Egyptian Environmental Affairs Agency "EEAA" during September 2015.

The Nile River "OSCP" is one of two geographic OSCP's that IEMS is currently developing. *IEMS Newsletter* [Read more](#)

NORWAY: OIL SPILL RESPONSE EXERCISE, NY-ÅLESUND, SVALBARD, SEPTEMBER 2015

October 1 – Report received from ITOPF - Last week Dr Jessika Fuessel attended an exercise conducted by the Norwegian Coastal Administration (NCA) in cooperation with local authorities in the world's northernmost settlement, Ny-Ålesund, Svalbard. Five vessels and more than 20 local responders, as well as representatives from the NCA, were involved in at-sea response operations and shoreline protection measures. Equipment, such as Ocean and Harbor Busters, and several skimmers were deployed from POLARSYSSEL, the new response vessel stationed in Spitsbergen, and from a Coast Guard vessel and several smaller local vessels. In addition, more than 200 m of rigid floatation boom was deployed from shore to deflect oil reaching the shoreline. *ITOPF* [Read more](#)

UK: THE OIL CARE CAMPAIGN CELEBRATES 20th ANNIVERSARY



September 29 - The Oil Care Campaign is a joint initiative between the UK environmental regulators, trade and professional bodies and industry and this year marked its 20th anniversary.

Every year more than 3000 oil pollution incidents are reported to our environmental regulators, ranging from an individual having an accident whilst refuelling a boat to industrial incidents involving thousands of litres. These incidents impact on our water, plant and or wildlife and of course cost significant amounts of time and money to clean-up. But it's not just about that, it's about social responsibility and the reputation of businesses, which is why the [Oil Care Campaign website](#) is for everyone to use whether you are a private individual or a multi-national business. *Linked-in* [Read more](#)

USA: CALIFORNIA - CDFW HOLDS FIRST INLAND OIL SPILL RESPONSE EQUIPMENT TRAINING IN THE ALTA AREA

October 2 - The California Department of Fish and Wildlife's, Office of Spill Prevention and Response (OSPR), oversaw oil spill equipment training for members of the Alta Community Emergency Response Team (CERT) earlier today. Alta was the first inland agency awarded the spill equipment grant since OSPR went statewide in 2014. *YubaNet.com* [Read more](#)

Other news reports from around the world (continued)

USA: GREAT LAKES FACE THREAT FROM ENBRIDGE LINE 5

October 6 - The 62-year-old segment of Canadian oil transport giant Enbridge's Line 5 pipeline underwater, at the bottom of the Straits of Mackinac, has been generating the most buzz and concern lately over how a spill from it would harm the Great Lakes.

But it's another segment of that same pipeline, out of the water and running through the Upper Peninsula along U.S.-2 highway for nearly 90 miles between Manistique and St. Ignace, that poses a more immediate — and just as dire — threat to the lakes, according to a U.S. Coast Guard oil spill contingency specialist. The 30-inch-diameter transmission line runs under at least 20 rivers and creeks that feed into northern Lake Michigan, and at points is within a half-mile of the lake.

"Quite frankly, we see a spill in the straits as a very low probability," said Steven Keck, who's based at the Coast Guard's Sault Ste. Marie station. "But that corridor along U.S.-2 we see as a much higher probability. *Detroit Free Press* [Read more](#)

USA: U.S. SETS OUT 150 OIL SPILL RESEARCH PRIORITIES

October 6 - The U.S. Interagency Coordinating Committee on Oil Pollution Research (ICCOPR) has approved the Oil Pollution Research & Technology Plan (OPRTP) for FY2015-2021 and selected 150 priority research needs that should be addressed to improve oil spill management.

The report sets out the current state of research and examines key events, such as Deepwater Horizon, where lessons have been learned. It also covers research needs for better understanding of Arctic operations. *The Maritime Executive* [Read more](#)

USA: COAST GUARD, ENBRIDGE TO STAGE FULL-SCALE OIL SPILL EXERCISE ON ST. CLAIR RIVER IN 2016

October 8 - The U.S. Coast Guard will lead a full-scale exercise in the St. Clair River next spring designed to test the readiness of first responder agencies to deal with a significant oil spill from an Enbridge pipeline running under the river.

The exercise will be similar to the one held by the USCG, Enbridge and numerous other local, state and federal agencies in the Straits of Mackinac in late September. About two dozen boats deployed an array of absorbent and containment booms, oil skimmers, vacuum trucks and other equipment in an effort to respond to the hypothetical spill. *The Voice* [Read more](#)

USA: CALIFORNIA - GOVERNOR SIGNS BILLS IN AFTERMATH OF SANTA BARBARA OIL SPILL

October 8 - Gov. Jerry Brown signed three bills Thursday aimed at preventing oil spills, minimizing the damage they cause and speeding cleanups in the wake of a pipeline rupture that poured more than 100,000 gallons of crude on the Santa Barbara coast in May.

The bills introduced by Santa Barbara County Democrats include requirements that the state fire marshal inspect pipelines annually and that pipeline operators install the best spill-control technology, such as automatic shut-off valves. *KansasCity.com* [Read more](#)

People in the news

NEW PRESIDENT FOR INTERNATIONAL SALVAGE UNION

October 2 - The Annual General Meeting of the International Salvage Union (ISU) was held in New York, 01 October 2015. At the conclusion of the meeting, Mr John Witte Jr became the new President of the ISU.

Mr Witte succeeds Mr Leendert Muller, who will continue as a member of the ISU Executive Committee. Mr Muller said: "It has been a privilege to be the President of ISU and to represent the interests of all our members as we have tackled the major issues facing our industry.

"I believe we have made good progress, not least at the European Union on the matter of Places of Refuge for casualty vessels. We have grown our membership and attendance at our events has continued to rise. I am also pleased that we have continued to build our relationships with the insurers – both P&I and property – particularly through our strengthened links with the International Union of Marine Insurance (IUMI). A few weeks ago I spoke at the IUMI conference and was able to remind them of the importance of the salvage industry and its great benefit to them in preventing catastrophic loss. For example, in Lloyd's Open Form salvage cases alone last year our members saved more than US \$1 billion of other peoples' property.

"I am delighted to be handing over to John Witte who, like me, comes from a family with a long and proud tradition in salvage. John has much experience of the industry – both as a salvage master and operational manager – and has demonstrated great commitment to the ISU and to marine salvage and I am sure the leadership of our association will be in good hands."

ISCO news

NEWSLETTER EVENT ANNOUNCEMENTS

In this week's ISCO Newsletter we are introducing a new format for announcing upcoming events. As regular readers may have noticed we are aiming to keep the size of the newsletter down to 10 pages. The new format allows events to be listed in a more compact way. Members and readers wishing to submit details of events that will be of interest to our community should send details to the editor for publication consideration.

Going forwards, free banner advertisements for conferences on the first page of the newsletter will only be available to event organisers who have a Media Partnership agreement in place with ISCO. Media Partners will also be given priority in allocation of Editorial Content in the Events Section of the Newsletter. More information about Media Partnerships is available on request.

GETTING A BETTER BALANCE OF NEWS REPORTING IN THE ISCO NEWSLETTER

Your editor does his best to find interesting news from all over the world but it's not easy. Members and other readers are invited to help rectify the balance of world news reporting. News stories from North America, UK, Australia, etc. are much more accessible on the internet than reports from other parts of the world and especially from non-English-speaking countries.

If you are finding that there are no news reports from your part of the world, you can help to correct this. Your editor asks you to share information that will be of interest to our worldwide community.

... AND PASSING ON KNOWLEDGE AND EXPERIENCE

By contributing articles and case histories for publication you can help ISCO achieve its objective of advancing response preparedness, professional development and competency. As the years go by, hard won knowledge and experience is lost as people retire or move on. The benefits of past learning and new R&D work both need to be widely shared.

Articles that pass on valuable know-how are particularly valuable – overcoming difficult challenges, innovating, relating what you did, why you did it that way, how you did it and what was achieved.

Science and technology

BETTER FINGERPRINTING FOR OIL SPILLS

September 16 - A team of U.S. researchers has demonstrated that a mass spectrometry technique can **pinpoint with great accuracy the source of oil** in samples collected after a spill (*Anal. Chem.* 2013, DOI: [10.1021/ac401604u](https://doi.org/10.1021/ac401604u)). In a proof-of-concept study, the group assigned oil residue collected after a 2007 spill in San Francisco Bay to not just the container ship responsible, but to one particular tank within the boat. The technique could help scientists assess environmental damage to ecosystems after oil spills.

For environmental scientists studying the effects of an oil spill, the most important piece of information is the chemical makeup of the oil released. If the scientists know what chemicals are present in affected areas, they can determine the risk posed to those ecosystems and to human health. Linking environmental damage to a particular oil source is also required to assign legal responsibility to the appropriate party.

But identifying the source of oil isn't easy, says [Ryan P. Rodgers](#) of [Florida State University](#). Sometimes a spill involves multiple types of oil. The presence of natural oil seeps and other sources of pollution complicate things further. And volatile compounds in oil quickly evaporate or are degraded by microbes, leaving behind heavier compounds that are hard to analyze.

For many years, gas chromatography has been the main oil fingerprinting tool, Rodgers says. Unfortunately, the technique struggles to identify many compounds, including polar species, left over after oil has been sitting out in the environment—the state of most collected oil samples. Researchers call these problematic compounds an unresolved complex mixture. It's "a great name for a hump of nothing useful that comes off the GC column," Rodgers says.

In the past decade, researchers have identified components in this hump using other methods such as electrospray ionization time-of-flight mass spectrometry. Now Rodgers and his colleagues have increased the resolution further by using electrospray ionization Fourier transform ion cyclotron resonance (ESI FT-ICR) mass spectrometry. The technique can analyze a greater, but different, range of compounds than gas chromatography can, Rodgers says: ESI FT-ICR mass spectrometry can detect compounds with 20 to 1,200 carbon atoms, and gas chromatography can identify those with one to 35 carbons. *C&EN* [Read more](#) [Thanks to Dr Merv Fingas, Hon.FISCO, and SAC Newsletter]

HIGH-PRESSURE WASH DEVELOPED FOR OIL SPILLS

October 4 - NTNU student entrepreneurs have joined up with an inventor from SINTEF to commercialize a new, green method for cleaning up oil spills.

While the media generally only picks up on big catastrophes, like the BP oil spill in the Gulf of Mexico, many other spills occur. There were 40 smaller maritime oil spills in Norway alone during the course of last year.

The current standard cleanup method uses chemicals to disperse the oil into small enough particles for natural bacteria in the ocean to be able to digest.

However, research on this process shows that the chemicals can actually slow or stop the breakdown process, and adding unnatural chemicals to delicate ecosystems is less than optimal.

"We really don't know enough about how these chemicals affect the microbial ecosystems in our oceans, and there is some discussion as to whether these compounds prevent bacteria from being able to properly break down the oil," says Anette Andersen

Science and technology (continued)

of ChemFree, a new startup created by Andersen and two other students from NTNU's School of Entrepreneurship.



Photo: With their new ChemFree technology, Anette Andersen, Nina Heir and Karl Nevland hope to enable oil spills to be cleaned up in a greener way. Their technology was one of the competitors in the European finals of the Climate LaunchPad competition. Photo: Idun Haugan/NTNU

As its name suggests, ChemFree does not rely on unwanted chemicals for cleanup. The technology involves spraying sea water into an oil spill with enough force to disperse the oil in tiny particles, allowing it to be properly broken down by ocean bacteria. Think of it like a giant high pressure washer.

Lab tests show that this method actually disperses smaller particles than chemical methods do, meaning that it is even easier for the ocean's bacteria to do its work.

Andersen, and her colleagues Nina Heir and Karl Nevland, have spent three years in different study programs at NTNU, and then started a year ago in the NTNU School of Entrepreneurship's two-year master's program. Their goal with ChemFree is to have created a workplace for themselves by the time they finish their master's degrees.

The man behind the original idea is Stein Erik Sørstrøm, who works at SINTEF, where the technology is in development. ChemFree is patented, and the rights to it will be transferred from SINTEF TTO (SINTEF's commercialization arm) to ChemFree as soon as the new company is up and running. *The Maritime Executive* [Read more](#)

Events

UPCOMING EVENTS SUMMARY

COUNTRY	2015	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
UK	Oct.19-23	IOPC Funds Meetings	IMO, London
FRANCE	Oct. 26-30	Safer Seas Conference	Brest
USA	Oct. 27	IPIECA JIP Seminar	Houston
UK	Nov. 5	IPIECA JIP Seminar	London
USA	Nov. 10-12	Clean Gulf Conference & Exhibition	New Orleans
TURKEY	Nov. 17-19	Regional Oil Spill Response Workshop	Adana City
BELGIUM	Nov. 18-19	PEFTEC Exhibition & Seminars	Antwerp
BELGIUM	Dec. 7	MSP & Marine Env. Conference	Brussels
UK	Dec. 7-11	Salvage & Wreck Removal Conference	London
UK, N. IRELAND	Dec. 15	ISAA Meeting and Christmas Luncheon	Hillsborough
2016			
USA	Jan. 4-6	No Spills Annual Conference	Acme, Michigan
AUSTRALIA	May 2-6	Spillcon 2016	Perth, WA
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

USA: CLEAN GULF PROGRAMME ADDITIONS ANNOUNCED

[Exhibitor Showcase Theater](#)

Live Demonstration – Oil Detection Dogs for Shoreline and Pipeline Surveys

Canine detection teams have demonstrated the capability to rapidly locate subsurface oil targets up to 36" deep on a consistent and reliable basis. This session will include a presentation summarizing the recent API field tests, a short video of the dogs in action in the field, and a live demonstration in which one of the trained dogs will be provided with the opportunity to locate an oiled sediment target within an array. Detection teams can be used in a range of environmental settings for pipeline and shoreline surveys that include rough terrain, dense undergrowth, river banks, snow and ice.

Speakers: Paul Bunker – K2 Solutions and Ed Owens – Owens Coastal Consultants



Events (continued)

Poster Sessions

Oil Removal Due to Interaction with Sediments

Michel C. Boufadel, PhD, PE, F. ASCE, P.Hydro, D.WRE, Director and Lin Zhao, Engineer, Center for Natural Resources Development and Protection

Delineation Technique to Locate Subsurface Oil in Sediment at Major Spill Response - A Case Study

Lyle Trumbull, Ph.D., Sr. Technical Director, Emergency Response, Kyle Kolwaite, Scientist-2, and Lawrence Malizzi, Senior Manager, Project Development, O'Brien & Gere

USCG Sector Delaware Bay's Response to Rail Incidents Planning Project

LT Eric Nielsen, Marine Environmental Response Branch Chief, U.S. Coast Guard and LCDR Michael Weaver, Chief of Contingency Planning and Force Readiness, U.S. Coast Guard, Sector Delaware Bay

Government Initiated Unannounced Exercises

LCDR Frank Kulesa and Justin Hoffer, MST1, U.S. Coast Guard Headquarters

Welcome Reception

Wednesday, November 11 | 4:30 PM – 6:30 PM

The reception is a great opportunity to catch up with your peers and meet with our wide variety of exhibiting companies on the show floor. Snacks and drinks will be available.

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

AMSA Aboard	News from the Australian Maritime Safety Authority	September 2015 issue
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	July-August 2015
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	October 2015 issue
Energy Institute eBulletin	News from the Energy Institute	April 2015 issue
Environmental Technology Online	Environmental Monitoring, Testing & Analysis	Sept. 2015 issue
IMO News Magazine	News from the International Maritime Organization	No 3, 2015
IMO Publishing News	New and forthcoming IMO publications	September 2015
Intertanko Weekly News	International news for the oil tanker community	No 41 2015
IPIECA eNews	Int'l Petroleum Industry Environmental Conservation Assoc'n	February 12 issue
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	July 2015 issue
MOIG Newsletter	News from the Mediterranean Oil Industry Group	Most recent Issue
NOAA update	Oil spill response news from NOAA OR&R	April 2015
OCIMF Newsletter	News from the Oil Companies International Marine Forum	Sept. 2015 issue
Pollution Online Newsletter	News for prevention & control professionals	October 7 issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Spring 2015 issue
SAC News	Oil spill related and other news from Alaska	October 2 issue 2015
Technology Innovation News Survey	From US EPA - Contaminated site decontamination	August 16-31 2015
The Essential Hazmat News	Alliance of Hazardous Materials Professionals	August 24 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	October 1 2015 issue
USA EPA Tech News & Trends	Contaminated site clean-up information	Summer 2015 issue
WMU Newsletter	News from the World Maritime University	June 2015 issue

Training

AUSTRALIA: AMOSC 2016 TRAINING CALENDAR

AMOSC is pleased to announce that all of the 2016 courses are now available for booking through our training website.

This includes our internationally accredited courses - Course in Oil Spill Response Operations (IMO I), Course in Oil Spill Response Management (IMO II), Course in Oil Spill Response Command & Control (IMO III) and our additional qualification course - Aerial Observation.

AMOSC's full suite of courses will be delivered at both the Geelong and Fremantle training centres.

The IMO I course is now being offered in three sections: Offshore, nearshore, shoreline response modules available in two training sessions.

Course enrolment will not be permitted unless credit card payment (VISA, Mastercard or AMEX) is made at the time of booking. Bulk bookings of 4 or more people on any one course can be made by contacting AMOSC directly, all other bookings will need to be made through the [online booking system](#)

The AMOSC Training Website is at <http://www.amosc.com.au/training.php>

Disaster preparedness and recovery

EMERGENCY MANAGEMENT IS NOT A PART-TIME JOB

September 11 - Despite the continued professionalization of emergency management and the expanded roles and responsibilities of emergency managers, many local governments still view emergency management as a part-time job with a part-time or even volunteer emergency manager.

In the grand scheme of things, contemporary emergency management is still a relatively new discipline, having only recently evolved from the civil defense era within the last 40 years or so. Many of those working within emergency management began their careers in civil defense agencies and some of those agencies carry the civil defense moniker even today.

The tragic events of 9/11 and recent high-profile natural disasters have served to raise the profile of emergency management, and federal grant dollars and doctrine have further helped to define and shape the discipline. Today, emergency management professional certifications and academic degrees are becoming commonplace, and emergency managers are taking on new and expanded roles as the threat profile continues to evolve.

The maturation of the emergency management discipline also includes more focus on pre-disaster mitigation planning and community resilience. As such, emergency managers are not just coordinating their activities with local, state and federal public safety officials but with community planners, developers, engineers, architects and economic development experts as well.

Emergency management is a constant cycle of preparation, response, recovery and mitigation. An emergency manager's work is never done. There is always a plan that needs to be developed, a training course to teach, an exercise to plan and numerous stakeholders to engage. Despite the constant workload and executive attention, resource commitments to emergency management are not always there.

Emergency management is not a part-time job and should not be treated as such. Local governments need to make emergency management a priority and ensure emergency managers have the resources and executive support necessary to do their jobs. It may be unrealistic to expect all local governments to have full-time emergency managers, but larger jurisdictions (counties, cities) certainly need to, or they must be willing to live with the consequences of a part-time investment in a full-time job.

Emergency Management [Read more](#)

New products and services

The ISCO Newsletter doesn't accept product placement advertisements but sometimes news of a new product or service catches the editor's attention and looks like it might be of interest to members of our community. Here, in brief, are some recent examples.

TRANSMISSION PROVIDES MANOEUVRABILITY FOR OIL SPILL RESPONSE

According to US-headquartered global marine transmission specialist, Twin Disc, the manoeuvrability afforded by its transmissions is key to effective oil spill collection.

As offshore oil exploration and production expands, the need for high speed spill response vessels has increased. G.M. Penman is Rozema Boat Works' newest skimmer boat. The 19.8m vessel depends on Twin Disc QuickShift transmissions and a EC300 Power Commander electronic control system with Express for the critical task of remediation. *Maritime Journal* [Read more](#)

SOLAR POWERED PHONE NETWORK FOR EMERGENCIES

Pakistani researchers have developed a portable, solar-powered mobile phone network for use in disasters like floods and earthquakes when regular communications are often disrupted.

Researchers at the Information Technology University (ITU) in Lahore, together with a team from the University of California, have developed a prototype "Rescue Base Station" (RBS) for Pakistan - the country's first emergency telecoms system that would work on normal cell phones. "When the RBS is installed in a disaster-struck area, people automatically start receiving its signals on their mobile phones. They can manually choose it and then call, send messages and even browse (internet) data free of charge," said Umar Saif, ITU vice chancellor and an adviser to the project.

The RBS is a lightweight, compact rectangular box fitted with an antenna, a signal amplifier and a battery, which can be carried easily and even dropped by helicopter in hard-to-reach disaster zones. It has a solar panel to charge the battery, to keep it working in places without electric power. *The Maritime Executive* [Read more](#)

NEW 1600 WATT TWENTY-FIVE FOOT LED LIGHT TOWER

This twenty-five foot, three stage telescoping light mast from Larson Electronics features a rotating boom that allows for 360° of rotation, a removable mast head affixed with four 400 watt LED light fixtures, and an easy fold over assembly. The mast is elevated from its folding position with a 2,500 pound hand winch that is fitted with 3/16" cable. A second 2,500 pound winch provides the 12' to 25' elevation of the mast. This mast includes four wet area suitable LED fixtures that produce a combined total of approximately 208,000 lumens at 1,600 watts. A 52" long mounting plate constructed of 2" by 2" by 1/4" thick carbon steel is attached to the upper section of the mast which provides a strong and stable platform for the four light fixtures. [More info](#)

New products and services (continued)

PRE-ENTRY TESTING - ELECTRONIC DETECTORS VS DETECTOR TUBES

In the shipping and transportation industry, when carrying out pre-entry tests for air contaminants in freight containers, a standard four gas detector is often used to continuously detect Combustible gases (LEL), Carbon Monoxide (CO), Hydrogen Sulphide (H₂S) and to determine Oxygen (O₂) deficiency. Unless advanced gas detectors with PID or expensive exotic sensors are used, other dangerous contaminants such as solvents, Methyl Bromide or Phosphine may not be identified using a standard gas detector, which could potentially cause an unsafe situation.

Operators conducting pre-entry tests must also check for these other contaminants that may be present to verify safe levels prior to entry. Other contaminants present can vary widely depending on the cargo being transported (Solvents, fuels, paints, clothing), fumigants used to protect cargo (Methyl Bromide, Formaldehyde) and so a single gas monitor cannot measure all of these possible scenarios.

In such instances, a gas detector tube should be used to conduct the other contaminant detection. Benefits of Using Gastec Detector Tubes vs Electronic Gas Detectors -

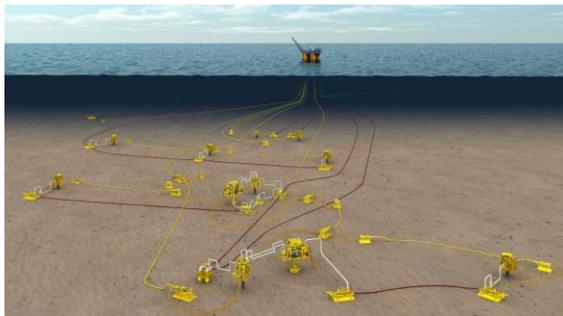
- It's much more cost-effective to replace a pack of detector tubes than an expired gas sensor.
- Gas detector tubes do not have any electrical components; therefore can be used in any environment
- Detector tubes don't require calibration, so no service costs
- The range of detector tubes available allows detection for around 200 gases, a much wider scope than electronic gas detectors.
- Switching from one gas to another is much simpler using detector tubes. [Read more](#)

Company news

USA: MARINE WELL CONTAINMENT COMPANY'S CLEAN GULF TOUR ON NOVEMBER 10

Marine Well Containment Company (MWCC) is hosting a deepwater [well containment workshop](#) and facility tour, in conjunction with the Clean Gulf Conference, at its SURF Shore Base in Theodore, Alabama. [Register today](#) to learn more about well containment's role within source control during a response, receive a technical overview of MWCC's Containment System, and tour the shore base facilities. Tuesday, November 10, 2015 7:00 a.m. - 5:00 p.m. Marine Well Containment Company, SURF Shore Base, Theodore, AL

USA: NEW WELL CONTAINMENT SIMULATOR FOR GOM



September 24 - Wood Group has been awarded a contract with Marine Well Containment Company (MWCC) to provide an operator training simulator, supporting training for containment in the event of a deepwater well control incident in the Gulf of Mexico.

Under the contract, the simulator will be developed by Wood Group Kenny using its proprietary software and will be located at the MWCC shore base near Corpus Christi, Texas. It will be used to train operators who will be involved in the deployment of MWCC's well containment equipment if capture operations are required for an incident response. *The Maritime Executive* [Read more](#)

USA: ELASTEC, DEBUTS, DEMONSTRATES OIL SPILL RESPONSE EQUIPMENT (VIDEO)

High in the sky, swaying in the wind, is the company's newest product called the 'Oceaneye.' The aerial surveillance device is equipped with infrared cameras, high-definition cameras and GPS equipment. It enables crews on the ground to see the oil in the water from as high up as four nautical miles.

The data is wirelessly transmitted to a terminal on the ground which allows crews accurately dispatch oil clean up vessels to an exact location. Powered by helium, the Oceaneye has more advantages than a traditional flyover in a plane or helicopter because it remains stationary and never needs to re-fuel. The device works during inclement weather and at night. [Read more & watch video](#)

IRELAND: D4H TECHNOLOGIES LAUNCHES EMERGENCIES READINESS CALCULATOR

Calculate how your organization stacks up against others in being prepared for an incident, crisis, or emergency. Due to the nature of unplanned events, it will almost always be assumed that "more should have been done" prior to an occurrence. You can do a lot to improve your readiness and the calculator results will assist you in 5 key areas. [Read more](#)

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