

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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International news

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



IMO: OPRC-HNS INFORMAL WORKING GROUP

Following on the dissolution of the OPRC-HNS Technical Group as a result of organisational changes within IMO, several members of the former Technical Group have got together to form an informal Working Group with the aim of re-energizing and continuing information exchange and a work programme to promote wider implementation of the OPRC Convention and HNS Protocol.

Christophe Rousseau of the French delegation at last month's meeting of the Pollution Prevention and Response (PPR) Sub-Committee initiated this move during the meeting of the PPR OPRC matters Drafting Group and organised informal meetings to discuss the matter.

These meetings took place on Wednesday 21 and Thursday 22 February 2016 and were co-chaired by delegates of the US and France. Discussions were focused on the identification of priorities and a potential rolling programme of work to strengthen the implementation of the OPRC Convention and address gaps in addressing HNS matters.

It is hoped to report further on the progress made by the Informal Working Group.

INTERNATIONAL SALVAGE UNION MEMBERS MAKE MAJOR CONTRIBUTION TO ENVIRONMENTAL PROTECTION IN 2015

Members of the International Salvage Union (ISU) provided 185 services to vessels carrying nearly 2 million tonnes of potentially polluting cargoes during operations in 2015 in a major demonstration of the value of their work towards protecting the marine environment.

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The Flinders Highway at Maxwellton, near Richmond, was closed on Monday afternoon to allow authorities to clean up the hazardous material. The section of highway, between the Hopevale and Nondas West turn-offs, was expected to reopen at 6pm on Tuesday. "All of the sulfuric acid from the damaged tanks has been emptied out and a recovery crew is currently separating them from the prime mover," police said in a statement. *Yahoo News* [Read more](#)

UK: 27,000-LITRE CHEMICAL SPILL CLOSES PART OF A55 NEAR COLWYN BAY

March 22 - Part of the A55 in Conwy county remains closed after a chemical spill from a tanker. The road was closed in both directions between junction 21 at Colwyn Bay and junction 22 at Llanddulas on Tuesday morning. North Wales Fire and Rescue Service said 27,000 litres (6000 gallons) of chemical were spilt and specialist teams were helping with the clean up. Fire engines and an incident response vehicle are at the scene *BBC News* [Read more](#) Another report and a video in the [Daily Post](#)

USA: INCIDENT PHOTOS: BULK CARRIER LISTING AFTER GROUNDING IN COLUMBIA RIVER



Photo: Tugs the MV Sparna with maintaining position after the vessel reportedly ran aground in the Columbia River near Cathlamet, Wash., March 21, 2016. U.S. Coast Guard Photo

March 22 - A 623-foot bulk carrier was damaged below the water line after running aground on the Columbia River near Cathlamet, Washington early Monday morning.

The U.S. Coast Guard is monitoring for pollution from the Panamanian-flagged Sparna, which is anchored but listing to port after taking on water in "void spaces". The ship's fuel tanks were not damaged in the incident. Reports say that so far no pollution has been observed from the vessel so far. *gCaptain* [Read more](#) Report and video in [The Maritime Executive](#)

International news (continued)

President of the ISU, John Witte, said: "Yet again our members' operations have delivered great benefit in helping to protect the marine environment from potential damage. Salvors provide vital services to both the shipping industry and wider society. Shipping is much safer than it was even twenty years ago but everyone in the industry should be aware that just one major casualty could cause an environmental catastrophe. And in many cases it is only professional, commercial salvors who are able to intervene."

The data comes from the results of the ISU's 2015 Pollution Prevention Survey. The survey was re-based in 2014 to include a wider range of potential pollutants including containers. *ISU* [Read the complete text of the ISU Report](#)

Incident reports from around the world

USA: WASHINGTON - CREWS TRY TO CONTAIN FUEL, OIL SPILL AFTER LARGE MARINA FIRE

March 21 - A massive fire that ripped through a popular marina Sunday morning destroyed nearly half a dozen boats. It happened at the Port Orchard Yacht Club, where cleanup crews were trying to contain oil and fuel that had contaminated Sinclair Inlet. *Fox News* [Read more and watch video](#)

March 22 - Marina fire might have triggered largest fuel spill in sound in years - State Department of Ecology officials say the five burned and sunken boats might release 2,000 gallons of oil, gasoline and diesel before their leaking hulls can be secured. By Monday afternoon, an oily sheen had spread beyond the Port Orchard waterfront and into the middle of Sinclair Inlet. *Kitsap Sun* [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

AUSTRALIA: QUEENSLAND HIGHWAY TO REOPEN AFTER ACID SPILL

March 22 - A highway in northwest Queensland will reopen after a truck rolled and spilled 17,000 litres of sulfuric acid.

Incident reports from around the world (continued)

INDONESIA: CARGO SHIP GOES AGROUND, SINKS OFF SULAWESI



Photo courtesy Pelaut Indonesia / Facebook

March 23 – On March 22, the general cargo ship Bunga Melati XV sank alongside a pier in the port of Tagulandang, North Sulawesi, after hitting a reef.

Local media reports suggest that she struck bottom while approaching the port. After getting her off the rocks, her captain managed to maneuver the vessel towards the quay, but water ingress continued, and she sank at about 1645 hours.

At the time of her sinking she was loaded with over 2,000 tons of bagged cement. Her crew of 18 escaped unharmed. The 1980-built, 2,300 dwt Bunga Melati is owned by Pertamina Persero and managed by Sari Ampenan. Pertamina did not immediately

respond to a request for comment. Further information regarding her disposition, any observed pollution and the plans for her salvage was not available. *The Maritime Executive* [Read more](#)

USA: SALVORS RAISE SUNKEN TUGBOAT SPECIALIST

Image courtesy Steve Finck / Facebook

March 24 - On Thursday morning, a team of salvors used the 1,000 ton floating shearlegs Chesapeake to raise the sunken tugboat Specialist from the Hudson River.

Authorities boarded the raised vessel to recover the body of the Specialist's last missing crewmember, Harry Hernandez, 56.

The raising and removal of the tug will also aid pollution abatement efforts. Specialist had an estimated 5,000 gallons of diesel aboard; authorities said that a fuel leak created a slick some 300 feet wide and five nm long. A response contractor and the state's Department of Environmental Conservation have been working to mitigate the spill. *The Maritime Executive* [Read more](#)



TAIWAN, CHINA: GROUNDED TS LINES CARGO SHIP SPLITS IN TWO

March 25 - A grounded cargo ship has split in two and is leaking fuel oil a little more than two weeks after becoming stranded along the coast in northern Taiwan.

The vessel, owned by TS Lines, ran aground in rough weather near New Taipei City, Taiwan on March 10. All 21 crew members were rescued safely from the ship.

According to reports more than 100 workers are in the cleanup and containment effort of the oil slick from the vessel.

The salvage operation has focussed on the removal of fuel, however heavy weather has hampered pumping operations allowing for only six days of pumping.

The ship was carrying 447 tonnes of fuel and 617 containers when it ran aground. The Taiwanese Environmental Protection Administration reports there are still over 200 tonnes of fuel aboard the ship.

The fuel slick has already fouled more than a mile of coastline, according to media reports. *gCaptain* [Read more and see photos](#)

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

AUSTRALIA: SPILL CONTROL KITS COLOUR & LABELLING STANDARD LAUNCHED

March 22 - AusSpill Association (AA) members have adopted an industry standard for spill kit colouring and labelling, to provide industry and consumers with easier and safer identification – to be phased in by late 2017.

Other news reports from around the world (continued)

Established in 2012, AA represents Australian spill control manufacturers, resellers/wholesalers & importers as a single voice to government, the public and the environment protection industry.

Launching the industry standard today, AA Chairman Trevor Prentice said the standard would be phased in over the next 12 - 18 months. He said spill kits currently consist of a confusing variety of wheelie bin & lid colours which have varying identification labels.



AusSpill's research showed that on many occasions, the incorrect spill kit was being selected. Key examples of the issues created by the lack of a spill kit standard include:

- On a site where there are similar coloured bins to the spill kit (often used for waste or other storage) the recognition of a spill kit would be by reading the label only. This presents difficulty in cases where English is not easily understood.
- Where a spill kit has not been correctly identified, its use on an incompatible fluid can cause safety and environmental risks or non-performance.
- Current spill kit label terminology can vary and be confusing for the user. For example the terms "General Purpose" and "Universal" are both used to describe a similar type of spill kit and users often misunderstand when and how these spill kits should be used.

Mr. Prentice said the new industry standard overcomes these problems. The standard shall require that all wheelie bin spill kits will have a lime green base, with individual bin applications being identified by the following new lid colours:

- Oil & Fuel Only: white
- General Purpose: grey
- Hazchem: yellow

AusSpill News Release [Website](#)

CANADA: TRANSCANADA EMERGENCY CREWS PARTICIPATE IN MOCK OIL SPILL TRAINING EXERCISE IN MOOSE JAW

March 23 - TransCanada crews were out responding to a simulated oil spill at their Keystone pipeline system in Moose Jaw. It was all part of a two-day mock training exercise with over 100 people participating.

"We're simulating an oil spill, on our Keystone pipeline and testing our personnel." The exercise is called Operation Snowball.

"We kicked it off with a phone call that indicated that a backhoe had struck our oil pipeline, the Keystone pipeline, just northeast of Moose Jaw," TransCanada spokesperson Shawn Howard explained.

"We're working with regulators, and other first responders so they know what their role would be if something happened."

TransCanada said oil spills and leaks are extremely rare but can happen. About 80 people were co-ordinating proper protocols inside at the Incident Command Post, the pulse of the operation. *Global News* [Read more and watch video](#)

NIGERIA: NIGER-DELTA OIL SPILL CLEAN-UP TO BEGIN IN 3 WEEKS – BUHARI



March 21 - President Muhammadu Buhari has assured people of the Niger Delta that his administration would commence the clean-up of oil spill in the region in three weeks' time

The assurance was given in Enugu State on Thursday by the president's special adviser on Niger Delta and coordinator of the presidential amnesty programme, Brig-General Paul Boroh (retd).

Speaking at the commissioning of the skills acquisition and training in automobile technology and manufacturing of plastics by about 200 former Niger Delta militants under the sustainable reintegration programme in the presidential amnesty initiative, Mr. Boroh said the clean-up will start from Ogoni land.

"The clean-up exercise will begin at Ogoni in three weeks' time and progress to other parts of the Niger Delta region. We have gone to visit the area to assess the level of damage and a lot of people from the region will be involved in the exercise", he said. *Information Nigeria* [Read more](#)

NORWAY: TESTING CLEAN-UP PREPAREDNESS OFF SVALBARD



A recent planning conference has set objectives for an oil spill response exercise planned by the Norwegian Coastal Administration (NCA) in cooperation with the governor of Svalbard.

March 15 - This Svalbard Exercise 2016 is due to take place on 27-29 September, with attention concentrated on the risk of acute oil pollution in the Isfjorden area of the Arctic archipelago. The scenario will be a spill from a grounded ship.

“We’ve so far been spared serious incidents which involve cleaning up acute pollution in the Arctic,” explains Johan Marius Ly, the NCA’s director of emergency preparedness. “If an accident occurs off Svalbard, the problems will be different from those faced further south. So it’s important to stage an exercise here to identify possible challenges.

The exercise will be a cooperative effort at the strategic, operational and tactical levels, and is due to be implemented as a combined field and staff operation.

Completed by the NCA in 2014, the emergency preparedness analysis for Svalbard and the Arctic island of Jan Mayen recommended a major exercise based on one of its analysis scenarios. “On that basis, it’s appropriate to stage a major exercise around Svalbard in 2016,” says Ly.

Svalbard Exercise 2016 will concentrate on such aspects as notification procedures and the NCA assuming command of an incident response in Svalbard. Other concerns include interaction with the governor of Svalbard in all phases of the response, and effective response leadership and on-site command.

Also in focus are collaboration between government and private emergency response resources, logistics operations, and identifying possible improvements to existing plans and equipment.

The exercise will be planned and executed in close collaboration with Svalbard’s administration, reports Police Chief Superintendent Jon Starheimsæter, chief of staff to the governor.

“It’s important for us to test applicable plans, our own capacities in the shape of depot forces, helicopter resources and service vessels. That also applies to response times and durability, and not least to the collaboration mechanisms incorporated in our existing plans”. He adds that lessons from the exercise will occupy a key place in the future development of emergency preparedness for pollution in the islands. Kystverket [Read more](#) [Thanks to Marianne Henriksen of the Norwegian Coastal Administration]

TAIWAN, CHINA: ONE-TENTH OF GAS STATIONS POLLUTED

March 23 - Almost 10 percent of the nation’s gas station sites are polluted, the Environmental Protection Administration’s (EPA) Soil and Groundwater Remediation Fund Management Board said yesterday.

The board said it had completed a survey of the nation’s 2,700 gas stations and found pollution at 256 sites, 102 of which are still under control and undergoing remediation.

Soil pollution at gas stations is generally caused by leaking or rusty underground pipes or tanks, causing gasoline and other contaminants to spill into the soil, the board said.

“Operators of polluted gas stations have to propose and execute remediation measures at their own expense, and pollution sites cannot be traded until they are decontaminated,” the board’s Comprehensive Planning Section director Ho Ching-jen said. *Taipei Times* [Read more](#)

UK: UKSPILL AWARDS: SHORT LIST ANNOUNCED

March 24 – UK Spill now has a shortlist of companies and individuals vying to be winners of the first UKSpill Awards, the entries will be judged by an independent and experienced jury, and the winners announced at the Awards ceremony at the Annual Dinner on 26 April. There are 4 award categories, International Responder, Domestic Responder, Manufacturer/Services, and Individual. The companies shortlisted are Spill Response Wales, Oracle Environmental Experts/Oil Facilities, Adler and Allan, Oil Spill Response Ltd., Vikoma, OHES, Owls-Surveillance, Questgates and RAW.

The Awards are sponsored by Darcy Spillcare, OHES, Lamor, and CSG. In addition to winners of each category receiving a trophy, the winner of the Individual Trophy will receive a cheque for £500. The Awards will take place at the Watermen’s Hall immediately after the Dinner. Places are limited, so members are asked to book as soon as possible.

Other news reports from around the world (continued)

USA: BSEE ASSISTS IN OPENING OIL SPILL RESPONSE TEST BURN TANK

March 21 - The Bureau of Safety and Environmental Enforcement (BSEE) helped oversee and execute a series of test in situ burns in the newly opened burn tank at the Joint Maritime Test Detachment in Mobile, Ala., to evaluate burns and train teams to respond to open water oil spills. The test burns were conducted in conjunction with the U.S. Coast Guard and U.S. Navy, with extensive coordination with local government officials. Each test burn is planned and executed to ensure it meets local environmental and emergency [management](#) requirements. An In situ burn is the intentional, controlled burning of oil, a strategy that was used extensively during the response to the Deepwater Horizon tragedy.

The opening of the facility was a collaborative effort between BSEE's Oil Spill Preparedness Division, the U.S. Coast Guard's Research and Development Center, and Naval Research Lab. The Bureau provided \$458,000, contributing an analysis to find gaps in current knowledge of in situ burn techniques and support for the renovation and refurbishment of the Joint Maritime Test Detachment burn tank located on Little Sand Island just off the coast of Mobile, Ala. The above ground tank, which had been dormant for over 17 years, has been resurrected to provide a place where equipment manufacturers, regulators, and researchers can perform burns to test containment boom, ignition devices and methods, and monitoring equipment. Training first responders on how to safely conduct in situ burns will also take place at the facility. Through testing and training at the facility, the efficiency of this critical offshore oil spill response strategy will be steadily improved. *World Oil* [Read more](#)

USA: US URGES FINAL APPROVAL OF \$20 BILLION BP OIL SPILL PACT

March 22 - Federal lawyers on Tuesday formally asked a judge in New Orleans to approve a record-breaking \$20 billion-plus settlement agreement announced last July by the Department of Justice and five Gulf Coast states to resolve years of legal fighting about the 2010 Gulf oil spill.

The settlement included \$5.5 billion in civil Clean Water Act penalties and billions more to cover environmental damage and other claims by the states and local governments.

U.S. District Judge Carl Barbier had found BP "grossly negligent" in the offshore rig explosion that killed 11 workers and caused the 134 million gallon spill. Barbier did not immediately rule in the government motion, which was accompanied by thousands of pages of exhibits, including statements gathered during a public comment period. *St Louis Post-Dispatch* [Read more](#)

USA: BSEE STUDIES ARCTIC RESPONSE CHALLENGES AT ICE CAMP

March 23 - The Bureau of Safety and Environmental Enforcement (BSEE) will test a Geo-Referencing Identification Satellite (GRIDSAT) tag project today at the U.S. Navy's Ice Camp Sargo, a temporary station on top of a floating ice sheet in the Arctic as part of Ice Exercise (ICEX) 2016.

The bureau will be testing the deployment and communication of the system, leaving several marking devices on the ice floe for long-term duration studies. Two methods of deployment will be used, one by a helicopter aerial drop of two GRIDSAT tags with floe spikes and another by manually inserting one GRIDSAT tag using an ice screw technique. If an oil spill were to occur in the Arctic, both methods would be utilized to tag and track spilled oil either trapped under or encapsulated in Arctic sea ice.

The extreme conditions in the Arctic, especially the presence of sea ice, create unique challenges to the identification, tracking and response to an oil spill, should one occur. The GRIDSAT radio/GPS marking device can be left on an ice floe to track the movement of the floe and entrapped oil for a period of up to nine months.

Oil Spill Preparedness Engineers and Specialists from BSEE are part of a diverse and multi-national team with more than 200 participants from more than 35 organizations coming together to support over 25 test objectives at ICEX 2016. The Bureau's activities support both the ICEX 2016 Arctic research program and the Bureau's ongoing efforts to address challenges associated with energy exploration in the Arctic.

The ICEX 2016 is a five-week exercise designed to assess the operational readiness of the U.S. Navy's submarine force while also continuing to advance scientific research in the arctic region. The U.S. Navy's Arctic Submarine Laboratory, based in San Diego, serves as the lead organization for coordinating, planning and executing the exercise involving two submarines and multiple nations. Source: THE BUREAU OF SAFETY AND ENVIRONMENTAL ENFORCEMENT Office of Public Affairs

People in the news

NEW GENERAL MANAGER AT FAST ENGINEERING



Adam Holland was appointed as General Manager at Fast Engineering in 2015 and after 6 months in the job, he is now assisting the company with the implementation of its future growth and research & development activities.

Adam is a Chartered Civil Engineer with almost 20 years' experience in Design Consultancy and Contracting. He started his career as a Drilling Engineer for a large drilling contractor on North Sea offshore production well projects before moving into Consultancy with RPS Group where he delivered multidisciplinary Maritime, Port and Offshore Renewable Energy projects as Technical Director. More recently Adam worked for McLaughlin & Harvey Ltd where he was responsible for the company's innovative subsea drilling research & development initiatives as well as holding a wider Business Development role within the Civil and Marine Construction Division.

People in the news (continued)

Adam has already started to deliver Fast Engineering's innovative Research and Development projects, which include optimisation of the FASTANK 2000 and material selection for extreme environments. He looks forward to the development of new products in the not to distant future and will also assist Managing Director Seamus Connolly in driving the company's ambitious growth plans which include diversification into new sectors and regions, and consolidation in existing markets including oil spill response and preparedness. <http://fastank.com/>

ISCO news

MEETING OF THE JOINT ISCO-BIMCO WORKING GROUP

The WG on developing a standard international contract for marine spill response will hold its second meeting in London on Wednesday 30th March.

Special feature

SHORELINE CLEAN-UP – PART 11

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 (continued)

Sandy beaches

On shores with coarse grained sand the waves bring the oil up the beach then the water sinks into the sand as it returns to the sea.

This action leaves the oil stranded in thin lines.

Unless great care is taken huge amounts of sand will be removed with very little oil.

This work is done with shovels or in some cases sorbent boom is strung out and rolls up the beach with the waves and picks up the oil on the outside of the boom.

Normally, oil can be removed manually from beaches of fine compacted sand without much difficulty, using hand tools and well-organised teams of workers.



In the event that it is necessary to use mechanical equipment to scrape off the contaminated sand or to transport recovered residues, it should always be done by experienced people.





Care must be taken not to remove excessive quantities of sand, thus generating a large quantity of material requiring off-site treatment and disposal.





Care should also be taken not to mix the oil deeply in the substrate.

Manual collection of oil is generally preferable to mechanical removal.

Final clean-up operations may include manual removal of tar balls or larger fragments of oil pancakes.

Special feature (continued)

 Response Coarse sand	Light	Medium	Heavy
			
Natural	●	●	●
Water flooding	●	●	●
Cold water - Low pressure	●	●	●
Mechanical	●	●	●
Sediment Transfer	●	●	●
Manual	●	●	●
Absorbents	●	●	●

 Response Fine sand	Light	Medium	Heavy
			
Natural	●	●	●
Water flooding	●	●	●
Cold water - Low pressure	●	●	●
Mechanical	●	●	●
Manual	●	●	●

What to do:

- Consider amenity usage of affected area, influence of season and ecological advice to determine degree of clean-up
- Bear in mind that oil may be buried and further clean-up may be necessary
- Herding agents may reduce oil adhering to the sand. Permission may be necessary
- Slightly oiled material may be moved to the surf zone where wave action will accelerate biodegradation
- Consider manual versus mechanical clean-up
- On site incineration would reduce material for transport if permitted.
- Attempt to restore the shore to its original formation and level
- Protect cleaned areas against being re-oiled with booms
- Arrange transport for oiled waste

What not to do:

- Do not use fresh water
- Do not over-clean
- Avoid people or vehicle traffic over contaminated areas
- Avoid excavating unaffected material
- Avoid burying oily material
- Avoid disturbing vegetation mainly at access points

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 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.

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

AMSA Aboard	News from the Australian Maritime Safety Authority	February 2016
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	February 2016
CROIERG Enews	Canberra & Regions Oil Industry Emergency Response Group	Current issue
EMSA Newsletter	News from the European Maritime Safety Agency	March 2016 issue
Environmental Technology Online	Environmental Monitoring, Testing & Analysis	March 2016 issue
IMO News Magazine	News from the International Maritime Organization	No 4, 2015
IMO Publishing News	New and forthcoming IMO publications	March 2016
Intertanko Weekly News	International news for the oil tanker community	No 13, 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	March 23, 2016 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	News from US EPA – Contaminated site decontamination	February 1-15, 2016
The Essential Hazmat News	Alliance of Hazardous Materials Professionals	Feb 29, 2016 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	March 1, 2016
USA EPA Tech News & Trends	Contaminated site clean-up information	Fall 2015 issue
WMU Newsletter	News from the World Maritime University	March 2016 issue

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

Events

IMO: MARINE ENVIRONMENT PROTECTION COMMITTEE

This meeting takes place at IMO HQ in London from 18/04/2016 to 22/04/2016

UK: THE 3RD PREMIAM CONFERENCE



The Premiam partners are very pleased to announce that the 3rd [Premium Conference](#) will be convened in London on Wednesday 22nd June 2016 in London.

The aim of the [Premium conference](#) is to provide a forum for scientists, regulators, environmental advisors and other professionals working in the field of marine oil/chemical spill monitoring and impact assessment to share experience, best practice and knowledge with the wider marine emergency response community. This event will cover the importance of preparedness, coordination and the use of best practice science and technology in marine environmental monitoring and will pose important questions regarding the status of existing arrangements.

Previous events, in 2012 and 2014, were a great success so come and join the debate and learn about the latest scientific and organisational developments in the field of post-spill monitoring. The 2016 conference will offer plenty of opportunity for networking and promises a great line up of speakers from across the public and industry sectors including Cefas, the Maritime and Coastguard Agency, Environment Agency, Oil and Gas UK, Natural England, ITOFF, BP, OSRL and others. Booking for the event is now OPEN!

Please book your places via [Eventbrite \(https://www.eventbrite.co.uk/e/the-3rd-premium-post-spill-monitoring-conference-registration-22508203643\)](https://www.eventbrite.co.uk/e/the-3rd-premium-post-spill-monitoring-conference-registration-22508203643) or contact for sponsorship opportunities contact ConServe Conference Services at ConServe2016@gmail.com or 07759 134801. For other Premiam and post-spill monitoring issues please contact the Premiam initiative coordinator, Mark Kirby, on mark.kirby@cefass.co.uk

To keep up to date with the latest news about the conference and the wider Premiam initiative please follow us on https://twitter.com/Premiam_Spill

UPCOMING EVENTS SUMMARY

COUNTRY	2016	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
USA	April 5-7	2016 SCAA Annual Meeting & Conference	Washington
JAPAN	April 7-8	NOWPAP 14th GEARAC 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
AUSTRALIA	April 22	Launch of Tanker Emergency Response Video	Alexandria NSW
UK	April 25-27	IOPC Funds Meetings	London
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
UK	May 17-18	Edie Live - Sustainability and Resource Efficiency	Birmingham
RUSSIA	May 18-20	13th POMRAC Focal Points Meeting	Vladivostok
CURACAO	May 19-20	RAC/REMPEITC-Caribe Steering Committee Mtg.	Curacao
NIGERIA	May 23-25	National W'shop on Spill Compensation & Modelling	Abuja
NETHERLANDS	May 24-26	Bon Agreement WG on Counter Pollution Activities	Scheveningen
SINGAPORE	May 24-27	Intertanko Annual Tanker Event 2016	Singapore
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
UK	June 22	3rd Premium Conference on Post-Spill Monitoring	London
INDIA	August 11-12	Oil Spill India	Mumbai
INDIA	Sept. 12-14	International Rivers Symposium	New Delhi
INDIA	Sept. 22-24	India Clean Seas Conference 2016	Goa
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			

Training

UK: DECC TRAINING FROM OSRL – SPECIAL OFFERS

2 for the price of 1 on [DECC 2](#), [DECC 3](#) and [DECC Refresher](#)

Buy 1 place and get one place at half price on [DECC 4](#)

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Free DECC Training Webinar - To coincide with these offers we will be running DECC Training webinars 30 March. (08.00-09.00, 15.00-16.00).

Hosted by our Aberdeen team, the main learning objective is to give you a better understanding of the training levels required to meet DECC standards. To find out more and to register [click here](#)

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