ISCO NEWSLETTER

The Newsletter of the International Spill Response Community

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info@spillcontrol.org http://www.spillcontrol.org

ISCO & THE ISCO NEWSLETTER

The ISCO Newsletter is published weekly by the International Spill Control Organisation, a not-for-profit organisation supported by members in 45 countries. ISCO has Consultative Status at IMO, Observer Status at IOPC Funds and is dedicated to raising worldwide preparedness and co-operation in response to oil and chemical spills, promoting technical development and professional competency, and to providing a focus for making the knowledge and experience of spill control professionals available to IMO, UNEP, EC and other organisations.

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International news

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

NEW ASSESSMENT OF MARINE SPECIES AND POLLUTION IN THE NORTH-EAST ATLANTIC

Above: The Irish Minister of State for Housing and Urban Renewal, Damien English, and Minister Thérèse Coffey M.P. - UK, Under Secretary of State at the Department for Environment Food and Rural Affairs – opened the meeting which was held in Cork, Ireland.

July 24 - The 2017 meeting of the OSPAR Convention for the Protection and Conservation of the North-East Atlantic, co-hosted by Ireland and the UK, engaged key international environmental policy makers. The meeting saw the finalisation and launch of OSPAR's Intermediate Assessment 2017, assessing the health of marine species and levels of pollution, such as marine litter and contaminants, across the North-East Atlantic.

The results of the assessment will be used to judge progress towards OSPAR's vision of a clean, healthy and biologically diverse North-East Atlantic Ocean. The Intermediate Assessment 2017 demonstrates that OSPAR is successfully addressing pollution from hazardous and radioactive substances, eutrophication, and discharges from the offshore oil and gas industry, and that there is a need to continuing to develop measures to protect vulnerable species and habitats. *OSPAR* Read more

UN ENVIRONMENT IN IRAQ

July 25 - Erik Solheim, Head of UN Environment visited Iraq to see for himself the environmental destruction in the aftermath of the armed conflict against ISIL. At Al Qayyara, 20 oil wells were left burning. *UN Disasters and Conflicts* **Click here to see the video**

PROFESSIONAL MEMBERSHIP

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International news (continued)

PLASTIC GARBAGE PATCH BIGGER THAN MEXICO FOUND IN PACIFIC

July 25 - Yet another floating mass of microscopic plastic has been discovered in the ocean, and it is mind-blowingly vast.

A new discovery of a massive amount of plastic floating in the South Pacific is yet another piece of bad news in the fight against ocean plastic pollution. This patch was recently discovered by Captain Charles Moore, founder of the Algalita Research Foundation, a non-profit group dedicated to solving the issue of marine plastic pollution. Moore, who was the first one to discover the famed North Pacific garbage patch in 1997, estimates this zone of plastic pollution could be upwards of a million square miles in size.

The team is currently processing the data and weighing the plastic so they can get a handle on exactly how much garbage they've discovered in this area off the coast of Chile and Peru. *National Geographic* Read more and watch video

Incident reports

USA: OREGON – SUNKEN FISHING BOAT LEAKING FUEL ALONG COAST

July 16 – Coast Guard crews are responding to a fishing vessel that sunk and is leaking fuel on the Oregon coast in the town of Warrenton Sunday.

Global Diving and Salvage response crews were also deployed to the scene to conduct operations in the clean-up. *King5.com* Read more [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: ALASKA - BP LEAK INVESTIGATION LED TO SHUTDOWN OF 5 MORE WELLS

July 17 - BP was forced to shut down five at-risk wells on the North Slope after investigating an oil leak that happened this April. That's according to a report the company provided to the Alaska Oil and Gas Conservation Commission (AOGCC).

BP told AOGCC that the April leak was most likely caused by thawing permafrost, which put uneven stress on the well. Eventually, the surface casing at the top of the well gave out. This caused the wellhead to rise up several feet, hit the top of the well house and knock off a valve, which spewed oil and gas. *AlaskaPublic.org* Read more [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

INDIA: FUEL TANK OF GROUNDED VESSEL WILL BE EMPTIED TODAY: COP

July 19 - The process to remove fuel from the casino vessel MV Lucky Seven that had run aground off Miramar beach on Sunday was started on Tuesday, said Captain of Ports James Braganza.

Speaking to this daily, Braganza said the fuel pumping commenced on Tuesday and is likely to be completed by Wednesday. The fuel is being removed to avoid spillage and pollution, he said.

Photo: Workers involved in hauling barrels aboard the casino vessel off Miramar beach to remove fuel

July 19 - Fuel of over 40 barrels has already been removed from the tank and is ready for transportation to save oil spill, stated the workers busy at the site at Miramar.

On Tuesday evening, crew members were engaged in removing fuel and transferring it into barrels which are then properly sealed and with the help of ropes pulled ashore. Around 15-20 labourers were seen pulling the barrels towards the coast and arranging for transportation. *NavHindTimes* Read more [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

UK: OIL GIANT ACCEPTS RESPONSIBILITY FOR SPILL AFFECTING FYLDE COAST

July 19 - Samples taken from beaches across the Fylde coast show the oil washed up there came from an off-shore complex, the Maritime and Coastguard Agency (MCA) said. Analysis of the chunks - washed up as far south as the mirror ball at South Shore and as far north as Knott End and the River Wyre - showed the Douglas Complex as the origin, a spokeswoman said. Based 15 miles off the coast of North Wales, the three-platform rig is the nerve centre of drilling operations in Liverpool Bay and is run by oil giant Eni.

Initially described as a 'small' problem, the incident escalated as oil was reported on beaches up and down the coast, leading to specialist oil firm Braemar Response being called in to help with the clean-up. *Blackpool Gazette* Read more [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

SINGAPORE: OIL SLICK TARS STRETCH OF EAST COAST PARK

The oil slick at East Coast Park, near the Central Thai restaurant and Carpark F2, yesterday.ST PHOTO: LIM YAOHUI

July 20 - A 400m-long portion of beach area affected, clean-up operations will start at first light today.

Black patches of oil washed up on a stretch of East Coast Park yesterday, leaving parts of both the shoreline and waters covered with the substance.

Contractors from the National Environment Agency (NEA) were spotted near the affected beach area - which NEA said was about 400m long. NEA said that clean-up operations will start today "at first light". *Straits Times* Read more

NEW CALEDONIA: PHOTOS: EFFORTS TO SALVAGE KEA TRADER CONTINUE

July 24 - Salvors from Dutch firm Ardent are preparing to pump bunkers and lubricants off the grounded container feeder Kea Trader, which ran onto Durand Reef off New Caledonia in the early hours of July 12. Transfer operations are expected to begin later this week.

The newly built Trader went aground at sea speed and pushed well up onto the reef. Authorities say that she is in a stable position, and the risk of

Incident reports (continued)

major pollution is not imminent. On Friday, divers surveyed the Trader's hull and found that she was much less damaged than many had feared.

As of Monday, about three dozen people involved in the recovery mission were at the scene or on shore nearby, plus the vessel's crew, who have remained aboard. The personnel include two experts from the Brest Center for Expertise in Pollution Control (CEPPOL). Five vessels and three barges are also in attendance, and the owner of the Kea Trader says that more are under way.

Media report that Ardent has been hired using the SCOPIC clause in the Lloyd's Form of Salvage Agreement. The clause guarantees the recovery of the salvor's expenses, but it reduces the maximum potential award for a successful salvage. *The Maritime Executive* Read more

BULGARIA: TURKISH GENERAL CARGO SHIP SUSPECT IN BLACK SEA POLLUTION

July 26 - Oil polluted a number of Bulgarian Black Sea beaches, Bulgarian Maritime Administration analyzed satellite photos and AIS tracks of the vessels which were in or near Bulgarian waters at the time of pollution, and found, that the main suspect is Turkish freighter NEHIR. General cargo ship was passing Bulgarian coast, in international waters, on July 22, en route from Turkey to Chornomorsk Ukraine, and during passage, dumped oily water into the sea. Ukrainian authorities were already warned and asked to assist in investigation. *Maritime Bulletin* Read more

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

AUSTRALIA: AMSA RELEASES VIDEO OF NATIONAL RESPONSE TEAM TRAINING EXERCISE

June 27 - AMSA takes a leading role in protecting Australia's marine environment from ship-sourced pollution. In May AMSA hosted a training exercise offshore from Cairns which simulated an oil spill at sea, and volunteers from our state and territory partners were tasked with launching a clean-up operation. Despite long days and choppy seas, the teams successfully completed their mission to contain and recover the spill. Field experience like this is invaluable in a real-life situation. *AMSA* Watch the video

CANADA: KILLER WHALES AT MOST RISK FROM OIL SPILL: STUDY

In the picture: Misty MacDuffee, researcher and co-author of an oil-spill study on Haro Strait.

July 25 - Local southern-resident killer whales are at the highest risk of death and long-term population impacts in the event of an oil spill in B.C.'s coastal waters, according to a new study of mammals and oil exposure.

Researchers used projections from Trans Mountain pipelines to estimate the dispersion of oil from a tanker incident in Haro Strait, near Victoria, and overlaid that with both the range and behaviours of common marine mammals.

Both northern- and southern-resident killer whales and sea otters are at the most risk, said co-author Misty MacDuffee, but 18 of the 21 mammals considered are at high risk. *Vancouver Sun* Read more

CANADA: REPORT SAYS MARINE OIL TANKERS LESS LIKELY TO SPILL OIL THAN PIPELINES OR TRAINS

July 27 - A new report from free market think tank the Fraser Institute says that marine tankers are less likely to spill petroleum than pipelines or rail, based on spills per million barrels shipped.

The report, titled Safety First: Intermodal Safety for Oil and Gas Transportation, looks at the safety of marine tankers after the approvals of three pipeline projects: Trans Mountain, Keystone XL and Line 3.

Authors Kenneth Green and Taylor Jackson argued that marine tankers are safer because they spill less than 0.001 per million barrels of oil shipped (Mboe).
Global News Read more and watch video

USA: NOAA - OR&R PRESENTS AT GULF OF MEXICO RESEARCH INITIATIVE WEBINAR FOR RESEARCHERS

July 28 - On July 26, Representatives from OR&R's Emergency Response and Assessment and Restoration Divisions presented to researchers associated with the Gulf of Mexico Research Initiative on the continuum of spill response roles of the office, from emergency response through injury assessment and restoration.

Scott Lundgren and Daniel Hahn explained the Scientific Support and Damage Assessment Remediation and Restoration Programs, respectively, and drew connections to Gulf of Mexico Research Initiative research. This outreach relates to a wider effort to enhance office connections to researchers and studies under this initiative to foster connections and incorporation of scientific advances into response and restoration. The webinar was recorded and is available for wider use and awareness among research community members unable to participate on the 26th.

For more information, contact Scott.Lundgren@noaa.gov or Daniel.Hahn@noaa.gov *OR&R Weekly Report*

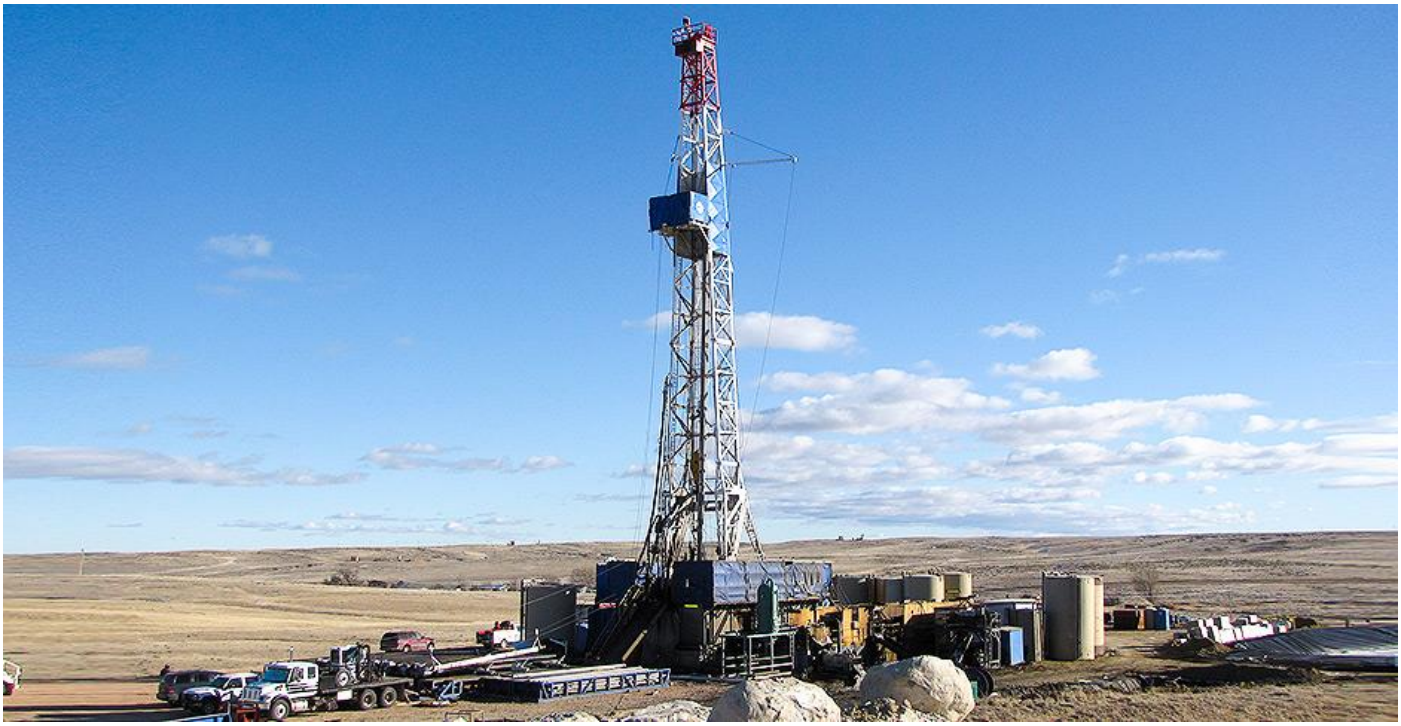
USA: NEW MEXICO - IT'S A TEST, ONLY A TEST: NM GUARD TO PRACTICE RESPONSE TO 7.0 EARTHQUAKE

July 26 - It's a test, only a test. From August 3 – August 10, 2017 state, local, tribal and federal partners will be participating in drill that will simulate a coordinated response to a 7.0 magnitude earthquake.

The simulated mock emergencies will allow the New Mexico National Guard and organizers to test and evaluate response capabilities needed in case of a disaster – such as the simulated earthquake – or other emergencies like wildfires and floods. Some of these capabilities include communications, search and rescue, food and water distribution, and others.

Portions of the exercise will also simulate emergencies such as hazardous material response, search and rescue, and other events that could come with a potential disaster such as a train derailment and chemical spill. *Krqe.com* Read more

USA: OIL FIELD SPILLS DOWN 17% LAST YEAR



July 27 - The number of spills and other mishaps at oil and gas sites fell sharply again last year, in line with decreased drilling. An E&E News review of spill records indicates that spills declined about 17 percent during 2016 compared to the previous year.
Oil field activity, as measured by the Baker Hughes Rig Count, fell about 15 percent. Oil and gas production also declined, but not as steeply. The review found at least 8,519 spills in 14 producing states. That's an average of about 23 spills a day across the United States. *Eenews.net* Read more

News reports from around the world (continued)

USA: BILL WOULD UPDATE GREAT LAKES OIL SPILL RESPONSE MAPS

July 28 - Federal maps which assess coastal resources in the Great Lakes that could be harmed by an oil spill would be updated for the first time in decades under bipartisan legislation in the U.S. Senate.

On July 17, U.S. Sens. Gary Peters, D-Michigan, and Todd Young, R-Indiana, introduced Senate Bill 1586, which directs the National Oceanic & Atmospheric Administration (NOAA) to update the Environmental Sensitivity Index (ESI) maps in the Great Lakes.

According to Peters' office, the last time Great Lakes maps were updated was between 1985 and 1994, depending on the location, while some maps of the East Coast, West Coast and Gulf Coast were updated within the last five years and are online in easy viewing formats.

The bill would authorize $7.5 million for the project and require the maps be updated every seven years. *Mlive.com* Read more

NO NEWS FROM YOUR PART OF THE WORLD?

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. To make it easier for readers in other parts of the world to contribute stories your editor is considering options to include links for interesting articles in other languages.

One option could be to print the report headline only in English and another language. A short introductory paragraph in the reader's own language could follow together with the source (for example, name of the publication) and a link that would allow the reader to access the complete article in his/her own language.

If you come across a report or an article that you think worth sharing with other members of the response community, why not send it to the editor at info@spillcontrol.org

People in the news

KELLY REYNOLDS LEAVES ITOPF

July 24 – News received from ITOPF - We are sad to see the departure of Kelly Reynolds, a Senior Technical Adviser, who left ITOPF on 21st July. Kelly has been with ITOPF since 2008, having previously worked for the UK Maritime and Coastguard Agency in the Counter Pollution Response Branch. During her nine years with us she attended over 20 incidents across Europe, Scandinavia, South America, Asia and the Caribbean and anchored colleagues at many others. In addition to her response work, she also undertook contingency planning and advisory assignments and covered a wide variety of training and lecturing commitments during workshops, seminars and international conferences. We wish Kelly well with her future plans and hope we may have opportunities to work together again. http://www.itopf.com/

ISCO News

MINUTES OF THE 2017 ISCO AGM HELD AT IOSC, LONG BEACH, CALIFORNIA, USA

The minutes have been sent out by email to all members on our mailing list. If you have not received the AGM Minutes please let the Secretariat know by email to info@spillcontrol.org so that the list can be updated.

Receipt of the AGM Minutes is not a confirmation that you are a member in good standing. The members' list is due for updating because it currently includes some members who have allowed their membership to lapse.

If payment of your membership fee is overdue your name or your company's name will soon be removed from the roll of members but you can avoid this by paying on line by clicking HERE. Select the appropriate kind of membership and click the "Pay Now" button. Select the option "Pay with debit or credit card" and enter your details. If you need any help, send an email to info@spillcontrol.org

FOR ISCO MEMBERS – A $50 DISCOUNT FOR CONFERENCE PASS AT CLEAN GULF 2017

ISCO Members in good standing qualify for a $50 discount on the cost of registration for the Clean Gulf Conference being held on 5-7 December 2017 in Houston, Texas, USA. To take advantage of this special offer click on https://l.feathr.co/v0/clean-gulf-2017-isco-c. ISCO supports this conference and recommends that you attend.

OIL SPILLS: INLAND RESPONSE GOOD PRACTICE GUIDELINES FOR INCIDENT MANAGEMENT AND EMERGENCY RESPONSE PERSONNEL

Part 6 of a new serialised article contributed by IPIECA and IOGP

Response techniques

The suite of response techniques appropriate to inland aquatic spills is not the same as for marine spills. The larger containment and recovery equipment (e.g. ocean booms and skimmers) used on marine spills are generally inappropriate for use on the smaller water bodies encountered inland. However, smaller-scale containment and recovery equipment, as typically used nearshore in coastal spills, will be suitable for many inland water bodies. If the use of booms is considered, it should be noted that there are specific deployment tactics for their use in fast flowing waters. For oil stranded on freshwater shores, manual recovery of the oil is likely to be the dominant approach in many countries. The use of dispersants is typically limited to marine waters deeper than a specific minimum depth and beyond a specified distance from the coastline, where dilution can quickly mitigate the impact of dispersed oil and facilitate biodegradation; furthermore, dispersants are not usually formulated for use in fresh water and, as such, are much less effective in a fresh water context. This technique is therefore not normally considered for an inland response. Controlled in-situ burning, however, may be suitable for use in a wide variety of inland habitats.

Oiled wildlife response procedures and processes are almost identical for both inland and marine oil spills. Oiled animals in inland spills may include domesticated livestock or pets.

Oiled waste must be collected, stored and disposed of in accordance with applicable government regulations. The principles of waste minimization and segregation apply. In contrast to offshore spills:

- liquids recovered from spills at fixed facilities may be recycled back into storage tanks at the facilities; and
- contaminated soils may be removed or remediated in place.

Oil from smaller spills is often recovered using sorbents, and relatively large amounts of oily solid waste may be generated for disposal. Most countries have regulations that treat these wastes as hazardous, requiring greater levels of analysis and care in handling.

Isolating sites for safety reasons and keeping the public away from the clean-up crews and the oil may be difficult if the oil is on, or adjacent to, their land or property. Participation in the decision-making process by the public and their elected local representatives can be intense and can easily divert response leadership from the operational aspects of aspects of cleaning up the oil. Challenges facing the incident management team can include relocating families, supplying drinking water, reopening roads, and handling claims for damages and lost income.

Containment and recovery

Containing spilled oil and then manually or mechanically recovering it is by far the most common inland response technique. The concepts are simple and many operations do not require special equipment - an important factor when an oil spill might occur at a considerable distance from a stockpile of specialized response equipment. Containment is used to prevent the spilled oil from spreading and to concentrate it in quantities that can be more easily recovered. The types of equipment used range from local construction materials and earthmoving equipment to smaller versions of the booms and skimmers used in offshore and nearshore marine spills.

Contributed article (continued)

Photos: Below left, piles of soil used to contain spilled gasoline; Below right, sorbents being used to contain oil for recovery

Most aquatic inland oil spills originate as spills on land. Responders initially want to keep the oil from flowing into surface waters and from penetrating into the ground. If spills are on impenetrable surfaces, responders will construct berms or other barriers to keep the oil contained. Sorbent booms have been used for the same purpose on small spills. Drains for storm water runoff are often protected by blocking them off with specially designed covers or by placing sheets of plastic over them weighted down with sand piles or sandbags.

Small streams and ditches are often dammed with local construction materials such as clay and gravel. This is especially useful when containment booms are not readily available or cannot be deployed because the stream is too narrow, or the current is too fast or the depth too shallow. Underflow dams use pipes installed through the dam to allow water to pass while retaining surface oil for collection. In deep streams, pipes just need to be placed at the bottom of the stream bed to allow the water to pass. Care must be taken to provide enough capacity for the flow of water, otherwise the dams may be washed away. For shallower streams where the constructed dam raises the water level, the pipes, or at least some of them, may be angled with the high ends on the downstream side of the dam providing a means to regulate the water level. Increased run-off due to rain or snow melt can overwhelm the flow-through capacity of these temporary dams, hence it is advisable to monitor the weather to ensure dams are appropriately constructed, maintained and able to retain their integrity. Locations for these dams should be chosen so that water does not spill out of the stream onto adjacent terrain and result in unintended exposures upstream of the dam.

Photos: Below left, underflow dam with angled pipes to raise the water level and allow surface oil to be retained for collection; Below right, Underflow weir using plywood sheet.

Sheets of plywood can be used effectively to block culverts, ditches and very small streams. These need to be cut into the stream bank and secured. If there is flow in the stream or ditch, they can be raised off the bottom to create a simple underflow dam. Some wooden dams can be pre-constructed and inserted where needed or they can be built on-site. They will often have a centre section which can be raised and lowered to control the water level and trap oil. As with the other damming techniques, the function of these structures needs to be monitored for flow changes and maintained for structural integrity.

Containment booms are designed to control the oil floating on water. Booms of different sizes are readily available for a variety of conditions. Small booms are usually used on rivers and streams because they possess relatively low freeboard and are easier to handle.

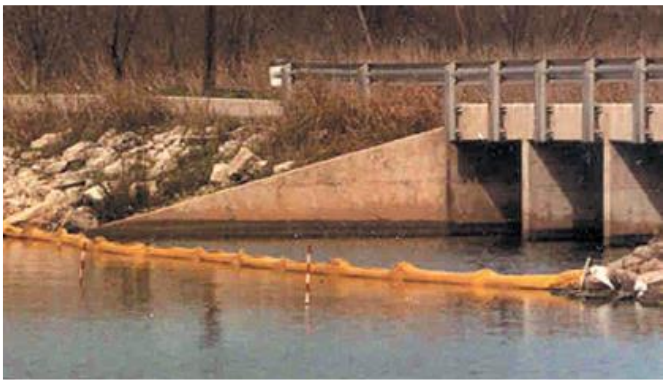


Photo: Left, booms used to exclude oil from side channels.

The physics of water flowing under a containment boom is such that very low water velocities (even below one knot or 0.5 metres per second) can cause oil to become entrained in the water flowing underneath a boom. As a result, containment booms are usually deployed at an angle to the water current direction so that the effective water velocity is reduced and no oil is lost. However, even sharply angled booms will fail to hold back oil in currents greater than three knots (1.5 metres per second). When current speed and direction varies due to estuarine tidal cycles, flood events and other normal water variations, it can be challenging to deploy containment booms that will continue to hold back flowing oil. The forces exerted on containment booms by flowing water are high, and a skilled crew is required for successful deployment of a boom (or booms) in the proper configuration, and for regular boom maintenance. In some instances, such as floods, it may not be practical to deploy booms due to worker safety considerations. Deployed booms should be monitored periodically to ensure proper function and adjusted as required.

Photos: Below left, booms used to divert oil to a collection point; Below right, a deflector is used to position the boom at the desired angle

Booms can be deployed to exclude oil from sensitive resources or to divert the oil to a collection point. For example, deflection booming may be used to deflect oil away from relatively small but particularly sensitive areas such as a water intakes. Multiple booms can be cascaded down a watercourse to achieve these aims. Booms need to be anchored to hold them in place. Deploying long sections of boom in a proper configuration with anchors and ropes can be difficult and time consuming. Boom deflectors have been developed that use the force of the flowing water to hold a boom in place.

To be continued next week

Training

FRANCE: NEW TRAINING COURSE FROM CEDRE - REAL OIL BEACHMASTER

Powerful and memorable learning occurs when people get to learn directly from their own experience. Now you can have the unique experience of working with real oil in our new Real Oil Beachmaster Course conducted in association with Cedre (Centre of Documentation, Research and Experimentation on Accidental Water Pollution).

Supervising an effective shoreline, port or harbour spill response is a key front-line role and requires specialist training, however, the opportunities to appreciate and face the challenges of dealing with a real oil spill incident are limited. Now this opportunity is possible. Conducted in English by OSRL experts, this course simulates an oil spill within various controlled environments, allowing you to experience working with real oil and apply theoretical knowledge in a truly practical sense.

The Real Oil Beachmaster course will take place on 20th-22nd September at Cedre's unique training facilities in Brest, France.

Find out more or book your place now.

Upcoming events summary

COUNTRY	2017	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
SINGAPORE	Sept. 4-6	Salvage & Wreck Asia	Singapore
NIGERIA	Sept. 5-7	National Workshop on Liability and Compensation	Abuja (TBC)
UK	Sept. 5-8	SPE Offshore Europe	Aberdeen
UK	Sept. 6-7	8th Maritime and Salvage Response	London
FRANCE	Sept. 12-14	Cedre Mariner Project Workshop	Brest
UK	Sept. 20-21	The Emergency Services Show	Birmingham
UK	Sept. 27-28	Contamination Expo Series 2017	London
FRANCE	Sept. 28	CEDRE Information Day – "Spills in Ports"	Paris
CANADA	Oct. 3-5	40th AMOP Technical Seminar	Calgary
TUNISIA	Oct. 10-11	Oiled Shoreline Clean-up W'shop & Tier1 Exercise	Sfax City
CANADA	Oct.30-Nov.1	Arctic Shipping North America Forum	Montreal
CHINA	Nov. 1-3	Oceanology International China	Qingdao
IVORY COAST	Nov. 6-9	GI WACAF Regional Conference	Abidjan
UAE	Nov. 13-16	Abu Dhabi Int'l Petroleum Exhibition & Conference	Abu Dhabi
UK	Nov. 29-30	11th Arctic Shipping Summit	London
USA	Dec. 5-7	Clean Gulf Conference and Exhibition	Houston, TX
	2018		
UAE	Feb 28 – Mar 1	Offshore Arabia Conference & Exhibition	Dubai
UK	March 13-15	2018 INTERSPILL Conference and Exhibition	London
UK	March 13-15	Oceanology International 2018	London
USA	April 4-5	Clean Waterways Conference	St. Louis, MO
FINLAND	April 17-20	Arctic Shipping Forum	Helsinki
UK	May 23-24	HAZMAT 2018	Stratford on Avon
USA	June 19-21	Clean Pacific Conference and Exhibition	Portland, OR
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

Company news

GRIFFON HOVERWORK TO CONDUCT OIL SPILL STUDY IN CASPIAN SEA

UK firm Griffon Hoverwork has signed an agreement with Kazakh state oil company KazMunayGas subsidiary KMGSS to clear oil spills and support offshore rigs in the Caspian Sea using hovercraft.

Griffon Hoverwork noted that in the first step it will carry out an environmental impact assessment, with a technology developed in collaboration with Southampton University to confirm that hovercraft will not impact local ecosystems. *Offshore Technology* Read more

Company news (continued)

AQUA-GUARD RELEASES VIDEO ON ITS TRITON SKIMMING TECHNOLOGY

This video highlights Aqua-Guard's state of the art offshore oil spill response equipment. Patented RBS TRITON skimming technology. Watch the video

Aqua-Guard is a Corporate Member of ISCO

Publications

IMO PUBLISHING: JULY 2017 NEWSLETTER Download the newsletter

NEXT ISSUE OF "THE LITTLE BLACK BOOK"

Attention Contractors! – Send us your corrections and additions, we will be starting on the 8th Edition in 2018.

The content is carefully updated on a regular basis – we do our best to verify that companies listed are able to offer emergency oil spill services, however we also rely on the oil spill community for information and feedback. If we have missed anyone or you spot a mistake please contact us, this directory is valued by responders when dealing with oil spills.

Approximately fifteen thousand books have been distributed throughout the oil spill industry over the years.

Signup to our mailing list. http://cleanupoil.com/

The Little Black Book spans over 155 pages and lists the contact details of over 1,000 oil spill cleanup contractors in more than 50 countries.

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

AMSA Aboard	News from the Australian Maritime Safety Authority	December 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	June 2017
CROIERG Enews	Canberra & Regions Oil Industry Emergency Response Group	Current issue
EMSA Newsletter	News from the European Maritime Safety Agency	July 2017 issue
Environmental Technology Online	Environmental Monitoring, Testing & Analysis	July 2017 issue
IMO News Magazine	News from the International Maritime Organization	Summer 2017 issue
IMO Publishing News	New and forthcoming IMO publications	July 2017
Intertanko Weekly News	International news for the oil tanker community	July 28, 2017
JOIFF "The Catalyst	Int'l Organisation for Industrial Hazard Management	Q3 2017 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	May-June 2017
MOIG Newsletter	News from the Mediterranean Oil Industry Group	July 2017 issue
NOWPAP Quarterly	News from the North West Pacific Action Plan	Quarter 1, 2017 issue
Ocean Orbit	Newsletter from the International Tanker Owners Pollution Federation	May 2016
OCIMF Newsletter	News from the Oil Companies International Marine Forum	June 2017 issue
Pollution Online Newsletter	News for prevention & control professionals	July 26, 2017
Safe Seas, Clean Seas	Quarterly Newsletter from Maritime New Zealand	December 2016 issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Spring 2017 issue
Technology Innovation News Survey	News from US EPA – Contaminated Site Decontamination	May 1-31, 2017
Transport Canada Newsletter	News and articles re transport of dangerous goods in Canada	December 2016 issue
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	July 1, 2017
USA EPA Tech News & Trends	Contaminated site clean-up information	Spring 2016 issue
WMU Newsletter	News from the World Maritime University	December 2016

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