



# ISCO NEWSLETTER

The Newsletter of the International Spill Response Community

Issue 401, 9 September 2013

[info@spillcontrol.org](mailto:info@spillcontrol.org) <http://www.spillcontrol.org>

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## International news

### PROGRESS REPORT: INTERNATIONAL OFFERS OF ASSISTANCE (IOA) AND RESPONSE RESOURCE INVENTORY (RRI)

This project being advanced by the IMO OPRC-HNS Technical Group under the leadership of the delegation of the USA has made significant progress over the last few months. The next milestone will be the submission of the next report to be submitted to the Technical Group at its next meeting to be held at IMO HQ in London from Tuesday 28 January to Friday 31 January 2014.

For those readers who are not familiar with this project ...

In the midst of a catastrophic oil spill, having the appropriate response equipment at the exact time and location needed, throughout the duration of the response, is crucial. Facility in acquiring essential equipment from within the affected nation may not be enough to provide all the needed resources to manage an effective response. Obtaining critical response resources from international sources must be done in a coordinated manner, with a comprehensive process that allows for a number of key considerations.

When sourcing equipment for catastrophic, Tier 3 responses, once internal and regional sources have been exhausted or are expected to be exhausted, consideration should be given to the current range of dedicated oil spill response equipment sources, including a number of significant equipment caches located around the world. Each of these significant equipment caches has some sort of manager well-versed in their equipment inventories. Though a dedicated equipment cache may initially appear to present a myriad of equipment choices, equipment managers should be readily able to match equipment they manage to the specific type of spill response equipment requested. Equipment managers likely also understand regulatory requirements governing the extent to which their inventory can be drawn down and still meet contractual and regulatory obligations. Moreover, equipment managers can ascertain costs, conditions and logistics of supplying equipment to a requestor, indicating that existing oil spill response caches are, in most cases, the best source to obtain needed critical spill resources when the use of the IOA process is necessary.

In addition to large caches of dedicated spill response resources, other equipment sources include equipment manufacturers, government agencies or facilities, and private parties (including oil company facilities and stockpiles). Though these entities may have the needed resources, they may not operate in

## International news (continued)

an emergency response timeframe. When implementing the IOA Guidelines to obtain equipment from some of these sources, expectations may need to be appropriately adjusted that such sources may not immediately provide response assets. There may be additional time required for these entities to determine exact quantities and types of equipment that could be released in order to remain compliant with contractual or regulatory obligations. Also, these entities may not have established mechanisms for issues such as compensation, transportation and other necessary aspects of transferring needed equipment to the affected nation.

Since the last meeting of the Technical Group (TG) in May, 2013, a core working group has engaged in a series of teleconference calls, the most recent of which took place last week on Wednesday 4<sup>th</sup> September 2013. Members of this group include, amongst others, Scott R. Knutson USCG (Project Co-ordinator), Andy Nicoll (OSRL), D. C. O'Donovan, Gabino Gonzalez (REMPEC), John McMurtrie (ISCO), Walter Nordhausen (EMSA), Lt. Philip Nail (USCG), Tim Wadsworth (ITOPF), Heather Parker (USCG), Josee Lamoureux (Transport Canada), Jamie Storrie (AMSA), Asta Mackeviciute (EU), Dave Salt (Spill Consult), Anton Rhodes (IPIECA), LCdr Callie DeWeese (USCG), LCdr Wes James (USCG), C. L. Turner (US), Judith Roos (MSRC), LCdr. Timothy Callister (USCG), and Lt. Jason Scott (USCG).

Much of the work done to date has focused on the identification of equipment and materials that should be included in the RRI and the creation of an international lexicon of standard terms to be used to identify specific response assets – this to help avoid confusion and aid international understanding. Recent work has also been done in developing an inventory of the international availability of dedicated oil spill response vessels and compiling a list of wildlife response organisations.

Last year ISCO set up an internal members' working group with a dedicated web page <http://www.spillcontrol.org/index.php/2013-07-25-15-54-20/2013-02-05-12-52-15/2013-02-05-12-57-01/rri-project> with the objective of ensuring that the private sector (interested response contractors, manufacturers, training providers and consultants who can provide technical expertise) are properly integrated within the international RRI. Because of the large numbers of potential RRI contributors within the private sector, ISCO has volunteered to provide an interface with the private sector. The Executive Committee and internal Working Group is deliberating on how this can be best achieved. A detailed proposal will be submitted in due course.

## Incident reports

### YEMEN: MAIN PIPELINE ATTACKED

September 5 - Armed tribesmen bombed Yemen's main oil pipeline on Thursday, a government official said, adding that one of the assailants was wounded by the explosion.

The attack is the third on the country's main pipeline in Maarib province in less than a week. The pipe stopped carrying crude after the first attack on Sunday. *Reuters* [Read more](#) Another report in [Asharq Al-Awsat](#)

### CANADA: 8-KM OIL SLICK IN SEPT-ILES, QUEBEC



September 5 - A botched reservoir transfer caused 450,000 litres of oil to spill into a bay 900 km northeast of Montreal on Tuesday.

The water and the banks of the bay in Sept-Iles, Que., were contaminated with fuel over an 8-km stretch.

The Cliffs National Resources mining company was conducting a transfer operation when the spill occurred.

Quebec Environment Minister Yves-Francois Blanchet said emergency officials have set up booms to contain the spill, but 2,000 litres got passed the barriers and reached the water. *Sun News* [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

### CHINA: CHEMICAL SPILL KILLS THOUSANDS OF FISH

September 4 - Chinese authorities have recovered about 100 tonnes (220,000lb) of poisoned fish from a river in central Hubei province, state media report.

The fish died after a chemical factory discharged ammonia into the Fuhe river, Xinhua news agency said.

Environmental officials blamed a nearby local firm for the incident. *BBC News* [Read more](#)



## EGYPT: CARGO SHIP FIRE BLAZES FOR A WEEK



September 3 & 4 - Bad weather has hampered efforts to contain a fire on the Maersk cargo ship, the Maersk Kampala, that has been burning for seven days.

According to the company, on Wednesday, August 28, a fire started in one container at the bottom of a stack in the foremast bays on the deck and quickly spread to a second container. When the fire started, the ship was heading north the to Suez Canal.

Tugboats with fire fighting capabilities were dispatched to the ship, but weather conditions prevented the tugs from getting close enough to the Maersk Kampala to be able to effectively fight the fire. A team of fire fighters originally assigned to tackle the fire, had their arrival delayed as the tugboat carrying them broke down.

In a statement issued today (September 4, 2013), Maersk has said the fire is out. "The fire-fighting teams aboard the Maersk Kampala have succeeded in putting out the fire aboard the Maersk Kampala. Some smoke continues to come from some of the containers that had fire but will stop eventually with continued spraying by the tugs and flooding by the fire-fighting teams. Operational planning is now the priority, including port selection, contingency planning for cargo as well as the vessel's eventual return to service." *MM&D* [Read more](#) [Thanks to David of ISCO Industry Partner. DG & Hazmat Group]

## MALAYSIA: OIL TANKER SUFFERS FIRE AND SINKS



Photo: Straits of Johor

September 3 - A tanker caught fire off the coast of Johor and sank over the weekend.

The *MT Kit 57* caught fire on Saturday morning, and was one of two vessels moored together. The vessel sank seven hours later on Saturday evening; no crewmembers were onboard.

The 18 crewmen of the *MT Kit 57* were onboard the *MT Saksas Satria 1*, which was alongside the flaming vessel. The fire is initially believed to have started from a short circuit in the engine room, and subsequently spread to the ship next to it. Two crewmembers were injured in the incident and transported to a local hospital, according to Seatrade Global.

No oil spill has been reported and wreck marker buoys have been placed. *Maritime Executive* [Read more](#)

## PHILIPPINES: SIGNS OF RECOVERY FROM OIL SPILL SEEN IN CORDOVA

September 7 - Gov. Hilario Davide III reported some improvements in the effort to cope with an oil spill in Cordova, three weeks after a passenger ferry and a cargo ship collided off Talisay's coast, killing more than 100 persons.

Dr. Franck Laruelle, an oil spill expert hired by 2Go Shipping, advised local governments to keep off the mangroves and let natural forces, like the changing tides, break down the oil stain on the mangroves and on the water's surface.

"Natural life has gone back," he said, in reporting improvements in Cordova's conditions.

A presentation by 2Go assistant vice president Angelito Salvio showed little crabs and a white heron in the mangroves, a confirmation that the oil spill has not wiped out marine life. *Sun Star* [Read more](#)

## Other news

### EGYPT: [VIDEO] TWO MEN FIRING RPGS AT CONTAINER SHIP TRANSITING SUEZ CANAL

September 5 - A video posted on YouTube and circulated on Thursday shows two men firing rocket-propelled grenades (RPGs) at a container ship that was attacked on Saturday in the Suez Canal. Reuters could not verify the authenticity of the video and there were no claims of responsibility for the attack on Islamist websites.

## Other news (continued)

The video carries a logo featuring a black Islamist flag and the name of the "al-Firqan Brigade". It shows two men, dressed in civilian clothes, firing RPGs into the side of the ship, where they explode.

The ship carries the name "COSCO" on its side and appears to match pictures of the reported target of the attack, the Panamanian-registered Cosco Asia. *The Maritime Executive* [Read more](#)

## CANADA: GOVERNMENT ACCUSED OF SPENDING MONEY TO HELP ENBRIDGE'S PIPELINE PLANS AND INVESTIGATION INTO COLD LAKE BITUMEN SPILL

### Greens say federal government spending money to help Enbridge's pipeline plans

Photo: Green Leader Elizabeth May

September 4 - Federal Green Party Leader Elizabeth May says the Harper government is spending taxpayer dollars to subsidize environmental and meteorological studies for Enbridge's proposed \$6-billion Northern Gateway project.

But the federal government shot back Wednesday saying its plan to spend \$120 million on oil tanker safety studies on Canada's coastlines was announced in March in Vancouver.

The controversial oil pipeline proposed by Calgary-based Enbridge would deliver diluted bitumen from Alberta's oil sands to a port at Kitimat, where it would be loaded onto tankers for delivery to Asia.

May and Oak Bay-Gordon Head Green MLA Andrew Weaver released documents that they say show the Department of Fisheries and Oceans is running a so-called "Northern Gateway Project" to research what happens to diluted bitumen in an oil spill — essentially subsidizing research Enbridge failed to do to satisfy the province, the Greens said. *Times Colonist* [Read more](#) [Thanks to Gerald Graham of World Ocean Consulting]



### Environment Canada to conduct an investigation into CNRL's Cold Lake bitumen spill



Photo: Canadian Natural Resources Limited (CNRL) workers cleaning up the bitumen emulsion on this marsh after it seeped up through a fissure under the water at their Primrose oilsand projects north of Cold Lake, August 8, 2013. A total of four sites have this seepage occurring and to date 7300 barrels have been collected from 13.5 hectares. Photograph by: Ed Kaiser, *Edmonton Journal*

September 3 - Environment Canada will conduct its own investigation into the unusual bitumen spill on CNRL's Cold Lake in situ oilsands project about 250 kilometres northeast of Edmonton.

Federal officials declined to disclose the basis for their investigation at four sites where sticky bitumen continues to ooze up from underground fissures into the muskeg and into a wetland on the federal Cold Lake Air Weapons Range.

"Environment Canada is currently assessing the situation with respect to federal environmental and wildlife laws within its jurisdiction and has opened an investigation," said Mark Johnson, who declined further comment.

The provincial environment department and the Alberta Energy Regulator are already conducting separate investigations into the ongoing leakage while cleanup crews have removed piles of oil soaked vegetation and put up fences to keep wildlife away. *Edmonton Journal* [Read more](#)

## USA: BP DEEPWATER HORIZON OIL SPILL RESTORE ACT REGULATIONS RELEASED BY TREASURY

September 5 - The U.S. Department of the Treasury on Thursday announced a new proposed regulation to govern the spending of billions of dollars of Clean Water Act fines to restore the Gulf Coast in the aftermath of the BP Deepwater Horizon oil spill.

## Other news (continued)

The proposed rule, scheduled to be officially published in the Federal Register on Friday, shows how affected states and parishes can request grants for economic and environmental restoration projects related to the April 20, 2010, oil spill in the Gulf of Mexico.

The release of the regulation comes a week after the Gulf Coast Ecosystem Restoration Council unanimously approved an initial comprehensive plan for restoring the Gulf Coast's ecosystems and economies. That council is a federal-state group set up to oversee the spending of most of the Clean Water Act fines. *The Times Picayune* [Read more](#)

## USA: ENBRIDGE DREDGING IN FULL SWING IN CALHOUN COUNTY



*Photo: Site of a dredging operation in the Kalamazoo River between Historic Bridge Park and Battle Creek on Thursday. / John Grap/The Enquirer*

September 5 - Large pipes, buoys and pontoon boats have been placed throughout sections of the Kalamazoo River as Enbridge Inc. works to fulfill an order by the U.S. Environmental Protection Agency to do additional cleanup.

"We're not talking about the oil that was in 2010," company spokesman Jason Manshum said at Enbridge's office in Marshall. "It's not flowing down the river. It's not a liquid anymore, either. It's more of a solid, it's flecks of oil. So it's degraded over time to the point that what is left are truly the size of flecks of pepper."

The 40-mile stretch of the river included in the EPA order requires dredging upstream of the Ceresco Dam, the Mill Ponds area in Battle Creek and the Morrow Lake delta in Galesburg. Manshum said Enbridge completed its work at a sediment trap location downstream of Historic Bridge Park about two weeks ago, allowing for the river between the park and Paddler's Grove to be reopened to the public. *Battle Creek Enquirer* [Read more and watch video](#)

## NIGERIA: SHELL IN COMPENSATION TALKS OVER NIGERIA OIL SPILLS

*Photo: Gas flares at Shell Cawtharine Channel, Nembe Creek in the Niger Delta, seen on March 22, 2013. Shell says it is to begin compensation talks with thousands of Nigerian villagers who say their livelihoods were ruined by two massive oil spills in the Niger Delta. (AFP/File)*

September 6 - Shell is to begin compensation talks with thousands of Nigerian villagers who say their livelihoods were ruined by two massive oil spills in the Niger Delta, the energy giant said on Friday.

The talks will start next week in Port Harcourt, the capital of Nigeria's southern Rivers state and the hub of Africa's largest oil industry, the Anglo-Dutch company said.



About 15,000 residents of Bodo, a cluster of fishing villages in Rivers State, are seeking millions of dollars of compensation over the 2008 spills.

"We're hopeful that an acceptable agreement can be reached with the Bodo community during next week's settlement negotiations in Nigeria," a Shell spokesman said. *FoxNews.com* [Read more](#)

## Other news (continued)

### BP WORKS TOWARD CULTURE OF SAFETY AFTER 2010 OIL SPILL

August 21 - After an accident-marred decade, BP is no longer "beyond petroleum." It is now a smaller and vastly better managed company than the one Mississippian Bob Dudley took over when he became BP's chief executive officer in the aftermath of the disastrous Deepwater Horizon oil spill three years ago.

Dudley, who grew up in Hattiesburg, is a chemical engineer who rose through the ranks of Amoco, until it became part of BP, and knows all aspect of the oil business.

Under Dudley's leadership, BP is on the road to recovery. The company has been trying to get out from under the Gulf spill, setting aside ample sums for its cleanup and compensation spending. It has spent \$14 billion on response and cleanup and an additional \$11 billion in claims to help restore the Gulf economy. Those who are close to the situation admire Dudley's steely resolve not to let unethical and potentially criminal behavior worm its way into final settlements. *Hattiesburg American* [Read more](#)

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Reuters could not verify the authenticity of the video and there were no claims of responsibility for the attack on Islamist websites.

The video carries a logo featuring a black Islamist flag and the name of the "al-Firqan Brigade". It shows two men, dressed in civilian clothes, firing RPGs into the side of the ship, where they explode.

The ship carries the name "COSCO" on its side and appears to match pictures of the reported target of the attack, the Panamanian-registered Cosco Asia. *The Maritime Executive* [Read more and watch video](#)

## People in the news

### USA: NJIT EXPERT IN OIL SPILL RESEARCH APPOINTED TO NATIONAL RESEARCH COUNCIL



August 28 - NJIT Professor Michel Boufadel has been appointed a member of a National Research Council (of the National Academies) committee on the Effective Daily Recovery Capacity. The appointment is through Nov. 14, 2013. The task includes providing guidelines on the best techniques for skimming oil off the ocean surface following spills. Such guidelines are important for preparedness of regions regarding oil spills.

Boufadel has been a notable voice in the investigation of the Exxon Valdez oil spill and BP's Deep Water Horizon (DWH) blowout in the Gulf of Mexico. Not only is he teaching in NJIT's Department of Civil and Environmental Engineering, but he is also director of the NJIT Center for Natural Resources Development and Protection. *Cleantech.com* [Read more](#)

## ISCO news

### VACANCIES ON THE EXECUTIVE COMMITTEE

ISCO currently has two vacant places on its Executive Committee.

Under the organization's constitution any Member may propose a new member of the committee. All proposals received will be assessed by the ISCO Nominating Committee which will make recommendations to the Executive. The Committee is particularly anxious to appoint committee members who are willing to give of their time and take *an active role* in the management of the organization. Members willing to serve on the Management Committee should send their details to [info@spillcontrol.org](mailto:info@spillcontrol.org)

Approved nominees can be immediately co-opted onto the Committee with formal appointment to be confirmed by election at the next AGM.

## Obituary

### HECTOR BELL

It is with regret that we inform you of the sudden death of Hector Bell, a member of ISCO. Hector died of a heart attack in the early hours of Monday 2nd of September 2013 in Baku, Azerbaijan. He joined Briggs in November 1991 as Second Mate of the dedicated oil spill response vessel Forth Explorer and after a long career at sea Hector came ashore and worked all over the world as Technical Oil Spill Advisor for Briggs Environmental Services



In this issue of the ISCO Newsletter we are printing No. 143 in a series of articles contributed by Dr Douglas Cormack.

Dr Douglas Cormack is an Honorary Fellow of ISCO. As the former Chief Scientist at the British Government's Marine Pollution Control Unit and head of the UK's first government agency, the Warren Spring Laboratory, Douglas is a well known and highly respected figure in the spill response community. He is the Chairman and a founder member of the [International Spill Accreditation Association](#)

### CHAPTER 143: IMPLEMENTATION OF KNOWLEDGE-ONLY PLANNING

With articles 137 - 140 having previewed the new knowledge-only contingency and incident-specific planning approach now on offer to coastal states, and with articles 141 & 142 having previewed the benefits to coastal states of the knowledge-maintenance and knowledge-accrual of this new approach, this article now considers how it could become the basis for accrediting the technical competence of response contractors within these coastal states pending its adoption by them as customers. However, with response training within these states currently being provided under subject-headings approved by IMO without any international agreement as to content other than that it be in compliance with the belief-consensus which has thus far failed to return contaminated environments to their pre-incident states quickly and cost-effectively, this article now considers how this new knowledge-only approach could become the basis for response-training within such states as may individually adopt this new approach. Thus, to achieve this more limited objective, this article emphasises the benefits of applying this new approach to contractor training and accreditation pending its universal adoption by coastal-state customers perhaps again through IMO, while recognising that the more general its adoption by customers the faster its benefits will be delivered by training and accreditation of contractors.

As to cargo/bunker transfer and wreck removal, we can recall that these *per se* are as yet the only satisfactorily handled components of incident response; that marine salvage contractors are self trained by the work they do; and that consequently they need no external training or accreditation by those involved in training and accreditation for release response. However, in order to maximise the benefits offered by their professional competence, the new knowledge-only approach emphasises the need for access to safe havens to avoid releases caused by weather damage being extended beyond those caused by initial impact damage. Thus, the new approach emphasises the need for coastal states to implement knowledge-only procedures for responding to initial releases and to any salvage-related releases, these always being very much smaller than those resulting from the total release of cargo and bunkers through exposure to adverse weather at the location of initial impact damage. As to oil well releases, drillers and operators are best placed to design blow-out prevention and well-capping systems while the new approach emphasises the need for implementation of knowledge-only regulation thereof.

As to response to cargo/bunker releases to the sea, we can recall that practically speaking this has never been capable of preventing stranding when releases are greater than the 5,000 tonnes liable to arise from impact damage to a single cargo tank, the response-limiting encounter-rate of response units being only  $0.18 \text{ m}^3 \text{ h}^{-1}$  per metre swath width, per knot of advance; that natural evaporation, solution and dispersion rates are proportional to slick area and are thus vastly greater than localised dispersion or recovery rates achievable by response units operating in physically small areas within such slicks; that, nonetheless, neither the resulting concentrations in the atmosphere or in seawater, nor the physical coating of birds or marine mammals has ever caused species-extinction/ecological disaster because the concentrations and numbers coated are too low to cause any such effects; that, in any case, all such concentrations are biodegraded to carbon dioxide and water by marine micro-organisms with no toxic effects; and that while free-swimming fish are untainted by such biodegrading concentrations, filter-feeding selfish can be cleansed of any filtered droplets by routine depuration. Thus, the new approach emphasises the need for coastal states to implement knowledge only response policies without which locally and transiently contaminated environments will never be returned to their pre-incident states quickly and cost-effectively by any intervention additional to natural biodegradation/neutralisation.

As to response to stranded releases and to the downstream processing of releases collected from water surfaces and from shorelines, we recall that while it is difficult/impossible to collect releases from water surfaces without co-collection of free-water, it is even more so to collect them from shorelines without co-collection of beach materials; that belief-based regulation now prohibits decanting of subsequently separated free-water and of demulsified water from the subsequently broken emulsions; that while collection of high viscosity emulsions with or without underlying beach material may be unavoidable, those which were naturally dispersing prior to stranding ought to be returned to inshore waters for resumption of natural and/or dispersant induced dispersion, thus avoiding the downstream processing which is motivated by reality-refuted belief in the resulting oil being reusable; and that prevention of its initial stranding and/or facilitation of return to the sea may be achieved by prior application of surface active chemicals, while return from rocks cliffs and manmade structures may be facilitated by application of dispersant gels or by steam or high pressure water treatment. Thus the new approach emphasises the need for coastal states to implement knowledge-only response policies without which interrupted commercial activities will never be resumed quickly and cost-effectively.

1 *The Rational Trinity: Imagination, Belief and Knowledge*, D.Cormack, Bright Pen 2010 available at [www.authorsonline.co.uk](http://www.authorsonline.co.uk)

2 *Response to Oil and Chemical Marine Pollution*, D. Cormack, Applied Science Publishers, 1983.

3 *Response to Marine Oil Pollution - Review and Assessment*, Douglas Cormack, Kluwer Academic Publishers, 1999.

## Publications

### FOR YOUR INTEREST – LINKS FOR RECENT ISSUES OF PERIODICALS

[ASME EED EHS Newsletter](#)  
[Bow Wave](#)  
[Cedre Newsletter](#)  
[The Essential Hazmat News](#)  
[USA EPA Tech Direct](#)  
[USA EPA Tech News & Trends](#)  
[Technology Innovation News Survey](#)  
[Intertanko Weekly News](#)  
[CROIERG Enews](#)  
[Soil & Groundwater Product Alert](#)  
[Soil & Groundwater Ezine](#)  
[Soil & Groundwater Newsletter](#)  
[Soil & Groundwater Events](#)  
[IMO Publishing News](#)  
[IMO News Magazine](#)  
[Pollution Online Newsletter](#)  
[EMSA Newsletter](#)  
[JOIFF "The Catalyst"](#)  
[Int'l Environmental Technology](#)  
[Environmental Technology Online](#)  
[HELCOM Newsletter](#)

News and commentary on HSE issues from George Holliday  
Sam Ignarski's Ezine on Marine & Transport Matters  
News from Cedre in Brittany, France  
Alliance of Hazardous Materials Professionals  
Remediation of contaminated soil and groundwater  
Contaminated site clean-up information  
From US EPA - Contaminated site decontamination  
International news for the oil tanker community  
Canberra & Regions Oil Industry Emergency Response Group  
From Environmental Expert  
Articles, papers and reports  
From Environmental Expert  
Upcoming events compiled by Environmental Expert  
New and forthcoming IMO publications  
News from the International Maritime Organization  
News for prevention & control professionals  
News from the European Maritime Safety Agency  
Int'l Organisation for Industrial Hazard Management  
Environmental Monitoring, Testing and Analysis  
Environmental Monitoring, Testing & Analysis  
Baltic Marine Environment Protection Commission

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## Events

### USA: CLEAN GULF 2013 AGENDA: 12-14 NOVEMBER, TAMPA, FLORIDA, USA

Pre-conference events on Tuesday 12 November include a free-to-register Workshop on Integrated Monitoring Tools for Emergency Preparedness and Response, sponsored by MDA and an 8-Hour OSHA/RCRA Hazardous Materials & Waste Safety Annual Refresher (HAZWOPER) presented by Tony Wood, Director, National Spill Control School - Texas A&M University Corpus Christi.

The Conference begins at 0830 hrs. on Wednesday 13 November with the keynote address being given by Eric J. McNulty, Director, Research and Professional Programs, Harvard's National Preparedness Leadership Initiative.

This will be followed at 0930 by a special session – "Lead the Future: Where the Offshore Oil Industry is Going and what the Regulatory and Response Community Need to do to be there with them", chaired by Gwen Keenan, Director, Office of Emergency Response, Florida Department of Environmental Protection with Bill Townsley, Deepwater Well Delivery Program Manager, Shell Oil Company as the speaker.

You can view the complete agenda at <http://www.cleangulf.org/conference-agenda/>

You can view the list of exhibitors at <http://www.cleangulf.org/exhibitor-list/>

The Home Page for the event is at <http://www.cleangulf.org/> and don't forget that ISCO members qualify for special rates – Quote VIP Code ISCO. Remember to come by the ISCO booth 136 in the exhibition area.

### SPAIN: OIL SPILL AND ENVIRONMENTAL RISKS IN NEW FRONTIER OPERATIONS

17-19 February 2014, Barcelona, Spain. This oil spill conference will analyse a variety of oil spill scenarios focusing on the environmental risks and offering practical solutions for oil spill emergency response. The risk of an oil spill is uncountable, however we can work on prevention and preparedness. A good contingency plan, innovative methodologies and response techniques are essential tools that will enable you to operate efficiently in case of the worst case scenario – a spill! [More info](#)

## Training

### JUST IN TIME TRAINING VIDEO LIBRARY

There are now 386 disaster mitigation, preparedness, response and recovery training videos embedded in the Just In Time Disaster Training Video Library with new videos being added on a daily basis.

The purpose of this FREE on-line library is to provide a single, easy to search source in which individuals, agencies and organizations can access Just In Time Disaster Training Videos.

The library can be accessed at the following web site: [www.JustInTimeDisasterTraining.org](http://www.JustInTimeDisasterTraining.org) Thanks to Chris Floyd, Hazmat 101 Group,



## Training (continued)

### US EPA: UPCOMING LIVE WEB EVENTS

CLU-IN's ongoing series of Internet Seminars are free, web-based slide presentations with a companion audio portion. Listing and more info at <http://clu-in.org/live/>

### USA: EMERGENCY RESPONDER HEALTH MONITORING AND SURVEILLANCE (ERHMS), CDC/NIOSH

Includes an online training course. This course provides a recommended health monitoring and surveillance framework, referred to as the Emergency Responder Health Monitoring and Surveillance (ERHMS) system, which includes specific recommendations and tools for all phases of a response, including the pre-deployment, deployment, and post-deployment phases. [More info](#) [Thanks to Gregory T. Banner, Hazmat 101 Group]

### USA: SPCC GUIDANCE FOR REGIONAL INSPECTORS

In August 2013, EPA revised the SPCC Guidance for Regional Inspectors which is intended to assist regional inspectors in reviewing a facility's implementation of the Spill Prevention, Control, and Countermeasure (SPCC) rule at 40 CFR part 112. This guidance document is also available to owners and operators of facilities that may be subject to the requirements of the SPCC rule, and the general public on how EPA intends the SPCC rule to be implemented. The document is designed to provide a consistent national policy on several SPCC-related issues. [More info](#) [Thanks to Mark W. Howard of ISCO Industry Partner, DG & Hazmat Group]

## Products and Services

### UK: JOINT VENTURE LOOKS TO CLEAN UP



Picture: The 9m floating debris/oil spill collection Envirocat is to be operated by Harbour Clean

September 6 - A joint venture between Portsmouth based shallow water specialist Harbour Clean and Hull based boatbuilder Envirocat (MMS Ship Repair Ltd) looks set to offer a cost effective solution to the growing problems of floating debris control and small oil spill response throughout harbours and inland waterways of the UK.

Utilising the innovative Envirocat 9m workboat, the Harbour Clean service offers port authorities, marina managers and canal operators a cost effective solution to the collection of eyesore litter and oil sheens that blight areas of water that are either too shallow or remote for conventional removal processes. The service is also ideally suited for the regular maintenance of open harbour water, docks or waterways where larger floating items, such as baulks of timber, plastic sheeting

and semi-submerged drums can cause a hazard to safe navigation.

The all-aluminium Envirocat, developed by MMS Ship Repair & Dry Dock, is road transportable and operates single handed in inland waters. Both waste and oil collection is hydraulically controlled from the wheelhouse whilst a 1.8 tonne deck crane turns the catamaran's stable platform into a multi-purpose workboat suitable for marine civils support, harbour survey work and diving. *Maritime Journal* [More info](#)

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