



ISCO NEWSLETTER

The Newsletter of the International Spill Response Community

Issue 610 6 November 2017

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.

ISCO COMMITTEE & COUNCIL

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The Register of ISCO Members is maintained by **Ms Mary Ann Dagleish** (Membership Director). She is also responsible for collecting membership dues.

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

INTERNATIONAL DIRECTORY

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International news

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GUIDELINES FOR THE DEVELOPMENT OF A RESPONSE PLAN FOR SIGNIFICANT INCIDENTS INVOLVING ROAD FUEL TANKERS

This EI publication provides good practice guidance to road fuel companies, road tanker operators and third party contractors and specialists involved in transporting petroleum, petroleum products and new fuel grades or other hazardous goods such as liquefied petroleum gas, in preparing an effective response plan for significant incidents involving road tankers.

Adoption of this publication as good practice should establish a common approach across the petroleum industry to significant incident response and enable emergency services and other stakeholders to plan for a known level of industry assistance.

This publication is intended for use by parties involved in response planning for significant incidents involving road tankers. Readers may include those that prepare/or review response plans, including those in fuel supplies, haulage companies, public agencies (e.g. environmental agencies, emergency services, etc.) and spill response contractors.

Whilst written in the context of the requirements of UK legislation and UK organisations, the principle should be applicable elsewhere, providing the publication is read alongside national and local requirements. *Energy Institute* [Read more](#)

THIS WEEK - GI WACAF REGIONAL CONFERENCE

The 7th GI WACAF Regional Conference takes place in Côte d'Ivoire (Abidjan) on 6-9 November, 2017.

Countries invited are Angola, Benin, Cameroon, Cabo Verde, Congo, Côte d'Ivoire, Democratic Republic of Congo, Equatorial Guinea, Gabon, The Gambia, Ghana, Guinea, Guinea Bissau, Liberia, Mauritania, Namibia, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, South Africa and Togo.

The event is being hosted by the Ivorian Anti-Pollution Centre (CIAPOL). The objectives include raising awareness on oil spill preparedness and response issues with an emphasis on the challenges in the region; facilitating information sharing and lessons learned in the region; reviewing the progresses achieved since the last regional conference; and determining priority actions for the coming biennium 2018-2019 to strengthen oil spill response capability in the region. <http://www.giwacaf.net/en>

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The Alliance said that it was not a lack of awareness of the poor working conditions that caused ship owners continue to use dangerous yards, but the fact that dirty and dangerous breaking was cheaper. The Alliance claimed that:

- (1) there was little or no investment in proper infrastructure to contain pollutants and ensure safe working conditions;
- (2) the proper disposal of hazardous wastes was overlooked; and
- (3) migrant workers were exploited.

Insurance Marine News [Read more](#)

RECOMMENDED PRACTICE FOR ONSHORE HAZARDOUS LIQUID PIPELINE EMERGENCY PREPAREDNESS AND RESPONSE

Emergency response preparedness is a critical component of pipeline operations, which is why the American Petroleum Institute (API) has issued a recommended practice outlining the fundamental elements of an effective emergency response program management system.

The guide is referred to as RP 1174, officially named Recommended Practice for Onshore Hazardous Liquid Pipeline Emergency Preparedness and Response. [You may purchase RP 1174 here.](#)

API developed RP 1174 to align emergency response practices in the industry, and to identify a framework for an adaptive management system. RP 1174 has three main areas of emphasis: increased focus on training and planned exercises, improved communications and clearly defined roles during an incident, and regular evaluations of operations to identify and address risks.

The critical nature of emergency preparedness and response requires a commitment from all stakeholders in the industry. That is why the American Petroleum Institute, along with the Association of Oil Pipe Lines, is asking for a written commitment from pipeline operators to pursue implementation of the practices identified in Recommended Practice 1174. Upon receipt of your commitment letter, you will receive additional communications, documentation and resources to assist you with implementation of your emergency preparedness and response program.

For more information regarding RP 1174, please visit: PipelineSMS.org.

EUROPEAN CROSS-COUNTRY OIL PIPELINES PERFORMANCE DATA

The Concawe Oil Pipelines Management Group (OPMG) has collected data on the safety and environmental performance of oil pipelines in Europe since 1971. Information on annual throughput and traffic, spillage incidents and

International news (continued)

ITOPF R&D AWARD 2018 - CALL FOR APPLICATIONS

ITOPF has established an annual 'ITOPF R&D Award'. Each year, up to £50,000 will be made available to fund R&D projects that make a valuable contributions to improving the knowledge and understanding of issues related to accidental marine pollution. The purpose of this initiative is to encourage organisations worldwide to inspire innovative thinking and to develop ideas that could provide realistic solutions to some of the challenges faced in spill response and environmental monitoring. You can find the details of the award and previous research projects funded at: <http://www.itopf.com/in-action/r-d-award/>

To submit your application, please follow the process described at: <http://www.itopf.com/in-action/r-d-award/application-process/>

The deadline for submitting your application is 30th November 2017. You can also find attached a copy of the application form for your quick reference.

Our committee will review all the applications in December 2017 and January 2018, with the intention to name the Award winner in late February. If you have any questions regarding the award, please do not hesitate to contact us, either by replying to this email or to annabellenicolas-kopec@itopf.com / annzhang@itopf.com

124 SHIPS DANGEROUSLY BROKEN ON SOUTH ASIA BEACHES IN Q3, GROUP SAYS

Of the 227 ships broken in the Q3 2017, 124 ships ended up on beaches in South Asia for dirty and dangerous breaking, according to Toxics Watch Alliance, citing www.shipbreakingplatform.org

International news (continued)

in-line inspection activities are gathered yearly by Concawe via on-line questionnaires. The results are analysed and published annually to show the yearly performance and also a full historical analysis since 1971, effectively creating an evergreen document updated every year. The following article provides an introduction to the content of the latest 2015 report, which can be downloaded from the Concawe website -

https://www.concawe.eu/wp-content/uploads/2017/09/CONCAWE-Review-26-1_web.4.pdf

ITOPF ATTENDS REGIONAL WORKSHOP IN ZANZIBAR

Franck Laruelle attended a regional workshop on managing emergency preparedness and response in Zanzibar from 16th to 20th October 2017. The workshop, funded by UNEP and the Norwegian Oil for Development Programme, was organised under the auspices of the Nairobi Convention which provides a mechanism for regional cooperation, coordination and collaborative actions in the East Africa / West Indian Ocean region.

The workshop was attended by 29 country delegates from the Union of Comoros, Kenya, Madagascar, Mauritius, Mozambique, Seychelles, Somalia, Tanzania (including the Zanzibar semi-autonomous administration), South Africa and Uganda, as well as representatives from IMO, IOC, the Nairobi Convention and the Norwegian Coastal Administration. The main focus of the event was on national contingency planning and regional cooperation. ITOPF presented on the basic features of a contingency plan, the tiered response concept illustrated with case studies, oil spill response options, and liability and compensation. *ITOPF* <http://www.itopf.com/>

GUYANA, ONE OF SOUTH AMERICA'S POOREST COUNTRIES, STRUCK OIL. WILL IT GO BOOM OR BUST?

Today, Guyana is one of South America's poorest countries, with an average per capita annual income of around US\$4,000.

But within the decade, it could be among the richest. In 2015, ExxonMobil and its international partners discovered vast oil reserves off the Caribbean coast of this small country. By 2018, five new wells will be pumping out 120,000 barrels of Guyanese crude daily. Deep-water surveys estimate Guyana's oil reserves at around 2 billion barrels. That pales in comparison to neighboring Venezuela but surpasses the reserves of Trinidad and Tobago, long the Caribbean's biggest oil producer.

Since full monetization of Guyana's oil and gas resources will occur in five to 15 years, the country has less than a decade to deal with numerous energy-related hurdles, including unresolved territorial issues with Venezuela, environmental protection, wealth management and social concerns. The government's top priority is to resolve a border controversy dating back to Guyana's days as a British colony. For 200 years, Venezuela has claimed sovereignty over two-thirds of Guyana's territory, including its exclusive economic zone.

As oil production expands, protecting the marine environment will become an urgent issue for the entire Caribbean region.

In April, three Venezuelan doctors transporting medical supplies from Trinidad to Venezuela drowned when their boat overturned in an oil slick. A barge belonging to Trinidad and Tobago's national oil company had ruptured, discharging 300 million barrels of crude into the sea just seven miles from Venezuela.

Most recently, in October, a fisherman discovered an unreported "massive" spill off of Trinidad's northwest coast. A video posted to Facebook shows black waters near Chaguaramas, the site of a major national park. The source of the spill remains unknown. *St. Lucia Times* [Read the complete article](#)

NEW ISSUE OF IMO PUBLISHING NEWS JUST OUT

The October 2017 issue contains details of the Guide on oil spill response in ice and snow conditions, 2017 Edition. [Download the newsletter](#) More about the [Guide on oil spill response in ice and snow conditions](#)

Incident reports

AUSTRALIA: SOUTH AUSTRALIA - POSSIBLE OIL SPILL IN RIVER TORRENS DISCOVERED AT ALLENBY GARDENS

October 26 - Wildlife volunteers will return to the banks of the River Torrens for days to come after a 2km oil slick drenched birds and other animals. The oil may have come from Wednesday's Thebarton substation fire, which released thousands of litres of mineral oil. *The Advertiser* [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

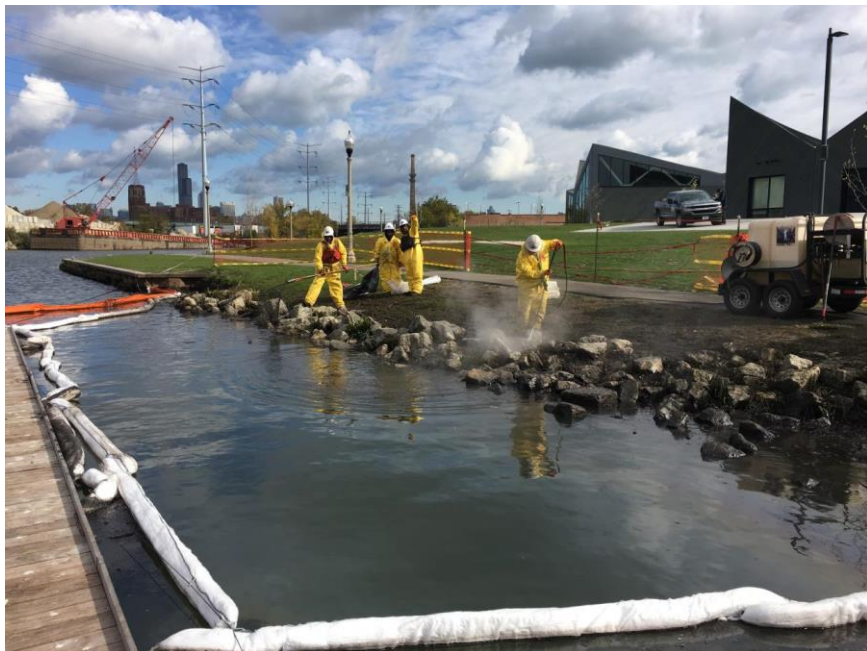
Incident reports (continued)

UK: ENVIRONMENT AGENCY INVESTIGATING AFTER TWO MAJOR OIL SPILLS IN BURY AND RADCLIFFE

October 26 - An investigation is under way after two major oil spills were reported to have 'spread for miles'. The latest incident involved a 'massive' oil slick on the River Irwell, with pollution spreading up the banks.

Huge quantities of oil were also spotted in the River Roch, in the Heap Bridge area, spilling over into the River Irwell. An Environment Agency spokesperson said: "Our officers are currently investigating a pollution incident on the River Roch in Heap Bridge. *Bury Times* [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

USA: ILLINOIS - BUBBLY CREEK MYSTERY OIL SPILL



October 27 - On October 26, 2017, EPA responded to an approximate 1.5-mile mystery oil spill on the South Fork Chicago River (a.k.a. Bubbly Creek) which generally flows to the South Branch of the Chicago River and the Chicago Sanitary & Ship Canal. Oil sheen was observed to the west on the Chicago Sanitary and Ship Canal to California Avenue. The source of the oil sheen are unknown. Bubbly Creek has been secured with containment boom and cleanup is underway.

Oct. 30 Update - EPA's response to the oil spill on Bubbly Creek is expected to continue for at least another week. EPA is 90% finished with oil cleanup west of Ashland Avenue bridge and is currently cleaning up residual sheen at the dock at Chicago Park No. 571 (which remains out of service). EPA is cleaning the shoreline and structures near the dock. EPA will

now focus cleanup efforts on the pockets of oil remaining in Bubbly Creek. Containment boom remains in place as the cleanup proceeds to prevent any oil from leaving Bubbly Creek.

EPA is also investigating the source of the spill which is thought to have originated along Bubbly Creek. The Metropolitan Water Reclamation District (MWRD) of Greater Chicago is assisting in the investigation to find a potential source of the pollution and providing assistance as needed. *EPA* [Read more](#)

October 27 - Part of Chicago River closed due to oil spill [ABC News](#)

October 30 - Workers Race to Save Birds after Mysterious Chicago River Oil Spill [dnainfo.com](#)

JAMAICA: NEPA PROBING OIL SPILL AT MOBAY FREEPORT

October 27 - The National Environment and Planning Agency (NEPA) is investigating an oil spill at berths one and two Montego Bay Freeport Thursday night.

NEPA says its officers as well as the Marine Police, and representatives from the Montego Bay Marine Park have visited the location and are monitoring the situation. *Jamaica Gleaner* [Read more](#)

AUSTRALIA: VICTORIA - EMERGENCY SERVICES ON STANDBY AFTER MOBIL ALTONA REFINERY FUEL LEAK

October 28 - Hundreds of litres of fuel has spilt from a corroded pipe at an Altona North refinery.

Emergency services were called to the Mobil Altona Refinery on Kororoit Creek Rd after about 700 litres leaked from the pipe on Saturday morning.

An MFB spokeswoman said the situation was contained when firefighters arrived and a crew on standby to aid Mobil officials in charge of the clean-up. *Herald Sun* [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

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

CANADA: GOVERNMENT INTRODUCES LAW TO ADDRESS WRECKED AND ABANDONED VESSELS

Photo: The wreck of the Nathan E. Stewart near Bella Bella, British Columbia, October 13, 2016.



October 30 - The Canadian Government has introduced legislation that would add additional pressure on shipowners to proactively deal with wrecked, abandoned or hazardous vessels in Canadian waters.

The bill, known as the Wrecked, Abandoned or Hazardous Vessels Act (Bill C-64), was introduced Monday on the one year anniversary of [Canada's \\$1.5 billion Oceans Protection Plan](#).

Specifically, the Wrecked, Abandoned or Hazardous Vessels Act will prohibit vessel abandonment; strengthen owner responsibility and liability for hazardous vessels and wrecks, including costs for clean-up and removal; and empower the Government

of Canada to take proactive action on hazardous vessels before they become more costly to Canadians, according to a press release from Transport Canada.

Bill C-64 will also bring the Nairobi International Convention on the Removal of Wrecks, 2007 into force under Canadian law. The law, which was tabled in Parliament in September, aims to strengthen vessel owners' liability for hazardous wrecks from marine incidents. *gCaptain* [Read more](#)

GABON: NATIONAL WORKSHOP ON WASTE MANAGEMENT

The Ministry of Forestry economy, Fishing and Environment will host a national workshop on waste management in Libreville on 11-14 December

The objectives are to provide delegates with the essential technical and regulatory knowledge and best practices to establish and manage effective waste management operations and to provide training of relevant national authorities on the waste management as a function of an effective response to a marine oil spill.

<http://www.giwacaf.net/en/activities>

INDIA: CHEMICAL INDUSTRIAL DISASTER MANAGEMENT SEMINAR ORGANISED BY FICCI AT HYDERABAD.

ISCO Member of Council, Capt. D. Sekhar (2nd from left) at the Hyderabad Conference

October 14 – The Chemical Industrial Disaster Management (CIDM) Forum constituting of National Disaster Management Authority (NDMA), Government of India, Petroleum and Natural Gas Regulatory Board (PNGRB), and Federation of Indian Chambers of Commerce and Industry (FICCI) along with Government of Telangana jointly organised a Conference on Chemical & Industrial Disaster Management (CIDM) on Disaster Risk reduction Measures in Chemical, Steel & Metallurgical, Pharmaceutical, Petrochemical, Petroleum and Gas Industry, on 11th - 13th October, 2017, ITC Kakatiya, Hyderabad, Telangana.

ISCO Member of Council for India, Capt. D. C. Sekhar was in attendance and gave a talk was about two very diverse topics - managing behavioral risks at sea and the logistics & challenges of oil spill response.

He briefly covered the work of ISCO, describing how this not-for-profit organisation can provide the connect to worldwide expertise and resources in case of an incident. He further clarified that ISCO member capabilities extend well beyond oil spill response at sea, and many ISCO members deal with road tanker incidents and chemical spills onshore or in inland waterways. This was of great relevance to the district disaster management authorities attending the seminar.



News reports from around the world (continued)

UAE: RAS AL-KHAIMAH - RAK PORTS TRAINING INSTITUTE HAS HELD ITS FIRST OIL SPILL RESPONSE COURSE



November 1 - The RAK Ports Training Institute, which was set up in January 2017 to meet a growing demand for specialist marine training in Ras Al Khaimah and the Northern Emirates, has recently delivered its first Oil Spill Response Course.

This course has been developed to the International Maritime Organisation (IMO) standard and is the latest addition to the overall syllabus of classes offered by the RAK Ports Institute, which includes the STCW 2010 Basic Safety Course and the vessels under 12 m driver licence course.

Captain Mike Magee, harbourmaster at RAK Ports, says, "Launching the Oil Spill Response Course is an important step to raise awareness, improve standards and introduce international best practice to local industry and help protect the marine environment."

The first delivery of the course, which is accredited by the Marine Emergency Mutual Aid Centre (MEMAC), took place this October at RAK Maritime City, one of the leading Free Zones in the UAE, and included a practical oil spill exercise using the RAK Gas vessel, SLS Lion.

The Maritime Standard [Read more](#)

USA: NEW MEXICO - SAFETY BOARD SAYS LANL UNREADY TO HANDLE EMERGENCY

October 27 - In a letter to U.S. Energy Secretary Rick Perry earlier this month, Sean Sullivan, chairman of the Defense Nuclear Facilities Safety Board, said weaknesses in the lab's emergency management programs include ineffective federal oversight.

The letter includes a critical report that says the National Nuclear Security Administration's Los Alamos Field Office has failed to conduct regular assessments of the lab's emergency programs. And based on their performance during drills and exercises, the report says, lab workers haven't been trained on emergency procedures, and lab officials and public safety agencies in the community aren't prepared to handle a coordinated response to a major security threat or disaster.

Gregory Wolf, a spokesman for the National Nuclear Security Administration, told *The New Mexican* in an emailed statement that a comprehensive emergency management program at the lab is "routinely tested and validated through drills and exercises, with a focus on continuous improvement."

The lab and the federal agency are "taking proactive measures to strengthen emergency preparedness and response based on lessons learned from these drills and exercises," Wolf added. "NNSA is committed to having world-class emergency management capabilities to protect our employees, the public and the environment." *New Mexican*
[Read more](#)

USA: ALASKA ORDERS REVIEW OF ALL NORTH SLOPE OIL WELLS AFTER SPILL LINKED TO PERMAFROST

October 31 - Alaska's main oil and gas regulatory body has ordered a review of all North Slope wells after a spill last spring was connected to thawing permafrost, subsidence and a cracked casing.

The [emergency order](#), issued Monday by the Alaska Oil and Gas Conservation Commission (AOGCC), said the outer casing that cracked had been set in the permafrost.

In April, one of BP's older wells leaked oil and gas for days before it could be shut down. The company reported that roughly 45,000 kilograms of gas and 63 gallons of crude leaked. According to [Alaska Public Media](#), BP blamed the failure then on a piece of a well casing that buckled under pressure from thawing permafrost. As a result, the AOGCC said it has ordered all companies on the North Slope to review their wells to look for similar issues and to shut down any wells that have the same construction.

AOGCC Commissioner Kathy Foerster told *Alaska Public Media* that the BP well that leaked was older, and that she didn't anticipate newer fields on the North Slope having similarly designed wells. Operators on the slope will have until the end of the year to complete their review. *Inside Climate News* [Read more](#)

People in the news

BIMCO APPOINTS NEW DIRECTOR OF COMMUNICATIONS



BIMCO has appointed Rasmus Nord Jørgensen as its new Director of Communications to develop the organisation's communication strategy and increase BIMCO's media profile.

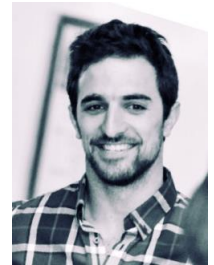
Rasmus Nord Jørgensen is an experienced international maritime communications professional. He has a BA in Journalism from the Danish School of Journalism and was part of the global communications team at A.P Moller-Maersk, with a particular focus on the developing growth markets of Latin America and Africa. He also previously worked for Reuters. Rasmus Nord Jørgensen takes up his new role on Wednesday 1 November 2017. *BIMCO*

ISCO news

ISCO HAS A NEW MEMBER OF COUNCIL FOR ISRAEL

November 1 – ISCO is pleased to welcome Major Ben Benny as the new Member of ISCO Council for Israel. Ben Benny, a former Major in the Israeli Navy is the Chief Operations Officer at the marine services and spill response company M.Danchor Ltd. and is based in Ashdod, Israel.

Major Benny's appointment takes place with immediate effect and follows on the recent retirement of Dan Arbel. ISCO is very grateful to Dan for his support and contribution to the organization over many years. We wish him a long and happy retirement, but knowing his keen interest in spill response, find it difficult to believe to believe he will retire completely.



Science and technology

IIT-HYDERABAD FACULTY DEVELOPS RECYCLED THERMOCOL TO SOLVE OIL SPILL HASSLES



October 28 - Recycling plastic waste has become a global issue long ago. Many research studies have been carried out across the globe to find a solution to the disposal of plastic waste without causing any harm to the environment.

Thermocol (polystyrene foam), which is a non bio-degradable plastic waste, is causing a major harm to the environment.

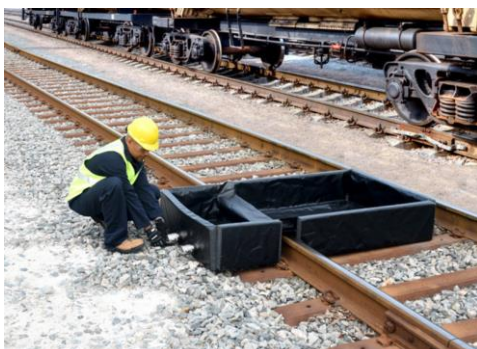
IIT-Hyderabad faculty member Chandra Shekar Sharma has designed a model to recycle thermocol without causing any damage to environment by using orange peel as a solvent. After tasting success at the lab level, the IIT faculty has applied for Indian, Chinese, American and PCT patent for his model.

Founding a startup (Restero Technologies) on the premises of IIT, he has also decided to recycle thermocol commercially soon to make it into a fabric, which would successfully absorb oil from water.

Since the existing recycling of thermocol models were not only feasible financially and also emanate toxic gases into the environment, the IIT faculty has said that not many have dared to take up the idea of recycling the thermocol.. Stating that they had already completed the lab level trials of the project, Sharma said that the launch of commercial recycled thermocol was a matter of time. *Telangana Today* [Read more](#)

New products

ULTRATECH'S PORTABLE SPILL CONTAINMENT IS FASTER THAN A LEAKY LOCOMOTIVE

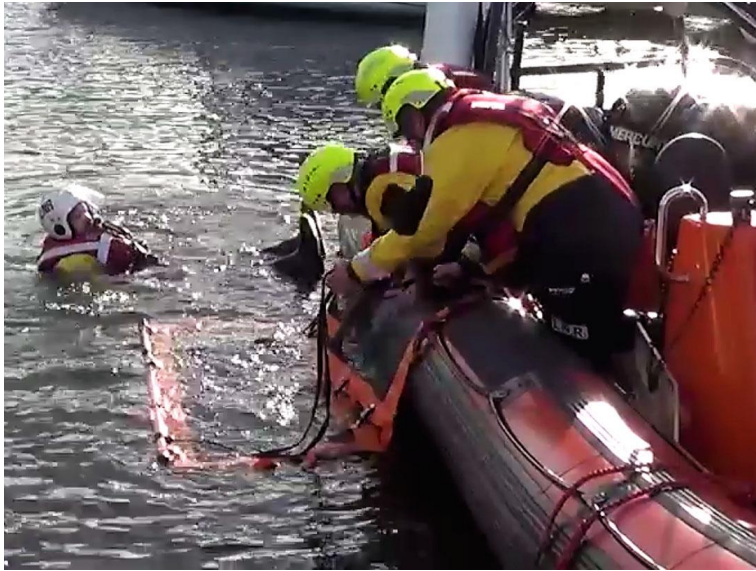


UltraTech's latest addition to their spill containment product line provides hazmat responders with a quick and effective way to contain fuel and fluid leaks and spills from locomotives, tankers and other railcars. The UltraTrack Berm is portable enough to be quickly and effectively moved by one person to a leak or spill and can capture up to 144 gallons.

Leaky locomotives and tanker cars can wreak environmental havoc on a railroad site. The heavy-duty containment pool is designed to straddle a rail and provide spill protection beside and between the tracks. If a larger spill occurs or greater capacity is needed, drain hoses (not included) can be connected to the camlock fittings. Spilled material can then be directed to a waste collection area or larger container. [More info](#)

New products (continued)

FASTANK - MAN OVERBOARD RECOVERY SYSTEM



Oil Spill Response involves a lot of on water work from boats with the attendant risk of someone falling overboard. If they fall into oil it is an even bigger problem. To recover a casualty from water is challenging and difficult, as anyone who has been involved can testify.

Fast Engineering who are known for their innovation have developed a simple solution in conjunction with their local inshore rescue service to address the problem. A short video of the rescue system in operation can be viewed on YouTube at <https://youtu.be/i6Tv8HnKiTI>

The innovation consists of two mesh stretchers which can be clicked together. One edge is attached to the boat and the other to a flotation pole. Due to the mesh the stretcher will partially submerge and the casualty can be pulled over it, then rolled into the boat with minimal risk or strain

on the rescuers in the boat. When at the dock the double stretcher can be unclicked and a single unit used to carry the casualty ashore.

Casualties with injuries or broken bones are cradled by the soft stretcher and held firmly without pressure concentrations on the body. The mesh also affords high friction to prevent the casualty slipping on the stretcher for example when going up steps.

If the casualty has to be decontaminated, the mesh, again, has the advantage that wash water will not pond around the body, but flow away through the mesh.

The system has been tested to 200 kgs. (440 lbs.). It packages to a small volume which can easily be stored on board a vessel and weighs only 2.20 kg. (5 lbs.). The materials used are corrosion resistant, hygienic and easily cleaned, ideal in a marine environment.



Further details or brochures can be obtained from www.fastank.com or emailing seamus@fastank.com

ELASTEC ANNOUNCES THE INLANDER BOAT AND BARGE



With the speed of a thoroughbred and the strength of a draft horse, the Inlander Response Boat and Barge is built for quick response and for hauling heavy loads - a work horse on the waterways. The

Inlander Boat and Barge is a shallow draft vessel system - a safe and functional alternative to the use of fishing boats for response operations. The 22 ft / 6.7 m long boat has a modified V-hull with a 6-degree deadrise for maximum speed-to-weight performance in choppy or swift waters. The rectangular straight, sheer shape of the Inlander Boat and Barge allow them to be harnessed together to form various work and dive platforms. *Elastec* [Learn more](#)

Publications

CSIRO OIL SPILL MONITORING HANDBOOK NOW FREELY AVAILABLE AS PDF DOWNLOAD

November 1 - This Handbook was written to provide advice to the Australian maritime sector (ports, shipping and terminals) in determining the necessary monitoring to be undertaken following the accidental release of oil or other petroleum-based products into the marine environment, although sections of the book may be of interest to the offshore industry or to those responding to a spill of another chemical.

It updates the Australian Maritime Safety Authority's 2003 Oil Spill Monitoring Handbook, taking into account the latest scientific advances in physical, chemical and biological monitoring many of which have evolved as a consequences of major oil spill disasters in the last decade, in particular the Deepwater Horizon wellhead blowout in the Gulf of Mexico in 2010.

Practical guidance is provided for all aspects of oil spill response, although the primary focus is on response phase monitoring.

Responses to oil spills (and other accidental releases of hazardous chemicals) are a complex series events where responders must balance competing stakeholder interests and priorities to both mitigate any environmental damage (from an ecological, socioeconomic and amenity standpoint) and to minimise any long-term impacts of the release of oil on sensitive ecosystems. Its focus is on the types of receptor organisms that might be encountered in all areas of Australia's coastal environment from tropical to temperate waters, however the advice provide is readily applicable to oil spill events in other parts of the world where local guidance may not be available, including parts of Asia.

Background information is provided on the chemical properties and fate of oil in marine waters and on its toxicity to a full range of receptor organisms, in sufficient detail that readers with a minimum of scientific training can appreciate the reasons underpinning the recommended monitoring strategy. Initial information on the nature of the incident is supplemented by chemical monitoring of chemical and the identification of likely biological receptors is used in evaluating a response assessment which begins with a net environmental benefit analysis.

This leads to the selection of an appropriate response options which might include the use of chemical dispersants, mechanical collection, in situ burning among others.

Monitoring is also required in the recovery phase to determine the impacts of the spill and the response, to be initiated in parallel to the oil spill response. Details are provided of standard operating procedures for collecting the samples that would inform both the response and recovery phases of the monitoring.

Throughout the text, examples are provided of lessons learned from previous oil spill incidents, both local and international. The incorporation of state-of-the-art monitoring approaches should improve contingency plans for future responses to oil spills both in Australia and elsewhere. CSIRO Research Publications [More info](#)

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

AMSA Aboard Newsletter from George Holliday	News from the Australian Maritime Authority	December, 2016
Bow Wave	News and commentary on HSE issues from George Holliday	On request via email
Cedre Newsletter	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
CROIERG Enews	News from Cedre in Brittany, France	September 2017
EMSA Newsletter	Canberra & Regions Oil Industry Emergency Response Group	October 2017
Environmental Technology Online	News from the European Maritime Safety Agency	October 2017 issue
EUROWA Newsletter	Environmental Monitoring, Testing & Analysis	September 2017 issue
IMO News Magazine	European Oiled Wildlife Response Assistance Module	October 2017
IMO Publishing News	News from the International Maritime Organization	Autumn 2017 issue
Intertanko Weekly News	New and forthcoming IMO publications	October 2017
JOIFF "The Catalyst"	International news for the oil tanker community	October 27, 2017
Maritime Executive Magazine	Int'l Organisation for Industrial Hazard Management	Q4 2017 issue
MOIG Newsletter	Often contains articles of interest to the spill response community	July-August 2017
NOWPAP Quarterly	News from the Mediterranean Oil Industry Group	October 2017 issue
Ocean Orbit	News from the North West Pacific Action Plan	Quarter 1, 2017 issue
OCIMF Newsletter	Newsletter from the International Tanker Owners Pollution Federation	August 2017
Pollution Online Newsletter	News from the Oil Companies International Marine Forum	October 2017 issue
Safe Seas, Clean Seas	News for prevention & control professionals	November 1, 2017
Sea Alarm Foundation Newsletter	Quarterly Newsletter from Maritime New Zealand	August 2017 issue
Technology Innovation News Survey	Oiled wildlife Preparedness and Response news from Sea Alarm	Spring 2017 issue
Transport Canada Newsletter	News from US EPA – Contaminated Site Decontamination	Sept. 1-15, 2017
UK NCEC	News and articles re transport of dangerous goods in Canada	June 2017 issue
USA EPA Tech Direct	News from the National Chemical Emergency Centre	July 2017 issue
USA EPA Tech News & Trends	Remediation of contaminated soil and groundwater	November 1, 2017
WMU Newsletter	Contaminated site clean-up information	Spring 2016 issue
	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

Events

AZERBAIJAN: 5TH PRACTICAL CONFERENCE AND EXHIBITION "OIL SPILL CONTROL CASPIAN: ONSHORE AND OFFSHORE" : 27 – 28 NOVEMBER 2017, BAKU, AZERBAIJAN

The event is supported by Ministry of Emergency Situations of Azerbaijan and State Oil Company of Azerbaijan Republic (SOCAR)

The main goal of the conference is to provide HSE specialists from oil companies, refineries, ports, terminals as well as ship-owners with information about legislation changes, effective approaches to oil spill response planning and latest cost-effective technologies and equipment for oil spills prevention, monitoring and recovery.

Leading industry experts will discuss following topics:

- Development of plans for oil spill prevention and response
- Working with government and environmental bodies
- Latest oil spill prevention and clean-up technologies
- Efficiency of current spill prevention and response methods
- Comprehensive oil clean-up measures and reducing industrial emissions
- Oil waste disposal
- Reclamation of contaminated lands
- Introducing risk-management systems and procedures

Exhibition and networking: equipment developers and suppliers, developers of innovative technologies and leading contractors will demonstrate and give briefings about the solutions they offer. Coffee breaks and standing lunch will be served in the exhibition area to provide more networking opportunities and increase attendee focus on exhibiting stands

Annual conference participants and speakers include: Ministries of Oil and Gas of Azerbaijan, Russia, Kazakhstan, Ministry of Emergency Situations of Azerbaijan, Ministry of Emergency Situations of Russia, Ministry of Ecology and Natural Resources of Azerbaijan, Oil Spills Response, SOCAR, Lukoil, Gazpromneft, Transneft, CPC, Gazprom DobychaYamburg, Gazprom VNIIGAZ, Bashneft, Slavneft, KazMunaiGaz, Black Sea Terminal, Cross Caspian Oil and Gas Logistics, KazMorTransFlot, KazMunaiTeniz, NCOC, Caspian Offshore Construction, KMG Systems and Services, Aerodata, Norlense, DESMI Ro-Clean, Ecoceane, Lamor, and others.

The speakers confirmed include: Matthew Bryza, CEO, Lamor Turkey, Jens Schinkoethe, Business Development Director, Aerodata, Rasmus Guldbran Гулдбранд, Vice President, Lamor Environmental Solutions, Marat Ormanov, General Director, Kazmortansflot, Rovshan Fatullaev, Head of Ecological Projects Department, SOCAR, Ibrahim Guliyev, Vice President, Azerbaijan National Academy of Sciences, Marta Januszewska, Regional Representative Europe and Caspian, Oil Spill Response Ltd, Representative, Ministry of Emergency Situations of the Republic of Azerbaijan.

[More information, Programme and Registration](#)

Upcoming events summary

COUNTRY	2017	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
IVORY COAST	Nov. 6-9	GI WACAF Regional Conference	Abidjan
UK	Nov. 8	UK Spill Seminar info@ukspill.org	Southampton
UAE	Nov. 13-16	Abu Dhabi Int'l Petroleum Exhibition & Conference	Abu Dhabi
AZERBAIJAN	Nov. 20-22	Oil Spill Control Caspian – Onshore & Offshore	Baku
UK	Nov. 29-30	11th Arctic Shipping Summit	London
USA	Dec. 5	SCAA Reception at CLEAN GULF	Houston, TX
USA	Dec. 5-7	Clean Gulf Conference and Exhibition	Houston, TX
UAE	Dec. 6-7	MENA Oil Spill Response & Management Workshop	Dubai
UK	Dec. 6-8	Salvage & Wreck Removal Conference	London
GABON	Dec. 11-14	GI WACAF Nat'l W'shop on Marine Oil Spill Waste	Libreville
UK (N. Ireland)	Dec 12	ISAA Christmas Meeting and Lunch	Lisburn
MALAYSIA	Dec. 13-15	Oil Spill Management and Response Workshop	Kuala Lumpur

Upcoming events summary (continued)

COUNTRY	2018	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
CANADA	Feb. 21-22	12th Arctic Shipping Summit	Montreal
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	March 20-21	SCAA Annual Meeting & Conference	Arlington VA
RUSSIA	March 22-23	Baltic Sea Day International Environmental Forum	St. Petersburg
USA	April 4-5	Clean Waterways Conference	St. Louis, MO
FINLAND	April 17-20	Arctic Shipping Forum	Helsinki
NEW ZEALAND	May 1-3	NZ 5th Contaminated Land Conference	Christchurch
USA	May 7-11	13th Int'l Effects of Oil on Wildlife Conference	Baltimore, MD
UK	May 23-24	HAZMAT 2018	Stratford on Avon
ITALY	June 20-22	INTERTANKO Annual Event 2018	Rome
USA	June 19-21	Clean Pacific Conference and Exhibition	Portland, OR
INDIA	July 5-6	Oil Spill India 2018 Conference & Exhibition	New Delhi
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

Correction

ISAA MEETING AND CHRISTMAS LUNCHEON

The venue for this event is **LISBURN** and not Hillsborough as previously advised.

The ISAA Christmas Lunch for members and invited guests will this year be held at Lisburn, Northern Ireland on 12th December. This will be preceded by a normal members meeting and the lunch will be followed by an after luncheon speaker. A full business agenda will be issued in due course but if you would like to attend, please email: johnadawes@btinternet.com so that we can book an appropriate number of places for lunch.

Last words

METRIC IS NOT ALWAYS THE ANSWER

For instance it plays havoc with folk wisdom i.e.

A miss is as good as 1.6 kilometers¹.

Put your best 0.3 of a meter² forward.

Spare the 5.03 meters³ and spoil the child.

Give a man 2.5 centimeters⁴ and he'll take 1.6 kilometers⁵.

Peter Piper picked 8.8 liters⁶ of pickled peppers.

For readers who are not familiar with imperial units, here is some help –

¹ a mile

² foot

³ rod

⁴ an inch

⁵ a mile

⁶ a peck

[Thanks to Paul Dixon and Sam Ignarski of the Maritime Advocate Online]

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