



ISCO NEWSLETTER

The Newsletter of the International Spill Response Community

Issue 562 28 November 2016

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 organisation.

ISCO COMMITTEE & COUNCIL

ISCO is managed by an elected executive committee members of which are **Mr David Usher** (President, USA), **Mr John McMurtrie** (Secretary, UK), **Mr Marc Shaye** (USA), **Mr Dan Sheehan** (USA), **M. Jean Claude Sainlos** (France), **Mr Kerem Kemerli** (Turkey), **Lord Peter Simon Rickaby** (UK), **Mr Li Guobin** (China), **Captain Bill Boyle** (UK) and **Mr Dennis van der Veen** (The Netherlands).

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

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

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

INTERNATIONAL DIRECTORY

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International news

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



The 5th Conference and Exhibition
Oil Spill Response Workshop (OSRW 2016)
December 8-9, 2016 Beijing China

a topco event



IOSC 2017
International Oil Spill Conference

OIL SPILL MANAGEMENT MARKET ANALYSIS BY TECHNOLOGY, BY RESPONSE TECHNIQUE, BY APPLICATION AND SEGMENT FORECASTS TO 2022

November 25 - The global oil spill management market size is expected to reach USD 125.62 billion by 2022. Increasing oil spill incidents since the past five years coupled with stringent safety and environmental regulations are expected to remain key driving factor for global oil spill management market. In addition, increasing seaborne and pipeline transportation of crude oil and chemicals globally is also expected to have a positive impact on market growth.

Strict government regulations particularly in North America and Europe for employing safety devices and technologies during drilling and transportation of crude oil have contributed towards market development in these regions. Increasing offshore and pipeline tanker transportation of petroleum products is also expected to increase demand for various oil spill management technologies. Additionally, increasing R&D by key players for efficient and rapid oil spill cleaning is expected to create opportunities for the market over the forecast period.
Research & Markets [Read more](#)

SHELL SUED IN UK FOR 'DECADES OF OIL SPILLS' IN NIGERIA

November 22 - More than 40,000 Nigerians demand action from Shell to clean up oil spills that have devastated communities for decades.

Britain's High Court began hearing lawsuits on Tuesday filed by the Ogale and Bille people alleging that decades of oil spills have fouled the water and destroyed the lives of thousands of fishermen and farmers in the Niger River Delta, where a Shell subsidiary has operated since the 1950s. *Aljazeera* [Read more](#)

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Incident reports from around the world

USA: MAJOR DAMAGE, MASSIVE FUEL SPILL REPORTED AFTER CSX TRAINS COLLIDE IN FLORIDA

November 16 - Two trains collided overnight Tuesday in Florida, causing massive damage and about 3,000 gallons of fuel to spill, Marion County Fire Rescue said. *Statesman* [Read more and watch video](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

BRAZIL: AMAZON OIL SPILL IMPACTS INDIGENOUS VILLAGES ON TELES PIRES RIVER

November 21 - An oil spill was detected on the Teles Pires River, a major tributary of the Tapajós River in a remote part of the Amazon Basin on Sunday, November 13th. The spill occurred on the border between the Brazilian states of Pará and Mato Grosso. The São Manoel hydropower dam is being built at that location in the city of Jacareacanga. *Mongabay* [Read more](#)

USA: BELTON OIL SPILL POLLUTION 'GETTING WORSE,' CONSERVATION GROUPS SAY

November 21 - A rupture in the Plantation Pipeline spilled more than 370,000 gallons of gasoline and petroleum products near Lewis Drive in Belton back in December 2014. The South Carolina Department of Health and Environmental Control (DHEC) has been overseeing Kinder Morgan's cleanup efforts, and requested a specific part of Belton Creek get tested this summer.

"From August to September of this year, Kinder Morgan's own tests show the pollution has been growing by as much as 35 percent," said Southern Environmental Law Center Senior Attorney Frank Holleman. *The Maritime Executive* [Read more](#)

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

CANADA: ENGINEERS CALL FOR B.C. TANKER RISK ASSESSMENT



Photo: Tanker transiting the Second Narrows (undated file image)

November 18 - A group of engineers is petitioning for a full risk assessment of tanker traffic through Vancouver's Second Narrows, traffic that would increase to a ship a day if Kinder Morgan's Transmountain pipeline expansion is approved.

The Second Narrows has two bridges – a low railroad drawbridge and a highway. The engineers are concerned that a rudder failure could send a loaded Aframax drifting into a rail bridge span, then carry that span's tower into the highway bridge 400 feet to the west.

While this worst-case scenario sounds unusual, they note that it is not unprecedented: in 1979, the 25,000 dwt freighter Japan Erica struck the rail bridge at low speed, knocking the north tower span off its footing and pulling the north lift tower off at an angle. The Aframax tankers lifting crude from Transmountain's Westridge terminal are about four times larger than the Erica. *The Maritime Executive* [Read more](#)

News reports from around the world (continued)

CANADA: OIL SANDS ASIA EXPORT DREAM FACES PORT BOTTLENECK

November 20 - The bullish view for Suncor Energy Inc, Cenovus Energy Inc and other Canadian energy producers calls for Prime Minister Justin Trudeau by next month to approve a major pipeline expansion to the west coast, boosting sales of land-locked oil sands crude to Asia.

But a growing number of shipping brokers and physical oil traders warn that any new influx of oil will hit a bottleneck in Vancouver, because of the port's inability to accept the megaships that dominate oil trade globally.

This bottleneck marks one of the more under appreciated hurdles facing Canadian oil sands crude being shipped from its busiest port of Vancouver, these shipping brokers say. *gCaptain* [Read more](#)

CHINA: ITOPF ATTENDS THE OIL TRANSPORTATION SAFETY FORUM



November 16 – News from ITOPF - China Liaison Officer, Rose Ying, attended the 7th China Oil Transportation Safety Forum on 8th November in Dalian.

The theme of this year's event was "Safety, Sharing, Innovation and Development" and it attracted over 160 representatives from the energy and shipping sectors, financial institutions, academia and the media. Co-hosted by the China Classification Society, China COSCO Shipping Group Co. Ltd. and China Petroleum & Chemical Corporation, it featured keynote speeches from the security director of the Ministry of Transport and the general manager of COSCO Shipping Group and addressed topics relating to oil transportation safety, as well as recent trends for the industry and current issues affecting tankers. *ITOPF* [Read more](#)

JAPAN: CONTAMINATION: DOCUMENTS REVEAL HUNDREDS OF UNREPORTED ENVIRONMENTAL ACCIDENTS AT THREE U.S. MARINE CORPS BASES ON OKINAWA

November 19 - Documents recently released under the Freedom of Information Act show that the U.S. military has been keeping hundreds of environmental accidents at three of its most important bases on Okinawa under wraps.

Since 2002, at least 270 environmental accidents on U.S. Marine Corps bases on Okinawa have contaminated land and local waterways but, until now, few of these incidents have been made public. Internal reports highlight serious flaws in training and suggest the lessons of past accidents have not been effectively implemented. Moreover, recent USMC guidelines order service members not to inform Japanese authorities of accidents deemed "politically sensitive," raising concerns that many incidents may have gone intentionally unreported. *Japan Times* [Read more](#) [Thanks to Don Johnston of ISCO Industry Partner, DG & Hazmat Group]

JAPAN: NORTHEAST JAPAN DODGES BULLET FROM M7.4 QUAKE

November 22 - A powerful earthquake struck northeastern Japan on Tuesday morning, briefly disrupting nuclear fuel cooling functions at the Fukushima No. 2 power plant and generating tsunami of over 1 meter in the region that was devastated by the Great East Japan Earthquake, tsunami and nuclear disaster five years ago.

The 5:59 a.m. quake with a preliminary magnitude of 7.4 is believed to be an aftershock of the March 2011 mega-quake, the Meteorological Agency said. *Japan Times* [Read more and watch video](#)

MEXICO: CARLOS SAGRERA, MISCO, SPEAKS ON THE NEW NATIONAL CONTINGENCY PLAN

Last week in Tampico (Tamaulipas State, East coast of Mexico) ISCO Member, Carlos Sagrera gave a presentation on the new National Contingency Plan of Mexico. The new plan, which became effective on 24th October 2016 can be downloaded here - http://www.dof.gob.mx/nota_detalle.php?codigo=5458067&fecha=24/10/2016.

Visión para Regulados y Contratistas

Conferencista: Carlos Sagrera
HSE& Oil Control Advisor- Miembro de



News reports from around the world (continued)

UK: LINCOLNSHIRE SERVICES TAKE PART IN MABLETHORPE OIL SPILL TRAINING EVENT

November 21 - Operation Grey Seal has seen the Lincolnshire Resilience Forum and Humberside Resilience Forum, made up of local authorities including Lincolnshire County Council, East Lindsey District Council, the Environment Agency and emergency services, teamed up to test how they deal with a large scale coastal pollution incident.

The national exercise, named Grey Seal, will involved more than 60 public and private sector organisations, including the Maritime and Coastguard Agency (MCA), DfT, the Environment Agency, Shell International Trading & Shipping, P&O Ferries and ABP Humber. *Lincolnshire Reporter* [Read more](#)

USA: HURRICANE MATTHEW DEBRIS CLOGS SOUTH CAROLINA WATERWAYS. WHO WILL CLEAN IT UP??



Photo: Water pours over the high battery in downtown Charleston S.C. during Hurricane Matthew on Saturday Oct. 8, 2016 in Charleston, S.C. Matthew continued its march along the Atlantic coast Saturday, lashing two of the South's most historic cities and some of its most popular resort islands, flattening trees, swamping streets and knocking out power to hundreds of thousands. AP/Michael Prozano

November 18 - Because the storm blew debris into the water indiscriminately, officials don't know exactly what the debris is. More than a month after Hurricane Matthew's winds and waves sunk boats and destroyed docks and marinas, questions remain as to who is responsible for cleaning up debris in local waterways and marshland areas.

While Beaufort County, S.C., is partnering with local municipalities and state agencies on efforts to remove storm debris from roadways, that's not yet the case for debris in the water.

"For marine debris, we are not as far along in the removal process as we are with debris along the roads," county stormwater manager Eric Larson said earlier this week. "We are working with state agencies trying to determine who is going to take the lead on this."

Marine debris cleanup is "is definitely a broad, multi-agency effort, and that can take time to coordinate," Schaefer said, "but the faster the debris is cleaned up, the better." *Emergency Management*

[Read more](#)

USA: NO NEW FEDERAL OIL AND GAS LEASES IN THE ARCTIC FOR 5 YEARS

November 19 - The Obama Administration has removed the Arctic Ocean from any new offshore oil and gas leasing for the next five years.

Rachel Waldholtz of Alaska Public Media reported for NPR's Newscast Unit: "The announcement has been anticipated and dreaded in Alaska, where environmentalists argued that drilling in the Arctic Ocean makes no sense because of the potential impact on climate change and the dangers of a major oil spill, while the oil and gas industry and some Alaska Native groups have pushed to keep the region open to development. The administration's decision was blasted by Alaska's congressional delegation and governor."

The plan does not shut down all new offshore drilling around Alaska. One of the 11 newly approved federal lease areas is in the Cook Inlet south of the state, and the state government controls rights within 3 nautical miles of land, meaning they can approve new leases within that area without federal approval.

Although the new five-year plan was announced today, it will not go into effect until after a 60-day congressional review period, according to the text of the plan. That review period ends shortly before the Jan. 20 inauguration of President-elect Donald Trump. *Scpr.org* [Read more](#)

News reports from around the world (continued)

USA: NASA SURVEY DISCOVERS EXTENSIVE COASTAL EROSION FROM GULF OIL SPILL



2010 photo of a shoreline in Bay Jimmy, Plaquemines Parish, Louisiana, impacted by the BP Deepwater Horizon oil spill. Oil weakens and kills vegetation, leading to the loss of roots that help hold soil together. (Bruce A. Davis, Department of Homeland Security)

November 20 - Dramatic, widespread shoreline loss is revealed in new NASA/U.S. Geological Survey annual maps of the Louisiana marshlands where the coastline was most heavily coated with oil during the 2010 BP Deepwater Horizon oil spill in the Gulf of Mexico.

Following the spill, the length of shoreline that receded more than 13 feet (4 meters) a year quadrupled compared to the year before the spill. The land losses occurred mainly in areas where oil had washed ashore during the spill. *Clarksville Online* [Read more](#)

USA: NAMEPA AWARDED LONG ISLAND SOUND FUTURES FUND GRANT

Photo: From Left: NAMEPA's Mary Hogue and Boys & Girls Club's Rueben Goodwin, Melissa Moy, and Jeff Pytlak attend the Long Island Sound Futures Fund Grant awardee ceremony

November 22 - The North American Marine Environment Protection Association (NAMEPA) has received a grant funded through the Long Island Sound Futures Fund. This grant program combines funds from the U.S. Environmental Protection Agency (EPA), The National Fish and Wildlife Foundation and the U.S. Fish and Wildlife Service. NAMEPA was one of twenty-five grantees sharing the \$1.3 million awarded in the states of Connecticut and New York.



The project designed by NAMEPA entitled Connecticut Coastal Youth Stewards will educate and engage 150 K-12 youth in the prevention of marine debris and protection of the marine environment. The project will prevent over 1,500 pounds of debris from entering the Long Island Sound waters and encourage students to become environmental stewards through hands-on education about the impact of marine debris on the Sound as well as other waterways. *The Maritime Executive*

ISCO News

ABOUT THE ISCO COUNCIL

According to the ISCO Constitution "The ISCO Council is composed of the appointed National Representatives of each country in which there are Members of ISCO. The ISCO Council acts as an advisory and consultative body, assisting the Executive Committee on policy, new initiatives and other matters. Each Member of Council is the primary point of contact between the Membership in the country (or region) represented and the Executive Committee.

The Executive Committee also looks to Members of Council for support in facilitating communications between ISCO and government ministries or agencies, and other national authorities, institutions or bodies in the countries (or

regions) represented. Members of Council are expected to promote ISCO's objectives and to encourage growth of ISCO Membership in their countries".

Most Members of ISCO Council have full time occupations and are able to give only a very restricted amount of their time in support of the organisation. Because of this, Council Members are limited in what they can do to help but ISCO owes a big debt of gratitude to its Members of Council for their continuing support.

With ISCO's dependence on membership fees for its funding, recruitment of members is particularly important. Members of the ISCO Committee, ISCO Council and other ISCO Members have all helped in this effort. This year ISCO membership is being promoted at exhibitions in Croatia, Australia, USA, India, UK and China – something that would have been impossible without this help and support.

Over the years individual Members of ISCO Council have helped the organisation in many ways –

- Making recommendations to the Executive Committee on policy and other matters
- Giving practical support to ISCO initiatives that are of benefit to our community
- Acting as a point of contact between ISCO and national authorities
- Organising "in-country" meetings of members
- Helping to grow the organisation by recruiting new members
- Publicising the aims and work of ISCO at national conferences
- Providing member benefits such as discounts on training courses, conference fees, etc.
- Supporting ISCO representation at in-country exhibitions
- Representing the organisation at international conferences, IMO and other meetings.
- Contributing to working groups (ISCO, IMO, and others) on projects for improving spill response
- Providing technical articles, case histories, etc. for publication in the ISCO Newsletter
- Sending interesting news reports for inclusion in the ISCO Newsletter

Members of ISCO Council can be found at <http://spillcontrol.org/members/members-of-the-isco-council>

ISCO has members in more than 45 countries but there are still many countries where there is currently no Member of Council. Also, as time passes, we lose Council Members as individuals retire or move on. It would be of great benefit for the organisation to increase the number of Council Members. If you would like to become a Member of ISCO Council here please note that -

- Any member* of ISCO can volunteer to become a Member of ISCO Council
- You can recommend someone else as a new Member of ISCO Council

There are a few rules –

- Under most circumstances only one Member of Council can be appointed for each country
- Appointment of a new Council Member should be approved by a majority of the in-country members and the ISCO Executive Committee
- If more than one individual wishes to represent a particular country, an election will be held amongst the in-country members to decide on the appointment.
- A Member of ISCO Council must maintain his/her status as a paid-up member* of ISCO
- The re-appointment of all Members of the ISCO Council is normally confirmed at the Annual General Meeting unless an objection is raised or a Council Member intimates a wish to stand down

*In this context "member" can mean –

- an Individual Member
- or a Professional Member
- or an employee of a Corporate Member
- or an employee of an Industry Partner.

If you would like to propose yourself or someone else as a new Member of ISCO Council please contact the Secretariat at info@spillcontrol.org

OIL SLICK FATE IN 3D - PREDICTING THE INFLUENCE OF (NATURAL AND CHEMICAL) DISPERSION ON OIL SLICK FATE

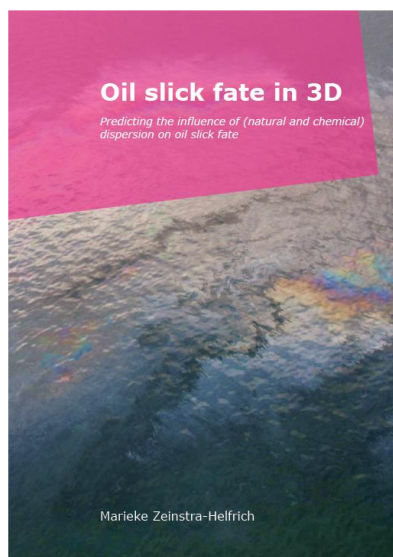
An short article submitted by Dr Wierd Koops, Hon.FISCO, on behalf of Marieke Zeinstra, NHL University of Applied Sciences, The Netherlands. This relates to her PhD thesis on Oil Dispersion Modelling.



Application of dispersants remains a popular oil-spill-response option. Marieke Zeinstra, a researcher at NHL University of Applied Sciences, spent >4 years studying the dispersion process in order to provide a method to predict the ADDED benefit of chemical dispersion over natural dispersion. On Monday 21st of November, she defended her PhD-thesis entitled "Oil slick fate in 3D. Predicting the influence of (natural and chemical) dispersion on oil slick fate" at Wageningen UR.

In certain conditions, (part of) an oil spill can disappear from the water surface through a process called natural dispersion. One available oil spill response option is to enhance this process by addition of dispersants (chemical dispersion). An informed decision for such response requires insight in the oil slick size WITH and WITHOUT treatment. This thesis aims to enable such assessment of net effectiveness, by providing a strategy for modelling the dispersion process.

A plunging jet test was developed for investigating entrainment and droplet breakup. Using this set up the relevance of oil layer thickness was proven and an algorithm for droplet size was defined. The findings were applied in a model simulating dispersion and resurfacing as well as the wind-driven differential transport between the floating slick and suspended droplets. The simulation outputs indicate whether dispersant application would significantly affect the surface oil slick size (positively or negatively!), for the different conditions.



This PhD project was supervised by promotor prof. dr. Tinka Murk (Wageningen UR) and co-promotor dr. Wierd Koops (NHL), and is part of a project group consisting of 4 PhD's and their supervisors. Funding for the project was largely by the Gulf Of Mexico Research Initiative, where they are part of the C-IMAGE consortium, and partly by the Wageningen UR Triple P@Sea fund.

From her current position at the NHL University of applied sciences, Marieke will continue her research aimed at optimizing spill response as well as minimizing pollution by incidental and operational releases.

The bibliographic info can be found at-

<http://library.wur.nl/WebQuery/wda/2182933>

The thesis itself is not available online yet, as not all articles have been accepted yet. I could provide links to the separate articles, but people could also contact me for a hard copy -

M.Zeinstra@nhl.nl

EVALUATION

A new series of articles contributed by Mark Francis of Oil Spill Solutions



Mark Francis has been involved with the oil industry since 1975. He attended his first oil spill in 1976, the Tanker Elaine V incident. He became head of response for inland spills within the UK for British Petroleum E & P in 1980 for 10 years responding to well, storage tank and pipeline spills throughout the UK. Over the next 25 years he continued to build his international operations experience and has also specialised in spill response training, delivering IMO and other courses in more than 20 countries.

Part 7

Glossary of observation terms (continued)

Slick:



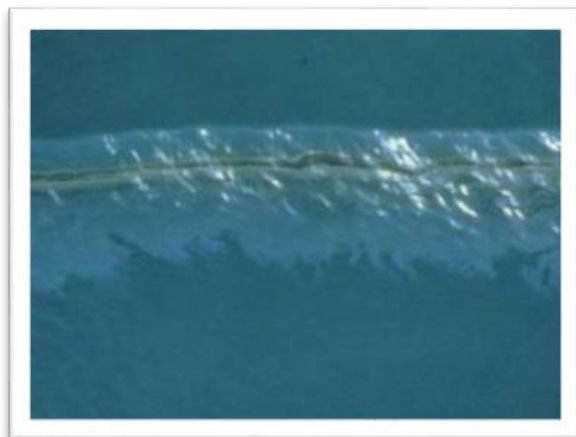
Oil spilled on the water which absorbs energy and dampens the surface waves making the oil appears smoother or “slicker” than the surrounding water.

This is show very well in the photo left, notice the waves around the oil are more pronounced than in the oil.

Streamers:

Narrow bands or lines of oil (sheens, dark or emulsified) with clean water on each side. Sometimes referred to as “fingers” or “ribbons.”

Streamers may be caused by wind and/or currents, but should not be confused with multiple parallel bands of oil associated with “windrows,” or with “convergence zones or lines” commonly associated with temperature and/or salinity discontinuities.



Tarballs:

Discrete, and usually pliable, globules of weathered oil, ranging from mostly oil to highly emulsified with varying amount of debris and/or sediment.

Tarballs may vary in size from millimeters to 20-30 centimeters across.

Depending on exactly how “weathered,” or hardened, the outer layer of the tarballs is, sheen may or may not be present.



Special feature (continued)

Oil bergs:

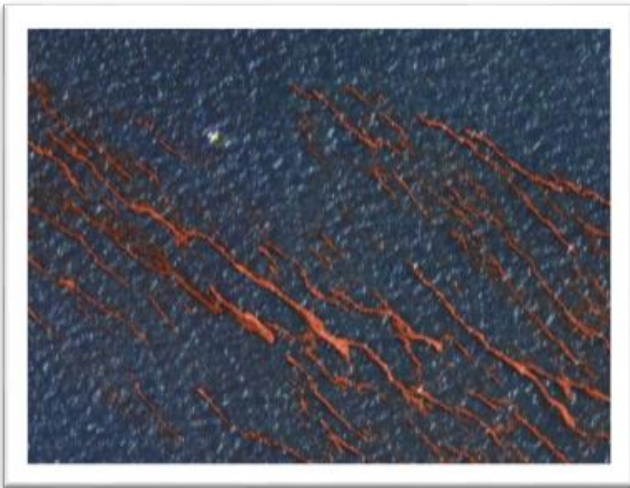
Tarballs may turn into what are called oil bergs off Mexico photo right.

They got the name because they float very low in the water but may weigh many tonnes.

They are actually formed by natural seeps on the sea floor and were ripped up in the shallow water when a hurricane passed through the region.



Windrows:



Streaks of oil that line up in the direction of the wind. Windrows or Langmuir streaks, named after the first person to study the phenomenon.

Irving Langmuir noticed patterns of floating seaweed when crossing the Atlantic Ocean in 1938.

Intrigued, he conducted experiments in a lake and discovered that wind can cause water to circulate in a pattern that makes material collect in lines on the surface.

The lines are roughly parallel to the wind direction, and the windier it is, the further apart the lines. Tending to form very early in a spill where the wind is 6 knots or greater.

Bands are usually spaced a few meters to 10s of meters apart; however, windrows have been observed with spacings of 100 meters or more.

Acknowledgement of borrowed photos and other material in this article – Over a period of years Mark has compiled an extensive repertoire of material for training purposes, some of which has been replicated in this article. As all the original sources cannot all be recalled, he apologises for not being able to acknowledge individual sources but does wish to record his gratitude to those who have helped him.

To be continued

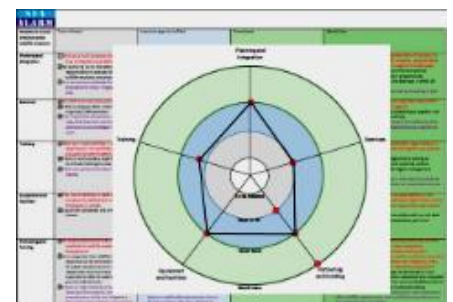
Technical support

SEA ALARM: A NEW SELF-ASSESSMENT TOOL FOR OILED WILDLIFE RESPONSE PREPAREDNESS

How prepared are we for oiled wildlife response?

This is a question regularly considered by the [HELCOM Response \(Baltic Sea Area\) Expert Working Group on Oiled Wildlife Response](#) (EWR-OWR), chaired by Sea Alarm.

To help with making an accurate assessment of their level of preparedness, the Working Group decided to develop a self-assessment tool to aid countries in gauging and reporting on their progress toward preparedness for response to oiled wildlife.



Technical support (continued)

The tool, which was developed by Sea Alarm in close consultation with the EWR-OWR, has been approved as the basis for reporting to HELCOM Contracting Parties and also provides a method for these countries to assess and qualify their own preparedness systems for oiled wildlife response.

Individual countries or government agencies can rate their preparedness using the tool, which can be downloaded from the Sea Alarm website (see [A multi-stakeholder approach to implementing wildlife response preparedness-including self-assessment tool](#) in our Publications:Conference Reports and Proceedings section) The tool is based on five pillars of preparedness:

1. Planning and Integration
2. Exercises
3. Training
4. Equipment and facilities
5. Partnering and funding

Users score themselves according to set criteria in each of the five pillars, providing them with a picture of their strengths and weaknesses, and pinpointing best use of resources for improving response preparedness. While the tool is not the only method available for measuring preparedness, if filled in honestly, incorporating views of all relevant stakeholders, it does provide a useful framework for evaluation and monitoring progress from year to year.

As a first iteration, the tool is presently semi-quantitative and will benefit from further refinement as users give input on their experience with it. In addition to the EWR-OWR, the [Bonn Agreement's OTSOPA Technical Group](#) has adopted the tool for reporting progress of North Sea Member States on oiled wildlife preparedness.

Sea Alarm also presented the tool at the [39th AMOP \(Arctic and Marine Oilspill Program\) Technical Seminar](#) on Environmental Contamination and Response in Canada in June to share the concept with a wider audience.

Reproduced here with thanks to The Sea Alarm Foundation <http://www.sea-alarm.org/>

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

AMSA Aboard	News from the Australian Maritime Safety Authority	August 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	October 2016
CROIERG Enews	Canberra & Regions Oil Industry Emergency Response Group	Current issue
EMSA Newsletter	News from the European Maritime Safety Agency	October 2016 issue
Environmental Technology Online	Environmental Monitoring, Testing & Analysis	November 2016 issue
IMO News Magazine	News from the International Maritime Organization	No 3, 2016
IMO Publishing News	New and forthcoming IMO publications	October 2016
Intertanko Weekly News	International news for the oil tanker community	November 25, 2016
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	October 2016 issue
MOIG Newsletter	News from the Mediterranean Oil Industry Group	October 2016 issue
NOWPAP Quarterly	News from the North West Pacific Action Plan	Quarter 1, 2016 issue
Ocean Orbit	Newsletter from the International Tanker Owners Pollution Federation	May 2016
OCIMF Newsletter	News from the Oil Companies International Marine Forum	October 2016 issue
Pollution Online Newsletter	News for prevention & control professionals	November 23 2016
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Autumn 2015 issue
Technology Innovation News Survey	News from US EPA – Contaminated site decontamination	October 1-15, 2016
The Essential Hazmat News	Alliance of Hazardous Materials Professionals	Feb 29, 2016 issue
Transport Canada Newsletter	News and articles re transport of dangerous goods in Canada	July 2016 issue
USA EPA Tech Direct	Remediation of contaminated soil and groundwater	November 1, 2016
USA EPA Tech News & Trends	Contaminated site clean-up information	Spring 2016 issue
WMU Newsletter	News from the World Maritime University	July 2016 issue

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

Training

OHMSETT: HANDS-ON SPILL RESPONSE TRAINING - FROM THE CLASSROOM TO THE TANK

November 15 - Ohmsett, in partnership with Texas A&M National Spill Control School (NSCS) announces the 2017 Oil Spill Response Strategies and Tactics Training Schedule: May 22-25,2017

With the emphasis on practical experience in full-scale oil recovery operations in the Ohmsett tank, you can increase your proficiency using boom and skimmers while practicing removing spilled oil. Instruction is provided by the National Spill control School (NSCS). Ohmsett provides professional training services to support the classroom as well as operational support for the hands-on boom and skimming exercises. At the end of the training you will receive a NSCS Certificate of Completion. For Registration and More Information, contact Jane Delgado at jdelgado@marinc.com

Events

CANADA: CALL FOR PAPERS FOR THE 40TH AMOP TECHNICAL SEMINAR

Environmental Contamination and Response to be held from June 6 to 8, 2016 in Alberta, Canada (venue pending). The seminar is an international forum on preventing, assessing, containing and cleaning up spills of hazardous materials in every type of environment. It also deals with solutions for remediating and rehabilitating contaminated site. AMOP is organized and sponsored by Environment Canada.

The deadline for abstract submissions - Dec 31, 2016. Technical Seminar Website: <http://www.ec.gc.ca/amop/>

UK: THE 19TH SALVAGE & WRECK REMOVAL CONFERENCE

The 19th Annual Gathering Of Salvage & Wreck Professionals is on 7-8 December 2016, at The Hilton, Tower Bridge, London. [See the full agenda](#)

ISCO Members should note that Tony Paulson, Director, West of England P&I will be speaking – Tony is the Chairman of the Joint ISCO – BIMCO Working Group and will give an update on the Standard Spill Response Services and Equipment Contract on Wednesday, 7 December 2016 12:30 - 13:00. [Conference Website](#)

IRELAND: ISAA MEETING & CHRISTMAS LUNCHEON ON FRIDAY 9th DECEMBER IN DUBLIN

The meeting, to which all members, regulators, local government and other stakeholders are invited, is at 10.30 am on Friday 9th December at the Irish Coastguard HQ and will be followed by the annual Christmas Luncheon.

The Guest Speaker will be Mr Paul Moroney, Senior Engineer, Water Services and Environment, Galway County Council. Paul will speak on “Local Authority Tier 1 and Tier 2 Oil Spill Response”

Places for the Christmas Luncheon are almost fully booked. Contact ISAA Administrator john.mcmurtrie@spillcontrol.org More info and link for registration at <http://www.isaa.org.uk/ireland/meetings.html>

UPCOMING EVENTS SUMMARY

COUNTRY	2016	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
KENYA	December 4	3rd Session of UN Environment Assembly (UNEA-3)	Nairobi
UK	December 7-8	19th Annual Salvage & Wreck Removal Conference	London
CHINA	December 8-9	5th Oil Spill Response Workshop Conf. & Exhibition	Beijing
IRELAND	December 9	ISAA Meeting and Christmas Luncheon	Dublin
2017			
USA	January 4-6	27th Annual, No-Spills Conference	Acme, Michigan
KUWAIT	January 10-12	Kuwait 2nd Oil Spill Conference	Kuwait
USA	March 28-30	2017 SCAA Annual Meeting & Conference	Washington DC
UAE	April 10-12	RECSO EnviroSpill 2017	Abu Dhabi
SINGAPORE	April 25-28	10th Intl Chemical and Oil Pollution (ICOPCE)	Singapore
USA	May 15-18	International Oil Spill Conference	Long Beach CA
USA	June 27-28	Clean Waterways	Louisville KY
2018			
UK	March 13-15	2018 INTERSPILL Conference and Exhibition	London
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

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