

ISCO & THE ISCO NEWSLETTER

The International Spill Control Organization, a not-for profit organization 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 Intergovernmental, Governmental, NGO's and interested groups and individuals

ISCO holds consultative status at the International Maritime Organisation and observer Status at International Oil Pollution Compensation Funds

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INTERNATIONAL NEWS

BECAUSE THE CORONA VIRUS PANDEMIC HAS GENERATED MORE EVENT CANCELLATIONS, OTHER ANNOUNCEMENTS, PRESS RELEASES, ETC. THE PUBLICATION OF THIS ISSUE OF THE ISCO NEWSLETTER HAS BEEN BROUGHT FORWARD FROM THE USUAL PUBLICATION DATE

MORE EVENT POSTPONEMENTS ANNOUNCED

NEW ANNOUNCEMENTS OF EVENT POSTPONEMENTS HAVE BEEN RECEIVED FROM CLEAN WATERWAYS (INDIANAPOLIS, USA), THE INTERNATIONAL OIL SPILL CONFERENCE (NEW ORLEANS, USA), POSIDONIA (ATHENS, GREECE) AND IMO (LONDON, UK). CLEAN PACIFIC (SEATTLE, USA) HAS NOT YET ISSUED A POSTONEMENT NOTICE. FOR DETAILED ANNOUNCEMENTS, PLEASE SEE "MESSAGES FROM EVENT ORGANISERS ON PAGES 3 & 4.

IMO SECRETARIAT CONTINUES WORK DESPITE COVID-19



March 18 - Despite the covid-19 pandemic, the IMO Secretariat continues to function effectively. the London headquarters building has reopened following deep cleaning and sanitization. however, in line with advice from the host government, the majority of staff are working remotely, making full use of telecommuting and teleconferencing technology.

external visits have been postponed and social visits are discouraged. a number of imo committee and sub-committee meetings have been postponed

IMO Secretary-General Kitack Lim stressed the need to move to this operational mode to help protect staff and visitors and to contribute to wider efforts to mitigate the impact of the disease. he also acknowledged the impact that covid-19 is having not only on the shipping industry but on the world as a whole. however, he hoped any negative impact it might have on the good progress being made at imo on key policy issues such as environmental protection, would be short-lived.

He emphasized that, despite working from home, imo staff remain fully committed to supporting the member states and delivering on the organization's objectives and mandates. <http://www.imo.org/EN/Pages/Default.aspx>

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Go to www.spillcontrol.org and enter your name and email address in the Registration Form (located on the right-hand side of the home page) then click on "subscribe"

INTERNATIONAL NEWS (CONTINUED)

TEMPORARY CLOSURE OF IOPC FUNDS' OFFICES

March 12 - As a precautionary measure in the context of the global COVID-19 outbreak, the IOPC Funds' offices are currently closed. However, the Secretariat continues to work remotely and will endeavour to provide services as usual and respond to all enquiries in a timely manner.

Staff remain contactable via their usual email addresses and telephone numbers. Please rest assured that all messages will be received and responded to at the earliest opportunity. For general enquiries please email info@iopcfunds.org In the event of an incident or emergency please call +44 (0) 7792 201 300 or +44 (0) 7740 162 495.

BIMCO ACTIVATES COVID-19 CONTINGENCY PLAN – ALL SERVICES STILL AVAILABLE

BIMCO has activated its contingency plan to ensure that all BIMCO services will continue over the coming weeks and be able to support the industry in this difficult time.

BIMCO has invested substantially in cloud-based technology and phone systems over the past years, which enables BIMCO staff to seamlessly work from remote sites.

BIMCO sees it as critical that the industry has access to reliable information and advice at this time, and will prioritise that effort. SmartCon support and the Support & Advice helpdesk are available as normal. BIMCO will continue to update its webpage with information relevant to shipping companies and the ongoing COVID-19 pandemic, as well as its regular updates on the shipping market, maritime security etc. [More info](#)

ITOPF OFFICE CLOSED AS A PRECAUTIONARY MEASURE

March 17 - ITOPF continues to operate to provide our core services. However, following the advice of the British Government the decision of ITOPF is to close the office as a precautionary measure in the context of the global COVID-19 outbreak.

ITOPF staff are working remotely and will endeavour to provide services as usual and respond to all enquiries in a timely manner.

Staff remain contactable via their usual email addresses. For general enquiries please email central@itopf.org

In the event of an incident or emergency please call +44 (0)20 7566 6998.

IMarEST: COVID-19 UPDATE

With the rapidly mounting global challenge of the COVID-19 coronavirus, IMarEST assures you that the Institute holds the health and wellbeing of its staff and members as its highest priority - public safety is one of our primary charitable purposes.

As such, we are ensuring our teams are equipped and supported to work productively and maintain services without being exposed to unnecessary health risks.

Due to the recently updated government guidelines, we are asking all staff to work from home at this time. Staff will continue to be contactable by phone and email as usual. It is not certain exactly when staff will be able to return to the office, but we will continually evaluate the situation as it develops and will inform you of any changes.

Volunteers are asked to note that we have advised our teams to avoid face-to-face meetings until further notice, moving to virtual meetings where possible. If you need assistance or would like to make a payment, you can call us as normal. [More info](#)

ISCO NEWS

CORONAVIRUS PANDEMIC

The problems caused by the pandemic are going to be with us for a long time and ISCO Members are asked to share information on the practical measures they are taking to cope with the ongoing situation. It will be of benefit to all of us to do this and the ISCO Newsletter will support this sharing process by publishing helpful contributions received from members and other sources.

ISCO EMERGENCY ASSISTANCE FACILITY

This service will continue to be available during the Coronavirus emergency. See <http://www.spillcontrol.org/emergency-assistance>

USA: CLEAN WATERWAYS POSTPONED

March 16 - In light of the recent recommendations of Indiana Governor Eric Holcomb pertaining to the novel coronavirus (COVID-19), we are announcing that CLEAN WATERWAYS will NOT take place from April 7 – 9, but instead be POSTPONED until later in the year.

We are keenly aware of the impact this is having on the entire response industry, and feel that this decision will allow us to best serve our community and reiterate that the safety and health of our attendees, speakers, exhibitors, and sponsors is our top priority. We recognize that many of you have been called to help with the decontamination of businesses and sites and work contingency plans for your organizations. You all are a vital role in the continuation of business and commerce in times of crisis, and we sincerely thank you for your efforts. It is times like these that we are truly honored to serve the community that we serve.

We are working with the JW Marriott Indianapolis to secure new dates, and will be giving a complete update and announcing the new dates for CLEAN WATERWAYS 2020 as soon as we can. We appreciate your support and your patience during this time.

ksparks@accessintel.com

USA: INTERNATIONAL OIL SPILL CONFERENCE POSTPONED

March 19 - For the past few weeks, the International Oil Spill Conference (IOSC) Executive Committee has been paying close attention to the developing news about the novel coronavirus (COVID-19). After much thoughtful deliberation and evaluation of the evolving situation, IOSC leadership has ultimately decided to postpone IOSC 2020.

We apologize for any inconvenience this postponement may cause to you and your business needs. In making this difficult decision, the health, safety, and welfare of our attendees was paramount. We acknowledge that the increase in company-mandated travel restrictions, as well as growing concerns over exposure have made it impossible to ensure the execution of a successful conference experience this spring.

An update will be shared by March 31 regarding new dates for IOSC 2020. Anyone who has already registered for IOSC 2020 will receive an email with additional details by this date. Exhibitors and sponsors with submitted contracts for IOSC 2020 will also receive additional details by this date. info@iosc.org

UK: IMO POSTPONES FURTHER MEETINGS

March 18 - Taking into account the rapid increase of cases worldwide and the continuing difficulties for some delegates from IMO Member States travelling from abroad to attend IMO meetings, and the determination by the World Health Organization, on 11 March, that the outbreak is now pandemic, the decision has been taken to postpone IMO meetings until the end of May. As a result, the following meetings are now postponed:

the 44th session of the Facilitation Committee (FAL), scheduled to take place from 20 to 24 April;

the 102nd session of the Maritime Safety Committee (MSC), scheduled to take place from 13 to 22 May.

the 2nd meeting of the IMO Expert Group on Data Harmonization (IMO EG (EGDH)), scheduled to take place from 27 April to 1 May; 2 (27/04-01/05);

the Port symposium "A Holistic approach to standards for port operational data in maritime supply chains", scheduled to take place on 30 April.

These postponements are in addition to those already announced on 6 and 12 March, specifically the postponement of:

the 7th meeting of the Intersessional Working Group on Reduction of GHG Emissions from Ships, scheduled to take place from 23 to 27 March 2020;

the 33rd meeting of the E&T Group (IMSBC), scheduled to take place from 23 to 27 March 2020;

the 75th session of the Marine Environment Protection Committee (MEPC), scheduled to take place from 30 March to 3 April 2020.

the meeting of the Scientific Group of the London Convention and London Protocol scheduled to take place from 9 to 13 March 2020; and

the 107th session of the Legal Committee, scheduled to take place from 16 to 20 March 2020.

IMO Member States have been advised by circular letter and email, to diplomatic contact points.

The IMO Secretariat will continue to monitor all developments related to COVID-19 and will follow advice provided by the World Health Organization (WHO), the Government of the United Kingdom (as the host government) and actions taken by other UN agencies. It will advise as soon as possible on future developments. Rescheduling of the meetings listed above will be announced in good time for delegates to make appropriate arrangements. Updates about other future meetings will be provided as appropriate and as soon as possible.

For further information and guidance on coronavirus, please see:

<http://www.imo.org/en/MediaCentre/HotTopics/Pages/Coronavirus.aspx>

USA: CLEAN PACIFIC – FURTHER NEWS AWAITED

March 16 - CLEAN PACIFIC is watching the situation closely. With regard to our upcoming CLEAN PACIFIC event scheduled for June 9-11 at the Hyatt Regency Lake Washington in Renton, Washington, the health and well-being of attendees, exhibitors and speakers are our greatest priority. We have not yet taken the step of postponing or cancelling the conference, since this is such a fast-moving story and the show's summer timing gives us a little more opportunity to assess. As of this writing, information is still hard to come by on when infections are likely to peak in the United States or how far into the future the current suspensions on conferences, sporting events and other large gatherings in March and April should remain in effect. Whatever happens, we will keep you posted.

We recognize that many of you have been called to help with the decontamination of businesses and sites and work contingency plans for your organizations. You all are a vital role in the continuation of business and commerce in times of crisis, and we sincerely thank you for your efforts. It is times like these that we are truly honored to serve the community that we serve.

GREECE: POSIDONIA 2020

March 18 - The maritime trade event Posidonia 2020 has been postponed from June 1-5 to October 26-30, 2020 as a result of the coronavirus (COVID-19) pandemic. All related Posidonia sports events and conferences have similarly been postponed.

The action is being taken to safeguard the health and well-being of exhibitors and visitors while at the same time complying with WHO and Greek Government guidelines.

"Given the uncertainty currently surrounding our original dates, the international character of Posidonia and the pressure our exhibitors and visitors are under in actioning now their travel and logistical arrangements as well as the shipment of their exhibits, we concluded that we could not delay this decision any longer.

"We have taken this step in consultation with Posidonia's Supporting Organisations who have confirmed their agreement and support for the October dates. [The Maritime Executive / Read more](#)

Note from Editor – Sadly, the above event postponement announcements are unlikely to be the last. If any further cancellation announcements are received before this issue goes to press, they will be announced under "Stop Press" on the last page of the newsletter.

NEWS FROM ISCO MEMBERS

CORONAVIRUS: STATEMENT FROM OSRL

March 17 - Despite the ongoing COVID-19 Coronavirus outbreak, OSRL remains ready to respond. Our global footprint and deep knowledge of logistics puts us in a strong position to maintain our capability to support Member incidents.

Global Footprint of OSRL - OSRL has four mainsurface responsebases strategically located at different regions in the world, namely Southampton, UK; Singapore; Fort Lauderdale, USA; and Bahrain. Our trained responders are distributed across these four bases.

Similarly, our subsea response bases are globally distributed in Singapore, Brazil, Norway and South Africa. These bases each have a number of trained responders.

In the event of a response, we evaluate the specifics of the incident and will deploy responders from the most appropriate location taking into account a number of factors. This is unchanged from our normal process but given the current outbreak we are paying particular attention to the restrictions that may be applied based on nationality / countries visited by our team.

Our response equipment is also distributed across our four main bases and can be deployed from any one of them, again, based on the most appropriate response to a specific incident.

OSRL continues to undertake preparedness work within the current restrictions. We are looking at ways of working virtually and remotely.

All of the above allows us to make use of the inherent resilience provided by our global footprint.

Personnel Deployment - Due to the current COVID-19 outbreak, OSRL has now deferred all non-essential travel.

This has been implemented in order to reduce the exposure risk to our staff and clients in order to help preserve our ability to respond.

Spill response is considered a business critical activity and we have strengthened our travel risk assessment process to specifically incorporate COVID-19 considerations.

All travel risk assessment is conducted on a case-by-case basis. We monitor the emerging situation and adjust our risk matrix accordingly to ensure we have suitable precautionary measures in place to be able to respond to the highest-risk countries.

Equipment Mobilisation –

We are not currently seeing restrictions on the movement of equipment as a result of the COVID-19 outbreak, but we continue to actively monitor that situation.

There is, however, a reduction in general freight capacity due to the significant reduction in scheduled passenger flights which would normally carry “belly freight” consignments.

OSRL will maintain close contact with a network of 3rd Party Logistics Organisations and our Travel Management Specialist to ensure the safest, most efficient response can be achieved.

Ultimately, the most effective mobilisation method would be decided upon at the time of a mobilisation. Any defined plans can quickly change and therefore, keeping abreast of the latest information and working closely with trusted organisations will ensure OSRL remain agile to support our Members.

OSRL have requested information and operational updates globally from services providers that would work with OSRL to prepare, export and ship all equipment (Service Level Agreement (SLA) and Supplementary Services). These updates have been received from:

Base operators co-located with OSRL –

Customs agents, 3rd party logistics providers, Air charter agents, Crane providers, Road haulage companies

OSRL have identified primary, secondary and tertiary air and seaports that may be used in the event that changes in infrastructure capability is identified.

Dispersant Aircraft - OSRL's wide area, high volume dispersant aircraft are based in Malaysia and the UK.

These are supplied and crewed by separate partner organisations.

If Malaysia-based aircrew are unable to respond, we have options to bring in alternative crews from the USA.

In the UK there is a wide pool of aircrew who are well distributed geographically and so we have confidence that there will be sufficient crews to resource a response.

OSRL's Business Continuity Planning –

OSRL has implemented several measures in order to ensure our readiness to fulfil the Service Level Agreement to our Members. To list a few:

1. Split Team and Remote Working Arrangements - In the Singapore and Southampton bases we have implemented a split team arrangement where our workforces are distributed into two work populations.

The team distribution is based on response scenarios, to ensure we have an appropriate balance of personnel and technical competence in each team.

The rationale behind the split team arrangement is to ensure we can respond immediately with one full team, even if a member of the other team were to contract COVID-19 and the remaining members of that team were to be impacted by enforced leave of absence / quarantining measures.

Furthermore, all Singapore and Southampton personnel are working from home whenever possible whilst maintaining our ability to respond.

All other bases have adopted a work at home where practical arrangement to date. However, we are still performing equipment maintenance and have some office coverage on each site.

2. Contractor/ Supplier management

OSRL has worked with key contractors and suppliers including our aviation contractors, to ensure they have put in place similar precautionary measures so that they will still be able to support OSRL should there be a call out.

A similar work arrangement is applicable to our on-site contractors who have direct contact with OSRL personnel.

3. Active monitoring of current outbreak situation

Due to the rapidly evolving situation, our Crisis Management and Business Continuity Teams meet several times each week to monitor the latest development and amend our planning accordingly.

Conclusion - OSRL will still be able to deploy our resources to anywhere in the world, at any time, provided sufficient precautionary measures can be put in place to mitigate the risk involved.

As with any incident, however, we rely on the Mobilising Party in accordance with our contractual agreements to assist OSRL in gaining access for personnel, equipment and other resources to the incident location.

INTERTANKO Update

March 13 - INTERTANKO is aware of the difficulties Members are facing due to the outbreak of Covid-19 and a landing page has been created on our website where we are collating all internal and external advice and guidance in one place – <https://www.intertanko.com/coronavirus>.

In INTERTANKO-related business, you will also see that the spread of Covid-19 has meant the postponement of many of our meetings, not least the 50th Anniversary Tanker Event in Oslo (please note, if a hotel booking was made via our link (Thon Hotels) - please cancel the booking as this will not be done automatically).

Members are advised to keep an eye on the Weekly News and www.intertanko.com for regular updates, and to make sure that they are signed up for the bulletins via their 'My Profile' page.

Specific questions relating to Committee and Regional Panel meetings can be directed to the designated secretaries, who will have the most up-to-date information.

Your Secretariat is attempting to keep things running as smoothly as possible during this time and we point you to the 'contact us' section of our website, where you will see who is responsible for the various areas of expertise and global regions - <https://www.intertanko.com/about-us/contact-us>

CASCO CONSULTING GROUP – ADVICE RECEIVED

Since our last communication about COVID-19 outbreak, situation has become worst presenting more than 120,000 cases in more than 100 Countries worldwide. Recently the World Health Organization (WHO) finally declared the COVID-19 outbreak as a Pandemic status. Within this scenario CCG wants to cooperate with and provide hints to people in charge of managing this situation at different levels of an Organization.

For those with a Pandemic Plan in place and already invoked remember that during the response phase is better overestimate than underestimate and have clarity and focus. Always respond by objectives. For those without a Pandemic Plan in place the following hints will help you out managing the key issues around this situation.

1. People First

- Identify critical staff to business operations. Employees holding critical positions to maintaining business operations. Remote working, and other appropriate work arrangements avoiding rush hours commute, must be considered. A back-up staffing plan will be developed for all critical positions.
- Non-critical employees may be asked to work from home, work on a different schedule than normal, work at an alternate location, be asked to take on other duties as needed, and/or go home until further notice.
- Work from home readiness. Adequate staff access to required hardware & software to make sure a smoothly switch to work from home.
- Meetings are encouraged to be conducted by phone/video. In-person meetings and external conference participation could be canceled.
- Symptoms. If any staff has a cough and/or fever, or are sick with other symptoms, stay at home and seek medical attention. Grant permission before to return to work.
- Take everyday actions and prevent the spread of viruses. Emphasize your hygiene habits at work and at home, for yourself and for the people around you.

2. Office Space Management

- Assess office level of risk. Establish categories as Level 1 (business as usual), Level 2 (moderate risk, business continuity plans in place and invoked, offices are open; however, business hours are limited or flexible, and enhanced hygiene and access controls are in place) and Level 3 (too risky to keep open. Local government requires office closures, an employee is being tested for, or is confirmed to have contracted, COVID-19 or an office cannot maintain a sufficient level of sanitization).
- Cleaning space. Develop policies for worker protection and provide training to all cleaning staff. Training should include when to use PPE, what PPE is necessary, how to properly put on, use, and take off, and how to properly dispose of PPE. Also provide hand sanitizer and disposable surface wipes in all facilities and ensuring that surfaces and eating areas are disinfected regularly.
- Food service. Move away from shared serving utensils and bulk snacks or eliminate food service for a period. Communicate any changes.

3. Communication • Everything you do and everything you want your staff do must be Communicated. So, a communication plan is key to keep your employees communicated and updated.

NEWS FROM ISCO MEMBERS (CONTINUED)

- Ensuring consistent communication throughout business units and/or facilities. Defining a centralized communication team will facilitate consistency.
- Establish a SharePoint for approved communication material including periodic Leadership Team messages, WHO/CDC posters related to the outbreak, Government official communication, etc.

People, Office Space and Communication are key components of your Business Continuity Pandemic Response Plan. Analyze and assess each one and define your own strategic keeping in mind employees and its family safety and protection.

Author: [CCG Team](#) References: [CDC](#)

PENSTOCK SOLUTIONS - MESSAGE FROM DAVID COLE

In light of the current pandemic we have been thinking very carefully about how we can continue to deliver value to you.

We understand that Water Pollution Prevention Projects may not be priorities right now but there are aspects of the products and services that we provide that you may need, we will be communicating that to you in future emails.

We have invested a huge amount of time in the last 18 months developing a huge amount of content around water pollution prevention, that is available to you on our [Blog](#) and our [YouTube](#) channel. We are going to be working even harder with our online delivery to make sure that we are in a position to keep you fully informed of the latest regulations and technology. We will be running our webinar more regularly in the coming months and are speaking to potential guests about making this more of a podcast.

If there are people and topics that you would like us to cover please let us know. We are on a mission to make this a really interesting and useful endeavour. If you would like to be involved in these sessions or you would like to arrange an online CPD session for your team please do not hesitate to call 0330 223 4372 or email sales@penstocksolutions.co.uk.

We hope that you are as well as can be expected given these unprecedented circumstances. Penstock Solutions are here to support you - if there is anything that we could be doing for you please do not hesitate to call.

David Cole, Technical Director, Sandfield Penstock Solutions
dcole@penstocksolutions.co.uk www.penstocksolutions.co.uk 0330 223 4372

CONTRIBUTED ARTICLE

Note from your Editor – For some time I have been conscious that the content of the ISCO Newsletter tends to be very marine orientated despite the fact that many of our Members are more involved in provision of services, materials and equipment for Inland Spill Response. In preparing your newsletter, I find that marine-related content is much easier to source than inland / onshore matter and I would like to redress the balance. Contributions of news, articles, case histories, etc. from our inland spill response members would be very much appreciated.

In the meantime ... IPIECA and IOGP have kindly given me permission to re-publish their article on Inland Spill Response.

INLAND RESPONSE - GOOD PRACTICE GUIDELINES FOR INCIDENT MANAGEMENT AND EMERGENCY RESPONSE PERSONNEL

Part 3 of a serialised article contributed by IPIECA and IOGP



Preface

This publication is part of the IPIECA-IOGP Good Practice Guide Series which summarizes current views on good practice for a range of oil spill preparedness and response topics. The series aims to help align industry practices and activities, inform stakeholders, and serve as a communication tool to promote awareness and education.

The series updates and replaces the well-established IPIECA ‘Oil Spill Report Series’ published between 1990 and 2008. It covers topics that are broadly applicable both to exploration and production, as well as shipping and transportation activities. The revisions are being undertaken by the IOGP-IPIECA Oil Spill Response Joint

Industry Project (JIP). The JIP was established in 2011 to implement learning opportunities in respect of oil spill preparedness and response following the April 2010 well control incident in the Gulf of Mexico.

Inland aquatic environments (continued)

Sensitivity

Habitat sensitivity to oil takes into account several factors, including: the potential for natural removal processes; biological productivity and the ability to recover following oiling; socio-economic use of the habitat; and the ease of oil removal. These factors can be used to rank the overall sensitivity of habitats as part of an Environmental Sensitivity Index (ESI). Use of an ESI is common for marine habitats, and has been used for freshwater shores.

ESI scale - An ESI typically uses a scale from 1–10 to indicate increasing sensitivity. An example is provided in Table 1.

Ecologists differentiate between types of freshwater wetlands, which include marshes, swamps, bogs and fens

Table 1 *ESI scale*

To response personnel, these differences often have low relevance. Inland wetlands (ESI 10A and 10B) consist of marshes, bogs, fens and swamps. In any of these habitats, the water can be stagnant, oxygen levels can be low, and nutrient levels can be high. Low oxygen levels, uncommon in marine wetlands because of tidal water exchange, can make it much more difficult for spilled oil to degrade aerobically. The soft sediment that comprises these wetlands brings specific challenges to response techniques, as there is heightened risk of clean-up activities exacerbating damage.

Socio-economic effects

Drinking water and industrial water abstraction

A major concern for inland spills is the potential for contamination of drinking water supplies and industrial water abstraction sources. The three main routes for exposure are:

- oil spilled directly into surface waters that serve as water supplies and sources;
- oil-contaminated run-off from roadways, which flows to wetlands or spills directly to wetlands that serve as recharge areas for groundwater supplies; and
- spilled oil that penetrates soils and migrates down to groundwater.

ESI	Shore type
1A	Exposed rocky cliffs
1B	Exposed solid walls
2	Shelving bedrock shores
3	Eroding scarps in unconsolidated sediments
4	Sand beaches
5	Mixed sand and gravel beaches
6A	Gravel beaches
6B	Riprap structures
7	Exposed tidal flats
8A	Sheltered rocky shores
8B	Sheltered, solid, man-made structures
9A	Sheltered vegetated low banks/bluffs
9B	Sheltered sand/mud flats
10A	Freshwater marshes (herbaceous vegetation)
10B	Freshwater swamps (woody vegetation)

Municipal drinking water intakes, cooling water intakes for industrial power plants and other industrial or agricultural water abstraction points can utilize surface water. Protecting these water intakes is often a major objective of inland spill response.

A major water intake protection effort occurred in January 1988 when a storage tank containing about 3.9 million US gallons (14,800 m³) of diesel oil collapsed in Pennsylvania, USA. About 750,000 gallons of spilled fuel reached the Monongahela River approximately 25 miles upstream of Pittsburgh. The oil mixed into the water column as it passed over dams, and the cold temperatures and significant ice cover limited the amount of evaporation. As the oil travelled 200 river miles along the Monongahela and Ohio Rivers, drinking water intakes were closed (some for a week), and both large and small communities found alternative water sources until the oil concentrations in the river decreased to safe levels. A robust effort to track the oil movement, coupled with an outreach programme to alert communities to the threat of contamination, contributed to the ability to protect communities.

Contributed article (continued)

Traffic disruption

Many inland spills are relatively small and occur on or adjacent to roads or railways. In recognition of the priority placed on open roadways, the response to a truck rollover is usually to quickly establish safe conditions, clear the roadway, and reopen it to traffic. Many local fire departments are experienced in responding to truck rollovers or train derailments that spill fuel and/or refined products or, more rarely, crude oil. If gasoline is spilled, fire departments may first apply firefighting foam to suppress volatile hydrocarbon vapours and limit the potential for a fire.



Left: an overturned road tanker causing disruption to a highway.

The urgency to reopen roadways often results in flushing the spilled oil and any foam to the side of the road or into a storm drain as part of clearing the roadway. Firefighting foam contains a surfactant that can disperse the oil into water. If this mixture of oil and foam flows to a stream or river, it could unintentionally cause pollution itself and spread oil over a larger area. If possible, responders should limit run-off or recover these liquids to avoid the possibility of further contamination.

Traffic disruption is also a common consequence of transporting responders, support personnel and equipment to a spill location. Road access may be restricted to facilitate responder access, secure a site, provide temporary storage and establish staging areas.

Relocation of the community

When an oil spill occurs on water near a residential neighbourhood, residents and others in the vicinity could be relocated for health and safety reasons, e.g. the potential impact on water supplies. Caring for these community members' immediate needs for food, water and shelter can be a significant response effort. Property that is oiled can be difficult and time consuming to clean.

Local health departments can be engaged by response teams to help identify acceptable levels of hydrocarbon vapours in residential dwellings or commercial/industrial facilities, and to determine when they can be re-opened.

Disclaimer; While every effort has been made to ensure the accuracy of the information contained in this publication, neither IPIECA, IOGP nor any of their members past, present or future warrants its accuracy or will, regardless of its or their negligence, assume liability for any foreseeable or unforeseeable use made of this publication. Consequently, such use is at the recipient's own risk on the basis that any use by the recipient constitutes agreement to the terms of this disclaimer. The information contained in this publication does not purport to constitute professional advice from the various content contributors and neither IPIECA, IOGP nor their members accept any responsibility whatsoever for the consequences of the use or misuse of such documentation. This document may provide guidance supplemental to the requirements of local legislation. However, nothing herein is intended to replace, amend, supersede or otherwise depart from such requirements. In the event of any conflict or contradiction between the provisions of this document and local legislation, applicable laws shall prevail.



To be continued next week

UPCOMING EVENTS

Event organisers are requested to notify ISCO immediately if a listed event is cancelled or postponed

Your Editor is doing his best to keep this listing up-to-date but it should not be assumed that listed events have not been cancelled or postponed.

It is recommended that you check with event organisers before finalising your attendance plans.

COUNTRY	2019	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
COUNTRY	2020	TITLE OF EVENT	LOCATION
USA	March 24-25	SCAA Annual Meeting & Conference	Arlington, VA
TOGO	March 25-27	Workshop on oil spill liability and compensation	Lome
UK	POSTPONED	IMO Marine Environment Protection Committee	London
TUNISIA	April 1-2	Regional Workshop on Oil Spill Waste Management	Tunis

UPCOMING EVENTS (CONTINUED)

USA	POSTPONED	Clean Waterways Conference	Indianapolis, IN
USA	April 20-24	Interstate Technology & Regulatory Council	Minneapolis, MN
GHANA	April 27-30	Workshop on the ratification and effective implementation of IMO conventions relating to oil pollution and liability and compensation	Accra
CROATIA	April 28	National workshop on liability and compensation	Rjeka
USA	April 28 – May 1	Oil Spill Response Strategies & Tactics Training	Leonardo, NJ
USA	May 10	APICOM GM Meeting	New Orleans, LA
USA	POSTPONED	International Oil Spill Conference & Exhibition	New Orleans, LA
UK	May 13-14	HAZMAT 2020 Conference	Stratford on Avon
IRELAND	May 14-15	European Maritime Day Forum Event	Cork
CANADA	June 2-4	43rd AMOP Technical Seminar on Environmental Contamination and Response.	Edmonton, Alberta
USA	June 2-4	Elastec's Spring 2020 River Workshop	Carni, IL
USA	June 8 -	Science of Oil Spills Class	New London, CT
UK	June 8-12	2020 IOPC Funds' Short Course	London
NORWAY	POSTPONED	INTERTANKO Annual Tanker Event	Oslo
USA	June 9-11	Clean Pacific Conference & Exhibition	Seattle, WA
USA	June 22 -	Science of Oil Spills Class	Seattle, WA
NETHERLANDS	June 24-25	European Environmental Ports Conference 2020	Rotterdam
SAO TOME & PRINCIPE	August 3-7	National workshop on the National Oil Spill Contingency Plan	Sao Tomé
ESTONIA	August 25-27	BALEX DELTA 2020 pollution response exercise	Talinn
USA	Sept. 8-11	HazMat Emergency Response Workshop	Scramento, CA
AUSTRALIA	Sept. 15-17	Ecoforum Conference & Exhibition	Darwin
INDIA	Sept. 22-24	Oil Spill India Conference & Exhibition	Mumbai

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS

Alga Cronicle	News from Australia on Contaminated Land Remediation	December 2019
AMSA Update	Latest news from the Australian Maritime Safety Authority	February 2020
ATRAC Newsletter	News from the Adriatic Training and Research Centre	December 2019
AUSMEPA Bulletin	News from the Australian Marine Environment Protection Assoc'n	Summer 2020
BIMCO Bulletin	Marine and shipping-related news from BIMCO	December 2019
Newsletter from George Holliday	News and commentary on HSE issues from George Holliday	On request email
Cedre Newsletter	News from Cedre in Brittany, France	February 2020
Clean Nigeria Associates Newsletter	News from CNA about Oil Spill Response in Nigeria	December 2018
EMSA Newsletter	News from the European Maritime Safety Agency	Current issue
GEF Newsletter	Monthly Newsletter from the Global Environment Facility	December 2019
GESAMP	Group of Experts on the Scientific Aspects of Marine Environmental Protection	Latest news
GISEA Quarterly Newsletter	News from Global Initiative for South-East Asia	Q4 2019
IMO News Magazine	News from the International Maritime Organization	Winter 2019
IMO Publishing Newsletter	New and forthcoming IMO publications	February 2020
ITOPF Ocean Orbit	News from the International Tanker Owners Pollution Federation	October 2019
JOIFF "The Catalyst"	Int'l Organisation for Industrial Hazard Management	Q1 2020 issue
Maritime Executive Magazine	Often contains articles of interest to the spill response community	Jan.-Feb. 2019
MOIG Newsletter	News from the Mediterranean Oil Industry Group	January 2020
Nautical Institute News	News from the Nautical Institute	Jan.-Feb. 2020
Navigate Response	Global crisis communications network for shipping & marine	October 2019
NOAA OR&R	Weekly round-up of news from NOAA's Office of Response & Restoration	Latest issue
Oceanbuzz	Newsletter giving news on the Ocean Technology Industry	Current issue
OCIMF Newsletter	News from the Oil Companies International Marine Forum	February 2020
OHMSETT Gazette	Oil Spill Response Research & Renewable Energy Test Facility Quarterly	Summer 2019
OSPAR Newsletter	Protecting & Conserving the N.E. Atlantic and its resources	End of year 2019
PEMSEA Newsletter	Healthy oceans, people and economies in the East Asian Seas	September, 2019
Pollution Online Newsletter	News for pollution prevention & control professionals	Current issue
Safe Seas, Clean Seas	Quarterly Newsletter from Maritime New Zealand	July 2018 issue
Salvage World	Quarterly Newsletter of the International Salvage Union	Current issue
Sea Alarm Foundation Newsletter	Oiled wildlife Preparedness and Response news from Sea Alarm	Current issue

LINKS FOR DOWNLOADING & READING OTHER PUBLICATIONS (CONTINUED)

[Technology Innovation News Survey](#)

News from US EPA – Contaminated Site Decontamination

Jan. 16-31, 2020

[USA EPA Tech Direct](#)

Remediation of contaminated soil and groundwater

March 1, 2020

[WestMOPoCo](#)

Western Mediterranean Region Marine Oil & HNS Pollution Cooperation

January 2020

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

INCIDENT REPORTS (IN CHRONOLOGICAL ORDER)

Content will be in the next issue

TEN GOOD REASONS WHY YOU SHOULD BE A MEMBER OF ISCO

Even when budgets are tight, you can fully justify the cost of ISCO membership

- Be recognised as a member of a worldwide community of professionals who share a common interest.
- Corporate Members enjoy Free Listing in ISCO's International Directory of Spill Response Contractors, Equipment Suppliers, Training Providers, and Consultancy Services – your advertising banners displayed with one click access to your website. It's a great search facility for potential customers.
- Corporate Members receive requests for emergency provision of resources for spill response support. The Emergency Assistance facility is there for government agencies, oil companies and response organizations - not only for rapid sourcing of additional resources in very large spill events, it can be used to help find specialised equipment not often available in response inventories, people with specialised experience and know-how, etc. Contractors can use the facility to supplement their own internally available resources.
- Benefit from ISCO initiatives that are of practical value to Members – for example, the free and widely used RESPONSECON contracts that you can use - speeding up contractual arrangements for mobilisation of spill response resources, with positive implications for protecting your cash flow.
- Free publicity – Announce your new products and services developments in the weekly ISCO Newsletter – reaching out to a highly targeted customer audience in over 60 countries.
- Benefit from negotiated discounts in attending conferences and exhibitions – the savings can significantly offset the cost of maintaining your membership.
- To enhance response knowledge of your staff - Freely downloadable technical articles, response guidelines and loads of other useful reference information available in the Members' Area of the ISCO website.
- Your membership helps ensure continued publication of the ISCO Newsletter, keeping you up-to-date on events, developing technologies, new legislation and other matters of mutual interest. This will save many hours a week of scanning, browsing and searching for all the news that matters and puts it in your inbox every week.
- Through ISCO, Members have a voice in the drafting of new legislation that will affect their areas of interest. We introduce new initiatives at IMO and give our support to other delegates advancing developments that will be of benefit for improvement of response effectiveness. ISCO provides an interface with National and International Government Agencies, Industry, the Scientific Community, R&D Establishments and Academia, actively supporting new developments that will be of benefit to our Members.
- Members have the right to display the ISCO logo on their headed notepaper, brochures, business cards, etc. to denote that they are part of an international organisation dedicated to improving worldwide co-operation and preparedness.

For more information visit www.spillcontrol.org

Apply for Membership of ISCO at <http://www.spillcontrol.org/2013-02-05-10-50-47/membership-application>

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