

ISUE 789 | 31 MAY 2021

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THE NEWSLETTER OF THE INTERNATIONAL SPILL RESPONSE COMMUNITY

info@spillcontrol.org | www.spillcontrol.org

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

ISCO COMMITTEE & COUNCIL ISCO is managed by an EXECUTIVE

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Mr Neil Marson, Secretary General	(UK)
• Mr John McMurtrie, VP and Editor	(UK)
Mc Many Ann Dalgloich VP M'chin	(115A)

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• M. Jean Claude Sainlos	(France)
• Mr Kerem Kemerli	(Turkey)
• Mr Marc Shaye	(USA)
• Mr Dan Sheehan	(USA)
Captain Bill Boyle	(UK)
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INTERNATIONAL NEWS

CLICK ON THE BANNERS BELOW FOR MORE INFORMATION



CHANGE AT HELM OF ISAA AND ISAS

Here at ISCO we are sad to have to report that John Dawes, the co-founder of the International Spill Accreditation Association (ISAA) is in poor health and has resigned with immediate effect. John has resigned his position as Scheme Manager and Executive Director of the International Spill Accreditation Scheme (ISAS), the body established between ISAA and the UK Spill Association.

In order to maintain continuity of operations Stewart Ower, the Chairman of ISAS has made an approach to Neil Marson, Secretary General of ISCO, and has asked him to help out by taking on John Dawes' work with ISAS.

ISCO has a longstanding co-operative association with ISAA and Neil Marson has graciously accepted Stewart's request. ISAS has issued the following press release –

"The International Spill Accreditation Scheme (ISAS) would like to announce the appointment of Neil Marson as ISAS Scheme Manager and Executive Director. Neil brings more than 30 years experience working within the Oil Spill Response and Emergency Crisis Management industry at national and international levels. During his time with Briggs Environmental Services, Neil played a key role in the development and delivery of their worldwide oil spill response programme.

This appointment has been made following the recent resignation of John Dawes who has very sadly had to stand down due to ill health. The ISAS Board would like to thank John for all his dedicated service and contribution to the management and development of the ISAS Accreditation Scheme.

Neil will take up his position on 1st June 2021 and we look forward to working with him to ensure the successful delivery and development of the ISAS Accreditation Scheme. Neil joins ISAS at an exciting time when we are about to launch our



revised and updated accreditation scheme to members and publish our new website which will become an important shop window for all of our accredited organisations.

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For information contact Mike Watson at spillcontrol@mwadigital.com

INTERNATIONAL NEWS (CONTINUED)

Neil will be supported by Captain Bill Boyle, Member of ISCO Executive Committee and Senior Marine Assessor for ISAS, and we will be looking to make an additional scheme assessor appointment in the near future".

Stewart Ower, Chairman, International Spill Accreditation Scheme

Comment from Neil Marson, Secretary General of ISCO – "ISCO and ISAS have a close partnering arrangement, which this latest appointment will help to build upon and promote, for the benefit of the wider membership which we serve, and in doing so will see the recognition through accreditation of the high standards to which member organisations from both ISCO and ISAS operate".

Neil Marson JP. MRIN. MNI. F.Inst PA, FISCO, Secretary General, International Spill Control Organisation

MORE INTERNATIONAL NEWS IN BRIEF

SOUTH-EAST ASIAN SEAS PROJECT EXTENDED

May 18 - The Marine Environment Protection of the South-East Asian Seas (MEPSEAS) project has been extended, by one year, to 2022. Run by IMO and funded by the Norwegian Agency for Development Cooperation (Norad), the MEPSEAS project assists participating developing countries to address high-priority marine environment issues related to ships and shipping, in particular through implementing IMO's key international environmental conventions. IMO / <u>Read more</u>

10 YEARS TO RESTORE OUR PLANET.

May 19 - World Environment Day, which falls on 5 June, marks the official launch of the UN Decade on Ecosystem Restoration, a global push to revive natural spaces lost to development. In the lead-up to the Decade's launch, UNEP is looking back on some of our most popular restoration-related stories, including this piece originally published in September 2020.

2021: A BIG YEAR FOR BIODIVERSITY

May 24 - With the postponed COP Convention for Biological Diversity Conference of Parties 15 taking place and the UN Decade on Ecosystem Restoration starting this year, 2021 will be a big year for biodiversity. IPIECA-IOGP Biodiversity and Ecosystem Services Working Group Officers Mark Johnston (bp), David Palandro (ExxonMobil) and Steven Dickinson (Total) explain how its members are supporting global conservation goals. IPIECA / <u>Read more</u>

EUROWA EXPERTS PRESENT AT BALTIC OILED WILDLIFE RESPONSE WEBINAR

May 25 - On March 31st, Sascha Regmann, Vanessa Ryan and Agni Kaldma, representatives of the EUROWA Network, presented at a Baltic webinar 'Oiled Wildlife Response – Methods and Opportunities'. The webinar was organised by the OIL SPILL Project, which is funded by the EU's Interreg Baltic Sea Region Programme with the aim of enhancing oil spill response capability in the Baltic Sea Region. It was attended by 30 participants from Baltic countries, who learned about best practice and recent developments in oiled wildlife preparedness courtesy of EUROWA's strong presence in the Baltic Region. EUROWA / <u>Read more</u>

WRCO TRAINS BASIC OILED WILDLIFE RESPONDERS

May 26 - Twelve volunteers from five European countries received their EUROWA BASIC Oiled wildlife response qualification recently when they successfully completed the course at the Wildlife Rescue Centre Ostend (WRCO) in Belgium. The course, delivered by qualified EUROWA trainers Isabelle Allemeersch and Laure de Smet, both WRCO staff, took place on 12th May. The EUROWA BASIC course is aimed at people with no previous experience in oiled wildlife response, to provide basic first-aid to oil affected wildlife until expert responders arrive. EUROWA / <u>Read more</u>

CANADA AND ONTARIO MARK 50TH ANNIVERSARY OF GREAT LAKES AGREEMENT BY SIGNING NINTH AGREEMENT

May 27 - The Great Lakes are a treasured resource that are integral to the health and well-being of millions of Canadians. Canada and

MORE INTERNATIONAL NEWS IN BRIEF

Ontario are committed to strong, ongoing collaboration with their partners to protect and restore the Great Lakes. Today, the Governments of Canada and Ontario announced that they have signed the new Canada-Ontario Agreement on Great Lakes Water Quality and Ecosystem Health, which sets out specific actions each government will take to protect and restore the Great Lakes, such as preventing toxic and nuisance algae, improving wastewater and stormwater management, reducing plastic pollution and excess road salt, restoring native species and habitats, and increasing resilience to climate change. Government of Canada / <u>Read more</u>

NEWS REPORTS FROM AROUND THE WORLD

No news from your part of the world? You can correct this by sending in news reports that will be of interest to the spill response community in your own country and the wider world. Send your news to your editor - <u>john.mcmurtrie@spillcontrol.org</u>

COSTA RICA TO BECOME THE 120TH MEMBER STATE OF THE 1992 FUND

May 27 - The Director is delighted to confirm that Costa Rica is set to become the 120th Member State of the 1992 Fund after it deposited instruments of accession to the 1992 Civil Liability and Fund Conventions on 19 May 2021. The IOPC Funds Secretariat has regularly engaged with Costa Rica to encourage it to join the 1992 Fund over the years, most recently at a national workshop organised by the International Maritime Organization (IMO) and the Central American Commission on Maritime Transport (COCATRAM), in 2019. IOPC Funds / Read more

EGYPT: RESPONDING TO OIL POLLUTION IN MARINE ENVIRONMENT



May 27 - In a collaboration between the Regional organization for the conservation of marine environment in the Red Sea and Gulf of Aden (PERSGA) and the UN Environment Programme's West Asia Office, and in coordination with EEAA a training workshop on "Oil Spill Preparedness, Response and shoreline cleanup" was jointly organized.

This in-person event took place in the premises of the Emergency Mutual Aid Center (EMARSGA) in Hurghada – Arab Republic of Egypt during the period 24 -27 May 2021.

This training workshop comes within the framework of PERSGA efforts to build the capacities of its member states in areas related to pollution incidents involving oil and HNS and their adverse impacts on both marine and coastal habitats, and human health.

The workshop program which entails classroom and field sessions are being delivered by trainers from from the Arab Academy for Sciences Technologies and Maritime Transport (AASTMT) of Alexandria-Egypt, the Petrosafe Company and facilitated by two experts from PERSGA, supported by full coordination from Egyptian Environmental Affairs Agency EEAA. PERSGA / <u>Read more</u>

NORWAY: STRATEGIC PLANNING FOR THE FUTURE

May 25 - The members of NOSCA Clean Oceans have great ambitions, and have expanded their oil spill response competencies to include ocean plastic and other marine pollution, harmful algae and marine threats. This unlocks new, exciting opportunities through which to transfer their technology and expertise to important areas of the environmental sector and Norwegian business and industry.

We have operated as an Arena cluster for one year, and have from the start had a more mature member base compared with a cluster built from scratch. We have already collaborated for almost 30 years in the sale and marketing of Norwegian oil recovery equipment across the world, and we realise that the activities and ambitions of our members are developing at a faster pace than what the cluster in its current format has the capacity to handle. We are in the process of finalising an in-depth strategy review where we look further ahead, and have also identified a great potential for more ambitious targets going forward, says Cluster Manager Eirik Langeland. NOSCA / Read more

PAKISTAN RAMPS UP PROTECTED AREAS

May 28 - From the Himalayas in the north to the deserts of Balochistan in the west, to the mangroves of Sindh in the south, Pakistan's natural diversity is spellbinding, but it is also under threat.

NEWS REPORTS FROM AROUND THE WORLD (CONTINUED)

In 2018, only 12 per cent of the country was classed as an environmentally protected area. According to **Bloomberg**, it was one of the six countries in the world most at risk from climate change. The country had one of the lowest forest covers in the region, with only 5 per cent cover. This was compared to a global average of 31 per cent. This put the country at increased risk from environmental dangers such as flooding, melting glaciers and droughts.

However, change is underway. In 2020, Pakistan's government launched the 'Protected Area Initiative' which aims to increase protected areas such as national parks, wetlands and wildlife reserves to 15 per cent of the country's total area by 2023. In the last two years, protected area coverage has already increased to 13.9 per cent and further progress looks assured. UNEP / Read more

SOUTH AFRICA: PENGUINS CAN'T GET ENOUGH TO EAT

May 23 - When one of South Africa's worst environmental disasters unfolded 21 years ago, Lauren Waller made her way to the Salt River warehouse in Cape Town, donned rubber gloves and volunteered to help rehabilitate 19 000 oil-soaked African penguins.

It was June 2000 and the *MV Treasure*, a bulk iron ore carrier, had sunk between two key breeding islands for African penguins, Robben Island in Table Bay and Dassen Island near Cape Town, spilling 400 tonnes of bunker oil into the sea.

Now there is a new alarm bell ringing. Endangered African penguins are being pushed to the brink of extinction by food scarcity, oil spills, extreme weather, predation, sub-optimal breeding habitats and disease, according to scientists and various organisations. The charismatic seabirds, which are slow to breed and long-lived, are "gasping for air", says Waller, the Leiden conservation fellow for the Southern African Foundation for the Conservation of Coastal Birds (Sanccob). "There're less birds in the wild today than were affected by the *Treasure*." Around 40 000 were affected by the oil spill. Conservation Action / <u>Read more</u>

TURKEY FACING 'SEA SNOT' INVASION ON POPULAR SHORELINES



Photo: A section of Istanbul waterfront showing sea snot infestation, which has exacerbated over the last six months. (Getty Images)

May 26 - Some of Turkey's most popular shorelines have been struck by a mucus-like substance known as "sea snot," which scientists have warned is spreading due to climate change. Turkey's sea snot has grown in size over the last six months and could pose a problem to fish and eventually humans, scientists have said.

Its origins lie in phytoplankton that can grow out of control when nutrients such as nitrogen and phosphorus permeate throughout seawater. The reaction occurs most commonly when nutrient-rich untreated sewage flows into the sea."The increase in the number of elements such as nitrogen and phosphorus in the sea is largely related

to domestic waste such as sewage," said Mustafa Sari, maritime faculty dean of Bandirma Onyedi Eylul University. Arab News / Read more

USA: LATEST NEWS REPORTS FROM NOAA OR&R

Please click on the links below to download and read the latest news from NOAA OR&R

OR&R Participates in Virtual U.S.-Brazil Workshop on Oil Spill Response and Restoration

During the week of May 23, 2021, OR&R scientists participated in 3 half-day meetings with the Brazilian Ministry of Science, Technology, and Innovation (MCTI), NOAA Oceanic and Atmospheric Research (OAR), National Environmental Satellite, Data, and Information Service (NESDIS), and the broader academic community in the U.S. and Brazil, on shared oil spill response and restoration goals.

Next "You Don't Know What You Don't Know" Lecture: Aerial Imagery aboard NOAA Aircrafts

When disaster hits response teams are activated and begin working on a ground level. The teams use photos to prepare for the next day's activities. Having an aerial perspective helps identify areas hardest hit, locations of possible danger, and even to identify civilians stranded that need help.

Please join us on June 17 at 3 pm EST to hear LCDR Scott Broo with National Geodetic Survey as he dives into aerial imagery aboard the NOAA Aircrafts and the important work they do post storm to help get the response and restoration work started. https://noaaorr.adobeconnect.com/orrlectureseries/(link is external) Next episode: Thursday June 17 at 3 pm EST

NOAA Works to Improve Readiness Posture in National Level Exercise

Each year, the Federal Emergency Management Agency (FEMA) leads a nation-wide exercise designed to evaluate progress toward achieving an overall emergency preparedness culture.

NEWS REPORTS FROM AROUND THE WORLD (CONTINUED)

Draft Restoration Plan for Gretna/DM 932 Oil Spill in Mississippi River out for Public Comment

On May 20, 2021 NOAA and our partners released a D<u>raft Restoration and Environmental Assessment plan</u> for the Gretna/DM 932 Mississippi River oil spill. The plan proposes projects to restore habitats impacted by the oil spill on the Mississippi River near downtown New Orleans.

Marine Debris Program Co-hosts California Ocean Litter Prevention Strategy Update Webinar

On May 11, the NOAA Marine Debris Program (MDP), along with the California Ocean Protection Council, co-hosted a California Ocean Litter Prevention Strategy update webinar.

Marine Debris Program Releases the 2021 Mid-Atlantic Marine Debris Action Plan

On May 20, the Marine Debris Program (MDP) released the 2021 Mid-Atlantic Marine Debris Action Plan. This document is the result of a productive and collaborative effort between the MDP and partners from local, state, and federal governments, nonprofits, industry, and academic institutions.

Storm Surge Lecture Held on May 20

This month's "You Don't Know What You Don't Know" lecture featured Mr. Jamie Rhome, team lead at NOAA's National Hurricane Center in Miami, Florida, where he serves as a subject matter expert on storm surge and coastal inundation for the National Weather Service's hurricane program.

Solicitation of Nominations for Marine Debris Foundation Board of Directors

NOAA Marine Debris Program is pleased to announce a solicitation of nominations for the Marine Debris Foundation Board of Directors. The Save Our Seas 2.0 Act of 2020 established the Marine Debris Foundation (Foundation) as a charitable and nonprofit organization to support the efforts of NOAA and other entities to address marine debris and directed the Under Secretary of Commerce for Oceans and Atmosphere to appoint the Foundation's governing Board of Directors (Board).

PEOPLE IN THE NEWS

USA: FLORIDA - STATE TOP ENVIRONMENTAL OFFICER RESIGNS



May 28 - Florida Department of Environmental Protection Secretary Noah Valenstein is exiting next week after running the agency for four years under two governors.

Shawn Hamilton, currently the state agency's deputy secretary for land and recreation, will become Florida's interim environmental secretary on June 4, the department confirmed on Thursday. Hamilton has been with the Department of Environmental Protection since 2007, starting as a public affairs manager in the agency's Northwest District Office and moving to assistant district director in 2010 and district director in 2011. Hamilton was promoted to the deputy director position last year. My Sunset Coast / <u>Read more</u>

ISCO NEWS

ADVERTISING IN THE ISCO NEWSLETTER AND ON THE WEBSITE

As you know we have been actively seeking new ideas to promote ISCO and to develop a secure income stream, which would enable ISCO to progress the development of services for its membership and our wider community.

The potential for generating advertising revenue is recognised and, after much discussion, approval has been given for ISCO go ahead with this. Secretariat Member, Mike Watson is in charge of this initiative and has prepared information and a media pack that will be sent to all corporate members later this week.

ISCO'S MAY 2021 ZOOM MEETING

A well-attended and interesting meeting took place last thursday. Discussions topics included the IOSC conference; student membership and Nicky Cariglia discussed her Environmental Social Governance paper.

For readers who are not familiar with this, it was featured in the ISCO Newsletter Issue 783 (19th April 2021). Her paper, titled "Should the Oil Spill Response Community consider standardising and formalising Environmental, Social and Governance (ESG) considerations into their business and operating models" is available for you to download and read at - <u>https://marittima.co.uk/articles/formally-incorporate-esg-standards-response-maritime-emergencies</u>

Thoughts and opinions from the ISCO network on this topic are welcomed.

Please get in touch at <u>nc@marittima.co.uk</u> to discuss further.

Mary Ann has circulated the minutes of the Zoom meeting to all members of the ISCO Working Group.

A LETTER FROM WU YUE, ISCO AMBASSADOR FOR CHINA





Office of the China Ambassador ↔ Rm2103 Ruitle International Building A_Beijing↔ Tel: 010-84466568 Emial: wuyue@osrtec.com↔ ID: ISCOCHINA20210525001↔ 25th May 2021↔

To whom it may concern

Qingdao HANGSHUN Shipping Co., Ltd.↔

Re: 青岛航顺船务有限公司↔

在此谨代表国际溢油控制组织,感谢青岛航顺船务有限公司,在刘斌 先生带领的团队努力下,对 2021 年 4 月青岛海域利比里亚籍油轮 "A Symphony" 轮和巴拿马籍散货船"Sea Justice", 轮碰撞溢油事故进 行了应急回收工作,为我们的海洋清洁和环保作出了杰出的贡献。 特此见证! ↔

On behalf of the International Spill Control Organization, I would like to thank Qingdao Hangshun Shipping Co., Ltd., and with the efforts of the team led by Mr. Liu Bin, response and recovery the spill oil for the collision accident "A <u>Symphony</u>", and "Sea Justice " in Qingdao sea area in April 2021. Made an outstanding contribution to our ocean cleanliness and environmental protection. Witness here!

Ambassador of China ISCO↔

OSRL: COVID-19 UPDATE (28TH MAY 2021)

Logistics update - COVID-19 and other international events continue to have a strong impact on the international freight market, affecting the movement of goods by both air and sea. OSRL continue to work with partners and conduct exercises to gain market insights, including monitoring the availability of aircraft. Whilst the availability of AN-124 aircraft remains positive, access to other freighter charter options remains limited at this time.

The Global Logistics Team are responding to increases in Equipment Hire Packages being requested by our members and conducting shipments of goods around the world. Shipments into Europe, Africa and the Middle East from the UK allow us to continually test shipping requirements following Brexit.

In addition to the movement of equipment, our travel specialists continue to support business activity by ensuring our personnel can travel safely to deliver services to our members. Despite the ever-changing requirements in testing, visa requirements and flight availability, OSRL has continued to deliver face to face capability to our members for training and rotational work. A range of exercises conducted continues to ensure we can safely mobilise personnel at short notice in the event of a response.

If you would like more information – you can meet the <u>Global Logistics Team here</u> or read our latest update here.

Exercise deployment in Singapore - OSRL's Singapore Response team partnered with one of our members to conduct an integrated Tier 1 & Tier 2 deployment exercise on the 5th and 6th of May. The exercise safely and successfully tested communication lines and logistics interfaces, developed a response strategy, validated deployment plans and applied COVID19 Safe Management Measures by both our Member and OSRL.

A tabletop exercise allowed a real scenario to determine the appropriate response techniques and tactics, which were then executed jointly in a practical exercise, including deploying surface dispersant application, offshore containment and recovery and waste management resources.

NEWS FROM ISCO MEMBERS (CONTINUED)

Following the deployment, the Members Exercise Controller said:

"I would like to thank OSRL for partnering with us for the joint oil spill exercise. The 2 days of deployment exercise serves as validation of the deployment plan that we can always utilize for any spill response that are required in this very busy and sensitive area. I would also like to acknowledge and express my gratitude to the very professional team from OSRL from planning to execution."

The safe and successful completion of the exercise is an example of the oil spill preparedness value realised through effective integration and collaboration between OSRL and our Members.

Base alert status updates - This month we have updated the following country plans; Bahrain, Brazil, Kuwait and Trinidad and Tobago. You can view all our country plans <u>here</u>.

Aviation Update C-130 Hercules - The Lockheed C-130 Hercules aircraft chartered by OSRL to provide regional wide area aerial dispersant application undergoes regular scheduled maintenance in accordance with regulatory requirements.

The current OSRL Lockheed C130 aircraft (N121TG) based in Senai is now due its C-Check maintenance. The aircraft has therefore been changed out and replaced with an identical Lockheed C-130 with registration number N117TG.

Therefore, from now on the Lockheed C-130 registration N117TG will be OSRL's primary aircraft based in Senai, Malaysia providing wide aerial dispersant application service for our members in Asia-Pacific. <u>Read more here.</u>

The Global Logistics Team Successfully Test New Brexit Procedures - An update from the Global Logistics Lead, Ho Yei Ling on the Global Logistics team and a successful test of the new Brexit procedures.

We also hear from the Travel Team on how they were focussing on new processes and procedures to keep our travellers safe during the global pandemic. <u>Read more here.</u>

10 Simple Things You Can Do to Improve Your Oil Spill Preparedness

Lucy Short, Principal Consultant talks about whether the priority of oil spill preparedness within oil companies may have waned during the pandemic. Lucy provides a list as a guide to help organisations put in place some prevention barriers and readiness actions.

The ultimate aim of the list is to help you and your organisation improve your preparedness. Read more here.

Latest Insights article - In this insights article Nick Dyer talks about pipelines and if the drive to decarbonise will bring new fuel types and a different set of challenges for pipeline engineers in the coming years, but the phased transition to greener energy means oil and gas infrastructure will remain vital across the short to medium-term. But, what will the long-term future look like? Against a backdrop of growing public scrutiny of the environmental impact and viability of new projects, we have to ask: Is this the end of the line for pipelines? <u>Read more here</u>.

In April 2010, when an explosion on the Deepwater Horizon platform triggered the world's largest accidental oil spill, all eyes turned to the Gulf of Mexico and the unfolding tragedy. In his quickly appointed role as National Incident Commander (NIC), United States Coast Guard Admiral Thad Allen was faced with an extraordinary task: deliver the US Government's response to this unprecedented and developing crisis.

In our latest insights article, Dean Wasche and Andrew Couch explore the science behind leadership development and the mindset and skillset that Allen and others require in such complex scenarios. We also touch on how leaders should develop and nurture both mindset and skillset. <u>Read more here.</u>

As always, we remain a phone call away, ready to support you and your operations. Should you have any questions, please email <u>CMT@oilspillresponse.com</u> or contact our Duty Managers.

RECENTLY ANNOUNCED NEW PRODUCTS & SERVICES

NEW POLLUTION MONITORING SOLUTION

CGG has recently launched SeaScope, an innovative pollution monitoring solution which combines expertise in remote sensing science, Earth observation data and machine learning.

SeaScope provides critical sea surface slick intelligence for a range of industries to strengthen situational awareness of the interaction between offshore assets, coastal facilities, local vessel activity and the natural marine environment

RECENTLY ANNOUNCED NEW PRODUCTS & SERVICES (CONTINUED)

For energy companies with offshore assets, SeaScope's proactive monitoring enables the establishment of production water baselines and provides early detection of anomalous events and third-party pollution incidents, as well as surveillance of natural seeps. <u>More info</u>

UPCOMING WEBINARS

FREE WEBINAR FROM UK AND IRELAND SPILL ASSOCIATION

Wed, 16 Jun 2021 15:00 BST Spill Knowledge Base: Marine Special Equipment Click on the blue title for more info on specified webinar. view our upcoming virtual events here.

BASIC CONCEPTS ROLLS OUT 2021 WEBINAR SCHEDULE

Fire-resistance Rated Secondary Containment Options Register Now!

Date: Tuesday, June 29, 2021 Time: 11:00 a.m. EDT to Noon

Industry standards and insurance requirements demand fire suppression and fire walls for transformers. Join BCI for this informative webinar that covers various options for fire-resistance-rated containment.

SPCC Regulations Register Now!

Date: Tuesday, July 27, 2021 Time: 11:00 a.m. EDT to Noon

The Clean Water Act and SPCC regulations govern above ground storage of chemicals, hydrocarbons and other hazardous materials that might find their way into navigable waterways. In this webinar, we will discuss SPCC rules and regulations for general and sized secondary containment systems.

MIDEL and Vipor Solutions Register Now!

Date: Tuesday, August 24, 2021 Time: 11:00 a.m. EDT to Noon

MIDEL is a new oil type that is gaining popularity for electrical transformer cooling oil. In this webinar, we will discuss the challenges associated with secondary containment systems for MIDEL oil filled equipment, testing of approved BCI MIDEL Oil Stop Valves and VIPOR solutions for dewatering secondary containment systems with MIDEL oil.

T.R.A.P.S. for Bulk Fuels Containment Register Now!

Date: Tuesday, September 28, 2021 Time: 11:00 a.m. EDT to Noon

The T.R.A.P.S. system is BCI's patented containment system that provides an alternative to full secondary containment of bulk fuels containment. Join BCI as we discuss the T.R.A.P.S. system, Florida approval for T.R.A.P.S over full volume secondary containment and other uses.

Managing Difficult Containment Penetration Methods Register Now!

Date: Tuesday, October 26, 2021 Time: 11:00 a.m. EDT to Noon

Insulated Coatings for Above Ground Storage Tanks Register Now!

Date: Tuesday, November 16, 2021 Time: 11:00 a.m. EDT to Noon

Corrosion Under Insulation is a growing and costly problem for operators of Above Ground Storage Tanks. In this webinar, we will discuss thermally insulative industrial coatings and their use for insulating and preventing Corrosion Under Insulation.

Insulated Coatings for Above Ground Storage Tanks Register Now!

Date: Tuesday, December 14, 2021 Time: 11:00 a.m. EDT to Noon Solar and Wind energy generation is a fast-growing market and requires secondary containment systems for oil filled equipment. Join BCI to discuss alternative methods for secondary containment for electric transformers in solar and wind applications.

PEMSEA - OCEAN ROUND TABLE DIALOGUE

8 June 2021, 9:00 am-12:00 nn Cambodia time In celebration of World Oceans Day, Partnerships in Environmental Management for the Seas of East Asia (PEMSEA) is organizing an ocean roundtable dialogue entitled "Towards A Blue Economy Pathway for the East Asian Seas." This is the first of a series of Collabs that will culminate in the East Asian Seas (EAS) Congress 2021 on 1-2 December 2021. More info and registration

PROGRAMS IN EMERGENCY & DISASTER MANAGEMENT WEBINAR

16 June 12-1pm ET We invite you to learn more about the Master's in Emergency & Disaster Management at the Georgetown University School of Continuing Studies. Gain the strategic skills required to head emergency management response efforts, improve public policy and, most importantly, save lives. Georgetown offers two distinct degree formats that are designed to shape the next generation of emergency management practitioners and leaders: master's and executive master's. The first 30 minutes will focus on the master's degree and the second 30 minutes will focus on the executive master's degree. Join us for a live webinar to learn more about the program formats, requirements, and application process. <u>More info</u>

OSRL: BOOK OIL SPILL RESPONSE TRAINING FROM ANYWHERE

On-Scene Commander Practical Day

3 June in Southampton

This deployment of equipment only course has been designed to allow delegates who have taken the remote theory On-Scene Commander's Course to upgrade their certificate to a full Nautical Institute certified IMO Level 2.

Remote OPRC (IMO Level 3 Equivalent) Oil Spill Management Course

9-11 June BST

Learn the essential skills and tactical knowledge required to initiate and terminate response, to perform the role of Incident Commander and effectively manage an emergency response team.

CEDRE: E-LEARNING MODULE: SURVEYING SITES POLLUTED BY OIL

In every major spill, the oiled site survey phase is of primary importance. It enables decision-makers to assess the scale of the pollution, estimate its impact on the shoreline, determine response priorities, select the most appropriate response techniques and allocate adequate personnel and equipment. During 2020, Cedre added a new two-hour module on this theme to its online learning centre. The aim is to train any person liable to conduct a shoreline survey.

This module aims more specifically to teach trainees the necessary skills to: conduct a field survey; segment a shoreline and describe the pollution; identify the relevant key information to be collected and passed on for clean-up operations and fill in a standard survey form. The English language version of this module is now available on our e-learning platform. <u>https://wwz.cedre.fr/en</u>

CEDRE: 2021 TRAINING PROGRAMME

Click on these links <u>training catalogue</u> and <u>2021 calendar</u>. We also invite you to visit our new online training space and the training courses offered: <u>https://elearning.cedre.fr/</u>

USA: HAZARDOUS MATERIALS CODE ENFORCEMENT P0615

June 13-18, 2021. Emmitsburg, Maryland. 6-day on-campus - This six-day course is designed to guide students in gaining and sharing the knowledge, skills and abilities to effectively recognize and analyze hazardous materials risk, classify the materials, and apply the codes, standards, and regulations to prevent incidents and mitigate threats to life and property. <u>More info</u>

ALGA: PFAS 101 TRAINING MODULES

These training modules, prepared by members of ALGA's Emerging Contaminants of Concern Interest Group (EmCoC IG), consists of 9 online modules covering aspects of PFAS from health risk and community consultation to investigation and remediation. The content for the modules has been developed with a principally Australian and New Zealand focus, but also draws examples of best practice from around the world, making it up to date, expansive yet locally relevant. <u>More info</u>

IOPC FUNDS' ONLINE SHORT COURSE: 2021 DATES

The Director is pleased to announce that the 2021 IOPC Funds Short Course will be held online for the first time and take place over two weeks between 14 and 25 June 2021, running three hours per day.

The online course programme will cover all aspects of the work of the IOPC Funds and the international liability and compensation regime in general and will include interactive exercises which allow participants to study a theoretical incident and the subsequent claims submission process. The course is supported by IMO, ICS, the International Group of P&I Associations and ITOPF. <u>More info</u>

ON-DEMAND CONFERENCE - PFAS UPDATES 2021

23rd **June 2021** - Following a successful inaugural edition in 2020, this virtual conference will bring together experts and stakeholders for a comprehensive discussion on the latest regulatory developments around the use of PFASs. Chemical Watch / <u>More info</u>

USA: TEXAS A&M UNIVERSITY – NATIONAL SPILL CONTROL SCHOOL

Calendar of upcoming training courses and webinars http://nscs.tamucc.edu/schedule-2020-2021.html

USA: MASTER'S IN EMERGENCY & DISASTER MANAGEMENT

Georgetown's Master of Professional Studies in Emergency & Disaster Management - Unlike many response-focused emergency management programs, our degree takes a sophisticated and holistic approach to the field. You'll examine the full disaster lifecycle—with a particular focus on preparedness and recovery—within a U.S. context. <u>More info</u>

CONTRACTS, TENDERS AND BUSINESS OPPORTUNITIES

INTERNATIONAL OPEN TENDER NOTIFICATION SERVICE

This is a subscription service. Have a look to see examples of open tenders.

OTHER OPPORTUNITIES: USA & EUROPE

US Government solicitations are frequently posted in Technology Innovation News Survey, US EPA Tech Direct and USA Federal Contracts Update. European Maritime Safety Agency invitations to tender are often posted in The EMSA Newsletter. See "Links for other publications" for links to download current issues of these publications.

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.

If an event title is not printed in blue ink it is not hyperlinked to the event website. This may be because the website is not yet available or because the link for the website has not yet been given.

COUNTRY	2021	TITLE OF EVENT	LOCATION
VIRTUAL EVENT	May 31 – June 2	Meeting of the Focal Points of the Regional Marine	Online
		Pollution Emergency Response Centre for the	
		Mediterranean Sea (REMPEC)	
VIRTUAL EVENT	June 3-4	Meeting of the Barcelona Convention Offshore Oil	Online
		and Gas Group (OFOG)	
VIRTUAL EVENT	June 8-9	Environment Analyst Global Business Summit 2021	Online
VIRTUAL EVENT	June 8-10	43rd AMOP Technical Seminar on Environmental	Online
		Contamination and Response	
USA	June 8-10	Elastec Spill Workshop 2021	Carmi, IL
VIRTUAL EVENT	June 10-17	IMO Marine Environment Protection Committee	Online
VIRTUAL EVENT	June 15	Clean Atlantic Final Conference	Online
TUNISIA	June 15	Training on Readiness Evaluation Tool for Oil Spills	Hammamet
TUNISIA	June 16-17	Regional Workshop on Oil Spill Waste Management	Hammamet
VIRTUAL EVENT	June28 – July2	IMO Council Meeting	Online
USA	August 17-18	Clean Pacific Exhibition & Conference	Renton, WA
USA	September 7-10	Hazmat Emergency Response Workshop	Sacramento, CA
NETHERLANDS	September 9-10	Envirotech for Shipping Forum	Rotterdam
USA	Sept. 13-15	Clean Waterways Conference & Exhibition	Louisville, KY
GERMANY	October 20	HELCOM Ministerial Meeting	Lübeck
CROATIA	October 26-28	Regional Workshop – Enhancing Preparedness and	Opatija
		Response in the Adriatic & Mediterranean Regions	
CROATIA	October 29	MOIG General Assembly Meeting	Opatija
USA	Nov. 16-18	Clean Gulf Conference & Exhibition	San Antonio, TX
BAHREIN	Nov. 28-30	International Conference & Exhibition on Spills,	Bahrein
		Clean Seas & Environment	
UK	December 1-2	Salvage and Wreck Removal Conference	London
CAMBODIA	December 1-4	East Asian Seas Congress	Sihanoukville
COUNTRY	2022	TITLE OF EVENT	LOCATION
UK	March 15-17	Oceanology International	London

If you want to request the addition of an event please contact the Editor.

For more information click on Title of Event

Please advise the Editor if any of the above entries require correction or updating. John.mcmurtrie@spillcontrol.org

MESSAGES FROM EVENT ORGANISERS

USA: CLEAN PACIFIC CONFERENCE AGENDA NOW AVAILABLE

The 2021 CLEAN PACIFIC conference agenda is now available! These sessions will take place at the Hyatt Regency Lake Washington, August 17-18, and all will be live-streamed in our virtual platform for those who can't attend in-person.

USA: CLEAN GULF - JUST RELEASED – SESSION LINE-UP FOR CONFERENCE & EXHIBITION

The planning committee for CLEAN GULF 2021 has created an outstanding line-up of sessions for this year's event, taking place November 16-18 at the Henry B. Gonzalez Convention Center in San Antonio, TX. Make plans to join us for CLEAN GULF's 30th anniversary and come together with your peers in the response community you've been missing over the last 12+ months. We'll be addressing important topics such as hurricane season and COVID-19's impacts, virtual emergency operations center (EOC) and digital toolbox, employee stabilization in disaster to support business continuity, oil and gas industry response to COVID-19 pandemic, lessons-learned for virtual training and exercising, and much more.

TRACK: RESPONSE AND RESTORATION

Offshore/Shoreline All-Hazards Response - Chair: Elliot Taylor, Principal/Marine Scientist, Polaris Applied Science; Co-Chair: Ed Turner, President, OMI

On Water Hazmat - Response Specific to Shipboard Related Incidents - Chair: Rebecca Garcia, Education Chair, American Salvage Association; Co-Chair: Jim Elliott, Vice President, T&T Salvage, LLC

Response Case Studies - Chair: Nick Benson, US EMPR & Crisis Management, Equinor; Co-Chair: Mike Drieu, GOM CEM Manager, Occidental Petroleum Corporation

Worst-Case Discharge: Readiness and Capabilities - Chair: Mike Drieu, GOM CEM Manager, Occidental Petroleum Corporation Co-Chair: Frank Paskewich, President, Clean Gulf Associates

Hurricane Season and COVID-19's Impacts - Chair: Angela Barrow, Global Enterprise Manager, Emergency Management, Chevron, invited; Co-Chair: Michael Roldan, Regional Director – Americas, Oil Spill Response Limited

TRACK: BUSINESS CONTINUITY IN DISASTER/CRISIS

Employee Stabilization in Disaster to Support Business Continuity - Chair: Stephen Pepper, Director, Crisis Management, Phillips 66 **Oil and Gas Industry Response to the COVID-19 Pandemic -** Chair: Ben Badon, Emergency Response Advisor, Hess Corporation

TRACK: PLANNING AND PREPAREDNESS

Data Management and the Common Operating Picture

Chair: Bob Patterson, Managing Director, Witt O'Brien's

Environmental Health Support During an Incident

Chair: Matt Tillman, Emergency Response Specialist, U.S. Coast Guard Sector Houston-Galveston

Mexico Update – Legislation, Operations and Challenges

Chair: David Pertuz, Sr. Emergency Response Specialist, Shell Exploration & Production Company

Plans, Policies, and Procedures Update on New Area Contingency Planning - Chair: Emily Poe, Emergency Response Specialist, Phillips 66; Co-Chair: Val Garner, Senior Vice President of Operations, ERTS (Emergency Response & Training Solutions) Wildlife Preparedness: Policies, Considerations, and Guidance - Chair: Rhonda Murgatroyd, Managing Director, Wildlife Response Services, LLC; Co-Chair: J. Jill Heatley DVM MS DABVP (Avian) DACZM, Associate Professor, Zoological Medicine College of Veterinary Medicine, Texas A&M University; Moderator: Andy Tirpak, Principal, A To Sea Environmental

TRACK: TRAINING AND EXERCISES BEST MANAGEMENT PRACTICES

Virtual Emergency Operations Center (EOC) and Digital Toolbox - Chair: Stephen Kastensmidt CEM, CPEA, Emergency Management & Security Team Lead, Enbridge Gas Transmission; Co-Chair: Justin Mellen, Manager of Gulf Coast Operations, ConocoPhillips Virtual Training and Exercising: Lessons Learned - Chair: Nicole Franks, President, NJ Resources, Inc.; Co-Chair: Melissa Simpson, CCM/ER Oil Spill Advisor, bp GoM

TRACK: RESEARCH

Oil Spill Research Facilities: Gaps and Needs - Chair: Paul Panetta Ph.D., Chief Scientist, Ohmsett; Moderator: Feiyue Wang Ph.D., B.Sc, Professor & Canada; Research Chair, Centre for Earth Observation Science, University of Manitoba **Response Research** - Chair: Gary Petrae, Senior Preparedness Analyst, Bureau of Safety and Environmental Enforcement (BSEE)

TRACK: NEW AND ADVANCED RESPONSE TOOLS AND TECHNIQUES

Oil Spill Fate and Transport - Chair: Tim Nedwed, Principal for Oil Spill Response, ExxonMobil Corporation **Operational Dispersant Use** - Chair: Victoria Broje, Sr. Emergency Response Scientist, Shell **Shoreline Activities** - Chair: Keith Nichols, Ecological Program Manager, CK Associates LLC

TRACK: CURRENT INDUSTRY CONCERNS

Knowledge Management and Transfer - Chair: Angie Morrow, Sr. Consultant, Cardno; Moderator: Tom Coolbaugh, Program/Facility Manager, Applied Research Associates, In. | Ohmsett

The Balancing Act: Company, Employees, Customers, Community - Chair: Robert Chambers, President, Spill Control Association of America (SCAA); Moderator: Lawrence Malizzi, Senior Manager, Ramboll

USA: CLEAN WATERWAYS PRELIMINARY CONFERENCE AGENDA

The 2021 CLEAN WATERWAYS preliminary conference agenda is here! These sessions will take place at the Galt House Hotel in Louisville, KY, September 14-15, with a selection of sessions being live-streamed in our virtual platform for those who can't attend in-person. Session details and descriptions will be announced next month. If you register for CLEAN WATERWAYS by June 25th, you will receive our early bird registration discounts, which offer savings for both in-person and virtual registrations.

TUNISIA: REGIONAL WORKSHOP ON OIL SPILL WASTE MANAGEMENT

The Mediterranean Oil Industry Group (MOIG), the Center of Documentation, Research and Experimentation on Accidental Water Pollution (Cedre) and the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) are very pleased to announce that the Regional Workshop on "Oil Spill Waste Management"; will be held on 16-17 June 2021; at Iberostar Averroes Hotel in South Hammamet-Tunisia. The event will be open on Wednesday, 16 June 2021 at 08:30 am and expected to close on Thursday, 17 June 2021 at 17:00 pm. <u>More info in the May 2021 issue of the MOIG Newsletter</u>

Latest News from the Australian Maritime Safety Authority

TUNISIA: ANNOUNCEMENT OF THE TRAINING ON RETOS

The Mediterranean Oil Industry Group (MOIG) and the National Agency of Environment Protection (ANPE) are very pleased to announce that the training on "Readiness Evaluation Tool for Oil Spills (RETOS)"; will be held on 15 June 2021; at Iberostar Averroes Hotel in South Hammamet-Tunisia. <u>More info in the May 2021 issue of the MOIG Newsletter</u>

LINKS FOR DOWNLOADING AND READING OTHER PUBLICATIONS

AMSA Update ATRAC Newsletter AUSMEPA Bulletin **BIMCO Bulletin** Newsletter from George Holliday Cedre Newsletter **EMSA Newsletter Environmental Expert GDACS** Newsletter **GEF Newsletter** GESAMP **GISEA Quarterly Newsletter IMO News Magazine** IMO Publishing Newsletter **ITOPF Ocean Orbit** JOIFF Catalyst Newsletter Maritime Executive Magazine **MED News MOIG Newsletter NCEC Newsletter** Navigate Response NOAA OR&R Oceanbuzz **OCIMF Newsletter** OHMSETT Gazette Oiled Wildlife Log **OSPAR Newsletter PEMSEA Newsletter Pollution Online Newsletter** Salvage World Sea Alarm Foundation Newsletter Society of Maritime Industries Spill Alert Technology Innovation News Survey The Maritime Advocate **UNEP News** USA EPA Tech Direct **USA Federal Contract Opportunities** Water Pollution & Flood News

News from the Adriatic Training and Research Centre October 2020 News from the Australian Marine Environment Protection Assoc'n Summer 2020 Marine and shipping-related news from BIMCO March 2021 News and commentary on HSE issues from George Holliday Free on request News from Cedre in Brittany, France April 2021 News from the European Maritime Safety Agency May 2021 Environmental News from Environmental Expert Current issue Daily alerts for natural disasters - earthquakes, floods, typhoons, etc. Free on request Monthly Newsletter from the Global Environment Facility Subscription Group of Experts on the Scientific Aspects of Marine Environmental Protection Latest news News from Global Initiative for South-East Asia 03 2020 News from the International Maritime Organization Autumn/Winter 2020 New and forthcoming IMO publications September 2020 News magazine from ITOPF with interesting spill resonse articles February2021 Int'l Organisation for Industrial Hazard Management Latest issue Often contains articles of interest to the spill response community Current issue UNEP / MAP Barcelona Convention News April 2021 News from the Mediterranean Oil Industry Group May 2021 News from the National Chemical Emergency Centre December 2020 Global crisis communications network for shipping & marine Current issue Weekly round-up of news from NOAA's Office of Response & Restoration Latest issue Newsletter giving news on the Ocean Technology Industry Current issue News from the Oil Companies International Marine Forum Current issue Oil Spill Response Research & Renewable Energy Test Facility Quarterly Autumn 2020 Bi-annual Newsletter from Tri-State Bird Rescue & Research May 2021 Protecting & Conserving the N.E. Atlantic and its resources End of year 2019 Healthy oceans, people and economies in the East Asian Seas Current issue News for pollution prevention & control professionals Current issue Quarterly Newsletter of the International Salvage Union Current issue Oiled wildlife Preparedness and Response news from Sea Alarm Current issue News from the UK's maritime engineering and business services sector. April 1, 2021 Quarterly Newsletter from UK & Ireland Spill Association December 2020 News from US EPA - Contaminated Site Decontamination April 1-15, 2021 Maritime News from Sandra Speares Current issue Latest News from United Nations Environmental Programme Latest News Remediation of contaminated soil and groundwater May 1, 2021 The authoritative source for federal contract opportunities May 16-23, 2021 Monthly round-ups of UK & Worldwide Spill and Flood News Free on request

Current issue

Your editor depends on regular receipt of updated URL links for listed publications. If these are not received, relevant entries will be discontinued. Publishers are kindly requested to advise the editor <u>john.mcmurtrie@spillcontrol.org</u> if any of the links are not up-to-date.

INCIDENT REPORTS

SRI LANKA: OFFICIALS ORDER BURNING BOXSHIP OUT TO SEA



Photo: Firefighting efforts aboard X-Press Pearl, May 20 (Sri Lankan Navy)

May 23 - Environmental authorities in Sri Lanka have ordered the still-burning container ship X-Press Pearl to leave the nation's waters as a precautionary measure.

The fire aboard the X-Press Pearl broke out on Thursday as she waited at anchor about 10 nm off the coast of the port of Colombo. The Sri Lankan Navy responded, sending two patrol vessels and one fast attack craft. Two tugs from the Sri Lanka Ports Authority (SLPA) joined the efforts. In a novel addition, the crew of a Sri Lankan Air Force helicopter bombarded the fire with sacks of dry chemical powder extinguishing agent.

The Maritime Executive / Read more

UPDATES Click on publications to read more

May 25 - Blazing X-press Pearl off Sri Lanka triggers Tier II oil spill warningEconomy NextMay 25 - Fire engulfed about all of cargo deck and containers stacked on it, containers continuing to fall overboardMaritime BulletinMay 25 - Container ship rocked by explosion, engulfed in fire May 25 VIDEOMaritime Bulletin

May 26 - Sri Lanka braces for major oil spill as cargo vessel expected to sink The Hindu



May 26 - MV X-Press Pearl was carrying 1,486 containers with nitric acid and other hazardous chemicals WION News

May 27 – Sri Lanka braces for beach pollution as containers ship burns Straits Times

May 28 - Sri Lanka battles waves of plastic waste from burning ship Digital Journal

May 28 - Tonnes of charred plastic pellets from a burning container ship washed shore France 24

May 28 - Vessel was known to carry 28 containers of pellets that are used as a raw material Macau Business

May 29 - Right now there is no threat of the ship breaking up, but we don't know how much of oil is still left TRT World

May 30 - More than 1000 persons, mainly military, were toiling since Wednesday to clean up debris. Booms were laid at the entrance to the Negombo lagoon to protect marine life <u>Sunday Times</u>

May 30 - Sri Lanka faces 'worst beach pollution' in history from burning ship ABC News

OMAN: CONTAINER SHIP AGROUND, PROBABLY SANK, CREW EVACUATED

Container ship MUZAH ran aground at Jazirat As Sawdah island coast, Khuriya Muriya islands, east of Salalah, Oman, on May 23. Hull was breached in engine room area, which was flooded. The ship issued distress signal, Royal Oman Air Force scrambled helicopter and evacuated all 12 crew, including 6 Syrian and 6 Indian nationalities. The ship reportedly sank, but probably not, she seems to be aground with both anchors dropped. Understood she anchored but coulnd't hold on, and drifted in shallow waters. Maritime Bulletin / Read more

JAPAN: SANCTIONED NORTH KOREAN FREIGHTER SINKS OFF JAPAN

No missing personnel or injuries were reported, but Japanese officials said that a miles-long fuel oil slick was spotted in the vicinity of the sinking. It is not yet known whether any of the fuel will reach Japan's coast. The Maritime Executive / Read more

RUSSIA INVESTIGATES OIL SPILL OFF BLACK SEA COAST

May 25 - Russian authorities in the southern region of Krasnodar said on Tuesday they were investigating an oil spill in the Black Sea and working to clean it up. Local authorities in the region, a popular tourist destination for Russians in summer, said the spill was located at around 800 meters from the shore near a deep-water sewer outlet in Tuapse, a coastal town north of the resort city of Sochi, the Interfax news agency reported. Reuters / Read more

INDIA: CYCLONE TAUKTAE: AGROUND AT PALGHAR, BARGE WRECKAGE RAISES OIL LEAK FEARS



May 30 - When Cyclone Tauktae struck earlier this month, the four-deck Gal Constructor anchored offshore near Alibaug started drifting several nautical miles in Palghar and got stranded there. All the 137 crew members were rescued by the Coast Guard.

A "sheen" of oil reported by the Coast Guard at Valrai Rocks off Palghar where ONGC off shore accommodation barge Gal Constructor ran aground during Cyclone Tauktae has raised fears that a large amount of diesel stored on it has begun leaking into the sea.

"AFCONS has arranged M/s Seacare, which has laid 400 m boom around the barge. Further, two fuel barges are being hired for removal of oil. M/s Shree Krishna is undertaking hull repairs to Gal Constructor and M/s Smith & Coy has been hired for removal of oil from the vessel," he said. The Indian Express / <u>Read more</u> Related Report in <u>Times of India</u>

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