



ISCO NEWSLETTER

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EUROPE: EU OFFERS AID IN HUNGARY'S TOXIC FLOODING



European Commissioner for International Cooperation, Humanitarian Aid and Crisis Response Kristalina Georgieva describes the EU's humanitarian aid projects to the media in Brussels

European Union crisis response chief Kristalina Georgieva says massive toxic flooding in Hungary that killed nine people and injured more than 120 others has underscored the need for a stronger European disaster response.

The European Commissioner for International Cooperation, Humanitarian Aid and Crisis Response Kristalina Georgieva announced in Budapest the European Union will provide machinery, vehicles and materials to help Hungary overcome its worst industrial accident on record.

Since October 4 about 800,000 cubic-meters of toxic sludge, a byproduct of aluminum production, has leaked from a reservoir of a metals plant in western Hungary, flooding towns and villages in an area as large as 40 square kilometers. Read more: <http://www.voanews.com/english/news/europe/EU-Disaster-Offers-European-Aid-in-Hungarys-Toxic-Flooding-105199604.html>

USA: DEEPWATER HORIZON – OPERATIONAL UPDATE AT 6 MONTHS POINT

On October 19 Federal On Scene Commander, Rear Admiral Paul Zukunft, gave an operational update on the progress of the continuing response to the Deepwater Horizon spill in the Gulf of Mexico – “We’re down to just over 13,000 people and about 280 boats, but continuing to respond to residual oiling that still stretches from Florida to Louisiana. In doing what we’re – what is a very deep clean, if you will, right now, out in the Florida panhandle and in orange beach, gulf shores, we actually kicked off what we call operation deep clean and that is to get the oil sediment out of that sand and literally sweep the beach, mile by mile, using mechanical devices and have that work done by the end of this calendar year because those beaches are very critical to the economies of those coastal communities, many people make their travel plans after the first of the year and we want to insure that those travel plans do include those beaches and that we return those to pristine conditions. We’re also working on the barrier islands of Mississippi. This is very much an amphibious operation on those barrier islands and then we continue to work the marshes and the wetlands within Louisiana”. You can read the complete text of Admiral Zukunft’s presentation, including answers to questions raised, at <http://www.restorethegulf.gov/release/2010/10/19/transcript-operational-update-fosc-rear-adm-paul-zukunft> At this site you can also access additional information and listen to a recording of the press conference.

USA: OIL COMMISSION REPORT: POLITICS INTERFERED WITH SPILL RESPONSE

The National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling has issued a series of working papers on various topics. [One of them, which will be discussed here](#), deals with the command structure, decision-making and the involvement of politics.

First, what strikes me is the mainstream media continues to miss the key story of this event. That story is, in simplest form, that 20+ years of oil spill planning and practice using the National Contingency Plan, plus 6 plus years of investment in the National Incident Management System, were shunted aside by higher ups who put political agendas above national interest. Yes, that is stated it strongly, but I’ll let the following quotes speak for me on this point. Why the national media, including New York Times, continue to miss this story is beyond me. Their editorial today, while critical of the Obama administration, clearly misses the major issue of politics in general--and not just presidential politics--severely hampering response effectiveness. You can read the complete text of this interesting article at <http://www.emergencymgmt.com/emergency-blogs/crisis-comm/The-Oil-Commission-Report-100810.html> and read the Commission Report at <http://www.oilspillcommission.gov/document/decision-making-within-unified-command>

USA / CHINA: EPA ADMINISTRATOR SIGNS MEMORANDUM OF UNDERSTANDING WITH CHINA ON ENVIRONMENTAL PROTECTION

During her first official visit to China, U.S. Environmental Protection Agency (EPA) Administrator Lisa P. Jackson and Minister of Environmental Protection Zhou Shengxian signed an agreement that formalizes the partnership between the United States and China on environmental protection. Under the MOU, EPA will continue to collaborate with China's Ministry of Environmental Protection (MEP) on the prevention and management of air pollution, water pollution, pollution from persistent organic pollutants and other toxics, hazardous and solid waste, and the development, implementation and enforcement of environmental law. Read more: <http://www.pollutiononline.com/article.mvc/EPA-Administrator-Signs-Memorandum-Of-0001?user=2116810&source=nl:29053>

UK: NOMINATIONS SOUGHT FOR THE AMSI BUSINESS PERSON OF THE YEAR 2011

The UK marine science sector is a vibrant industry epitomised by enthusiastic and successful entrepreneurs with leading edge technology supported by world leading research institutions. The Society of Maritime Industries, through its constituent association the Association of Marine Scientific Industries (AMSI), invites nominations for this prestigious annual award which recognises individuals who have contributed most to the business of the marine science and technology sector in the UK.

The Association of Marine Scientific Industries (AMSI) is a constituent association of the Society of Maritime Industries (SMI) and benefits from its significant resources across all maritime sectors. As a market orientated trade association, AMSI supports companies in the marine science and technology sector and is also the focus for the oceanographic and marine environment interests of members of the Society of Maritime Industries. For more information and nomination form click on: <http://www.maritimeindustries.org/news/files/AMSIBusinessPersonNominationForm2011.doc>

USA: MIT GETS HELP WITH OIL SPILL RESEARCH

October 18 -Italian energy giant Eni will expand its support for energy-related research programs at the [Massachusetts Institute of Technology](#), company and university officials announced Monday. Specifically, the company plans to back new research into preventing oil well blowouts, which can lead to spills such as this year's Gulf disaster, said MIT President Susan Hockfield and Eni CEO Paolo Scaroni during the event at MIT.

Eni is the largest corporate backer of the MIT Energy Initiative, with a \$50 million contribution in 2008 for a five-year research program. It's expected that Eni will now provide funding for a new five-year research project to focus on oil spill prevention, said Ernest Moniz, director of the initiative, in an interview after the event. Read more: <http://www.bizjournals.com/boston/news/2010/10/18/italian-co-to-back-mit-oil-spill.html>

TECHNOLOGY

UTAH MICROBUBBLES CLEAN DIRTY SOIL IN CHINA

Microbubbles are a much bigger deal than they sound. If all goes as planned during a demonstration project in eastern China, microbubble technology developed at the University of Utah has the potential to boost a wide range of environmental cleanup efforts around the world. Uses include removing oil and gas byproducts from water, removing organics and heavy metals from industrial sites, and removing harmful algae from lakes.

"It's very gratifying to see our technology at work in the field," says Andy Hong, who developed the new process as a professor of civil and environmental engineering at the University of Utah. "If we are successful with this first project in China, we hope to do a lot more work there and secure additional projects in other countries." Hong released findings of his initial experiments in 2008 and 2009 in the journal *Chemosphere*. His central insight is that by infusing water or soil with pressurized ozone gas microbubbles, it is possible to expose pollutants and make them easier to remove. The process is called heightened ozonation treatment or HOT. Read the complete article at: <http://www.pollutiononline.com/article.mvc/Utah-Microbubbles-Clean-Dirty-Soil-In-China-0001?user=2116810&source=nl:29053>

USA: TRINITY OFFSHORE TO BUILD 56' X 14' MKII VERY SHALLOW MULTI-SYSTEM SKIMMER

Trinity Offshore, LLC is pleased to announce that they have signed a contract to build one (1) 56' x 14' MKII Very Shallow Multi-System Skimmer (VSMSS) with Clean Gulf Associates of New Orleans, La. Clean Gulf Associates, one of the largest oil spill response cooperative in North America, will operate the vessel to provide marine service and environmental clean up along the Gulf Coast to its member companies.



Designed by Trinity's in house engineering department, this revolutionary multi-purpose shallow draft skimmer is designed to travel at speeds exceeding 25 MPH, carry two (2) 3 ft. wide bow mounted belt skimmer systems and store up to 249 BBLs of recovered product. Upon delivery she will be USCG certified to carry Grade D cargo. The vessels can be quickly fitted with different oil recovery systems depending upon the type of oil to be recovered. Read more: <http://www.maritime-executive.com/pressrelease/trinity-offshore-build-56-x-14-mkii-very-shallow-multi-system-skimmer/>

UK: LANES GUARDS AGAINST POLLUTION WITH AQUA SENTRY

Independent drainage consultants The Lanes Group has joined forces with Aqua Sentry to help clients avoid spills and pollution of watercourses and systems. The move is a result of Lanes' recent ISO 14001 consultants work with organisations aiming to meet IPPC (Integrated Pollution Prevention and Control) legislation, Pollution Prevention Guidelines and ISO14001 Environmental systems.

"Contravening European Environmental Directive 2004/35/EC, which uses a 'polluter pays' principle, can result in unlimited fines or two years' imprisonment." Yet according to the Environment Agency, every year there are more than 5,000 pollution incidents involving oil, production effluent and fuels in the UK. Although some of these are on land, the vast majority affect the water environment. "On average, a spill costs a typical business up to £30,000 in fines, clean up charges and production losses". Read more: <http://www.pollutiononline.com/article.mvc/Lanes-Guards-Against-Pollution-With-Aqua-0001?user=2116810&source=nl:29053>

PRODUCTS & SERVICES

USA: OIL SPILL RESPONSE TRAINING ON DVD

Major oil spills such as that occurring in the Gulf of Mexico have the potential to damage our way of life. Immediate response by trained personnel is necessary to minimize the damage to the environment. **Oil Spill Response** is a 5-part training series that provides important health and safety information for clean-up workers. Created with the assistance of the US Coast Guard, this series examines all recognized clean-up technologies and emphasizes waste management techniques. It is used worldwide by the US Coast Guard and some 500 other organizations. It is ideal as a crash course to meet OSHA and USCG regulations. Series includes five programs with two hours of video plus Leader's Guide that outlines a course of instruction. Available as five DVDs or VHS tapes. More info: <http://www.efilmgroup.com:80/Compliance/Oil-Spill-Response-Series-Video.html>

EVENTS

For more comprehensive information on upcoming events & training courses click [HERE](#) and select "Events"

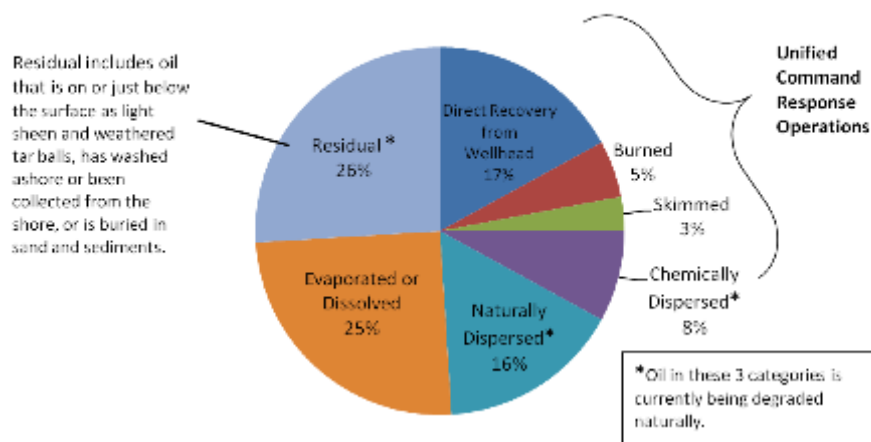
DATE FIXED FOR INTERSPILL 2012 IN LONDON

Interspill 2012 will be held in conjunction with Oceanology 2012 on March 12-15, 2012. More info at <http://www.interspill.org>

Received on 20/10/10 from Dr Wierd Koops, Head of Research Dept. of Maritime, Marine and Environment and Safety Management of the NHL University of Applied Science –

Deepwater Horizon Oil Budget

Based on an estimated release of 4.9m barrels of oil



"I spoke to Sjon Huisman about the figures BP presented on internet about the mass balance. Where the oil is going ... First of all measurement have shown the evaporation could be up to 55% of the oil which has been on the water surface. BP mentioned 25% of the oil on the surface (83 %)

The quantity of dispersants used on emulsified oil was 7000 m3 assuming (a high effectivity on emulsified oil) ratio of 1: 20. This means that maximum 35.000 m3 of oil have been treated and not the 62,400 m3 as mentioned, in particular seeing that the aerial spraying was less effective as dispersants were spread over clean water instead of only on the oil layer.

No oil was picked up from the coastline, very little oil has been recovered (skimmed) (3%)

We assume that the amount of oil treated by BP (use of dispersant and burning) was overestimated and the natural effects (evaporation and natural dispersion) were under estimated. But this is difficult to prove.

Also we spoke about the quantity spilled which started initially with 160 m3/day, after a week it goes up to 800 m3/day, one months later it raised to 4000 m3/day and at the end the average over the 90 days was 8700 m3/day. Let's say that this looks a little strange to us.

Wierd Koops

ISCO NOTICES

OVERDUE SUBSCRIPTIONS

Members who have not yet renewed their membership subscriptions are requested to do so now.

In many countries you can now pay your subscription electronically. Go to the ISCO web site at www.spillcontrol.org

Click on MEMBERSHIP then SUBSCRIPTIONS. The automated payment system will accept the following payment cards – VISA / DELTA / ELECTRON, MASTER CARD / EUROCARD, AMERICAN EXPRESS, SWITCH / MAESTRO, SOLO. If you have a UK Sterling Bank Account, you may pay by sending a cheque payable to International Spill Control Organisation to ISCO Secretariat, Balbithan House, Kintore, Inverurie AB51 0UQ Scotland, UK. You may also pay by bank transfer of funds – for details please send Email to info@spillcontrol.org

Legal disclaimer: Whilst ISCO takes every care to ensure that information published in this Newsletter is accurate unintentional mistakes can occur. If an error is brought to our attention, a correction will be printed in the next issue of this Newsletter.