

## ISCO & THE ISCO NEWSLETTER

The ISCO Newsletter is published weekly by the International Spill Control Organisation, a not-for-profit organisation supported by members in 45 countries. ISCO has Consultative Status at IMO, Observer Status at IOPC Funds and is dedicated to raising worldwide preparedness and co-operation in response to oil and chemical spills, promoting technical development and professional competency, and to providing a focus for making the knowledge and experience of spill control professionals available to IMO, UNEP, EC and other organisation.

## ISCO COMMITTEE & COUNCIL

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

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

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

For more info on Executive Committee and Council Members go to [www.spillcontrol.org](http://www.spillcontrol.org)

## INTERNATIONAL DIRECTORY

Click on these links to view websites

[CONSULTANTS](#)

[EQUIPMENT & MATERIALS](#)

[RESPONSE ORGANISATIONS](#)

[TRAINING PROVIDERS](#)

## International news

For more information on the event featured below, click on the banner



### CUBA, US SIGN PACT FOR PREVENTION OF OIL SPILLS AT SEA



Cuba and the United States signed on Monday in Havana a new environmental protection agreement for the joint prevention and response to pollution from oil spills and contamination from other toxic substances. The document was signed Monday in the Cuban capital by Cuban Deputy Transportation Minister Eduardo Rodriguez and US Charge d'Affaires Jeffrey DeLaurentis.

The accord seeks coordination of the two countries to provide immediate, effective response to spills of hydrocarbons and other dangerous substances, in order to minimize the damage they can cause to marine and coastal ecosystems, and to public health and well-being, the document says. *Latin American Herald Tribune* [Read more](#)

Related report from Reuters - **Cuba, United States sign oil spill deal before Trump inauguration** - U.S. Charge d'Affaires Jeffrey DeLaurentis, upon signing the agreement, said it was one of a series of deals to protect the shared marine environment of the two neighboring countries separated by just 90 miles (145 km) of water. Trump has threatened to scrap a still-fragile detente between the two countries unless Cuba makes further political and economic concessions. *Reuters* [Read more and watch video](#)

## PROFESSIONAL MEMBERSHIP

Advance your career by gaining Professional Recognition

Professional recognition is a visible mark of quality, competence and commitment, and can give you a significant advantage in today's competitive environment.

All who have the relevant qualifications and the required level of experience can apply for Professional Membership of ISCO.

The organization offers independent validation and integrity. Each grade of membership reflects an individual's professional training, experience and qualifications.

The organization offers independent validation and integrity. Each grade of membership reflects an individual's professional training, experience and qualifications.

You can apply for Student Membership, Associate Membership (AMISCO), MEMBERSHIP (MISCO) or FELLOWSHIP (FISCO)

[All about Professional Membership Application Form](#)

### To receive the free ISCO Newsletter

Go to <http://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)

### STAND-BY OIL SPILL RESPONSE CONTRACT SIGNED FOR THE BLACK SEA



EMSA has finalised the public procurement procedure for contracting a new stand-by oil spill response vessel for the Southern Black Sea. This new arrangement will replace the previous EMSA contract that expired in September 2016 in the same area.

*Photo: Mr Mylly congratulates Mr Prodanov from Cosmos Shipping*

Contracted from the Bulgarian company Cosmos Shipping, the Galaxy Eco oil tanker will strengthen the existing response capabilities in the Black Sea area due to its tank capacity of nearly 3 000m<sup>3</sup> for recovered oil.

She will undergo a preparation phase in order to be certified as capable of recovering oil with a flash point below 60°C. The vessel will be equipped with an oil slick detection radar, sweeping arm system as well as with an ocean boom and an offshore skimmer for mechanical oil recovery.

The Galaxy Eco is expected to be ready to enter into operational service by mid-2017.

EMSA's Executive Director, Markku Mylly welcomed Cosmos Shipping to the network of EMSA's spill response contractors. [EMSA Newsletter](#)

## Incident reports

### CANADA: RESCUE WORKERS SCOOP CREW FROM TANKER STRANDED OFF CAPE BRETON

January 8 - A tanker has run aground off Little Pond, N.S., after experiencing engine failure and rescue crews have successfully removed six people from the stranded ship.

The Department of Fisheries and Oceans said the vessel's crew is safe and no pollution from Arca 1 has been reported. [CBC News](#) [Read More and watch video](#) [Thanks to Dr Merv Fingas, Hon.FISCO]

#### More Reports and Updates

January 8 - Bunker Tanker Aground Off Nova Scotia [The Maritime Executive](#)

January 9 - Cape Breton fishermen concerned about possible oil spill from stranded oil tanker [TV News Atlantic](#)

January 10 - Tow of tanker grounded off Nova Scotia unsuccessful [CTV News](#)

### BELGIUM: EMERGENCY CALL OUT STEERS TANKER CLEAR OF TROUBLE

January 9 - Early one November morning, a 7,071dwt tanker was maneuvering in the port of Antwerp when it experienced a steering gear problem. The vessel managed to safely berth alongside and carry out cargo operations but emergency repairs were needed before the vessel could continue.

It was about 0400h when the owner dialed +32 3 213 53 00, the 24/7 emergency number for Hydrex Underwater Technologies' fast response team. Twenty-four hours later, the vessel was heading towards its next port of call with a fully functioning rudder.

Hydrex Production Executive Dave Bleyenbergh takes up the story. "Immediately after taking the call, we mobilized a dive team which carried out an underwater assessment of the rudder, communicating the findings to the owner's technical team ashore. [The Maritime Executive](#) [Read more](#)

## Incident reports (continued)

### ITALY: VIDEO: MAERSK CONTAINER SHIP GOES AGROUND

January 10 - On Monday night, the 10,000 TEU container vessel Gustav Maersk went aground near Cannitello in the Strait of Messina, Italy. Logged AIS data show the Gustav making a course of 071 off Torre Faro at 0136 hours on Tuesday, parallel to the shoreline. Over the course of the next four minutes, she deviated from the sea lanes and turned about 65 degrees to starboard, towards the mainland. Her speed was logged as 11 knots shortly before impact.

The Italian Coast Guard said that the Messina VTS center observed a developing situation and called the Gustav to intervene, but was not able to avert the accident. The port authorities of Reggio Calabria and Messina dispatched patrol boat crews and shore teams, plus three harbor tugs and an anti-pollution vessel. Officials from the Strait of Messina pilots' association also attended the scene of the grounding. *The Maritime Executive* [Read more](#)

### MALTA: MAJOR OIL SPILL SPREADS ACROSS GRAND HARBOUR

January 12 - Photos received by MaltaToday show the extent to which an oil spill originating in Rinella Bay had spread far into Grand Harbour by Thursday afternoon, leaving a layer of diesel over a large area reaching all the way up to Lascaris Wharf.

The Environment Resources Authority (ERA) said that, upon being informed of the spill, it had dispatched officers to Rinella Bay and immediately advised Transport Malta and the Civil Protection Department, which are the authorities in charge of coordinating the management of oil spills. *Malta Today* [Read more](#)

January 13 - **Oil spill at Rinella, clean-up under way** - The Environment and Resources Authority has received report of an oil spill at Il-Bajja tar-Rinella and immediately dispatched its officers to go on site to assess the incident, while bringing this incident to the attention of Transport Malta and the Civil Protection Department, who are the competent authorities coordinating the management of oil spills at sea. The cleanup is currently under way. *The Independent* [Read more](#)

### USA: GEORGIA - AUGUSTA OFFICIALS INVESTIGATING OIL SPILL INTO SAVANNAH RIVER

January 13 - Augusta officials are asking for your help to figure out who's behind gallons of oil ending up in the Savannah River. Savannah Riverkeeper Tonya Bonitatibus tells FOX 54 that a landowner and some cyclists reported seeing a sheen over the water. The utilities department was then called in to help slow down the flow of the water so that the oil did not spread. Preliminary investigations show that the oil is coming from a storm drain in the Harrisburg neighborhood. *Fox News* [Read more](#)

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

### AUSTRALIA: AUSSPILL ASSOCIATION SPILL CONTROL PROJECTS DEADLINE SET

January 11 - AusSpill Association members have agreed to a completion date of 1 December 2017 for its two (2) key projects of: introducing an industry standard for spill kit colouring and labelling, and the independent testing of members' absorbent products.

Established in 2012, AusSpill Association (AA) is a product agnostic body which represents Australian spill control manufacturers, resellers/wholesalers & importers as a single voice to government, the public and the environment protection industry. For further information please contact AusSpill Secretary Kevin Herbert on 0418 679 131

### CANADA: : ALL FIVE CONDITIONS MET FOR B.C.'S APPROVAL OF KINDER MORGAN PIPELINE: CHRISTY CLARK

January 12 - The Kinder Morgan Trans Mountain pipeline project cleared one of its last hurdles Wednesday, picking up both environmental and political support from the B.C. government in exchange for a share of company profits shipping more oil from Alberta to Burnaby.

Premier Christy Clark said the "unprecedented" revenue-sharing deal is worth up to \$1 billion over 20 years for the provincial treasury, or between \$20 million and \$50 million annually, depending on Kinder Morgan's economic performance. In return, Clark announced Kinder Morgan had satisfied the last of her five conditions for support — a so-called "fair share" of the \$6.8-billion pipeline's economic benefits.

"The project has met the five conditions," she told reporters at the legislature, indicating the other four had been met by the federal government. *Vancouver Sun* [Read more](#)

## News reports from around the world (continued)

### INDIA: IOPC FUNDS WORKSHOP HELD IN MUMBAI

January 9 - On 6 December 2016, the IOPC Funds ran a workshop on the international liability and compensation regime in Mumbai, India. Organised by the Directorate General of Shipping, Ministry of Shipping, and hosted by the India Register of Shipping, the workshop was jointly delivered with ITOPI and the International Group of P&I Associations, and enabled the IOPC Funds to discuss the compensation regime with a wide range of stakeholders.

The IOPC Funds was represented by its Director and the Head of External Relations and Conference, who took this opportunity to meet with officials from the Directorate General of Shipping and travelled to New Delhi for a meeting with Dr Alok Srivastava, Additional Secretary, Ministry of Shipping.

The participation of India in meetings of the IOPC Funds' governing bodies and the recent developments regarding the MT Pavit case were discussed on these occasions. <http://www.iopcfunds.org/news-events/detail/item/649/>

---

### NIGERIA: WHY SHELL'S BODO OIL SPILL STILL HASN'T BEEN CLEANED UP

January 8 - In January 2015, Royal Dutch Shell agreed to pay £55m in compensation to thousands of residents of Bodo, a fishing community in the Niger Delta. Their livelihoods had been devastated by two oil spills in 2008-09 that had been caused by corroded Shell pipelines.

After years of high-profile wrangling, the landmark settlement was supposed to draw a line under one of the most toxic reputational issues for the Anglo-Dutch energy giant, and pave the way for the oil blighting the town to finally be cleaned up.

But in Bodo, out of the spotlight in the two years since the case's apparent resolution, things have not progressed as planned. Though the compensation has been paid, oil still laps on the shoreline of its creeks. The promised clean-up operation has yet to begin. *This article in The Telegraph looks at the reasons for delay* [Read more](#)

---

### USA: NORTH DAKOTA - LANDOWNERS OPPOSE BILL THAT REDUCES OIL SPILL REPORTING

January 11 - Groups that represent North Dakota landowners plan to oppose a bill that would reduce the number of spills the oil industry reports.

House Bill 1151 would raise the threshold on spill reporting, exempting companies from having to report spills up to 10 barrels, or 420 gallons, that are contained on an oil well site or saltwater disposal well.

Bill sponsor Rep. Roscoe Streyler, R-Minot, said his proposal would bring state law in line with federal standards for reporting spills on well sites, which are designed to contain small spills. *Bismarck Tribune* [Read more](#)

---

### USA: PENNSYLVANIA: COURT REJECTS ONGOING PENALTIES FOR CONTINUOUS POLLUTION

January 13 - Pennsylvania's Clean Streams Law does not authorize the state Department of Environmental Protection to issue ongoing penalties against companies for the continued presence of pollutants in state waters, the Commonwealth Court has ruled.

The decision, at least for now, lets a natural gas producer off the hook for potentially millions of dollars in ongoing penalties related to pollution caused by fracking leaks. The DEP has already vowed to appeal the ruling, however.

The court's precedential ruling in EQT Production v. Department of Environmental Protection came on remand from the state Supreme Court. The justices ruled 3-1 in January 2016 that EQT Production Co. could challenge the DEP's interpretation of the Clean Streams Law before the Commonwealth Court, rather than proceeding before the Environmental Hearing Board. *The Legal Intelligence* [Read more](#)

---

### NO NEWS FROM YOUR PART OF THE WORLD?

You can help correct this.

Members and other readers are invited to help rectify the balance of world news reporting.

News stories from North America, UK, Australia, etc. are much more accessible on the internet than reports from other parts of the world and especially from non-English-speaking countries.

If you come across a news report or an article that you think worth sharing with other members of the response community, why not send it to the editor at [info@spillcontrol.org](mailto:info@spillcontrol.org)

---

## People in the news

### FRANCE: A NEW PRESIDENT FOR CEDRE'S STRATEGY COMMITTEE



On 6th December, Cedre's Board of Governors validated the nomination of Patricia Mani, Director of Crisis Management and Environmental & Societal Expertise at Total, as President of the Strategy Committee.

She takes over from Frédéric Périé who has been called to other duties following internal changes within the group.

CEDRE [http://wwz.cedre.fr/en/content/download/8747/139134/file/252\\_E.pdf](http://wwz.cedre.fr/en/content/download/8747/139134/file/252_E.pdf)

### NIGERIA: MINISTER OF ENVIRONMENT APPOINTS MARVIN DEKIL AS PROJECT COORDINATOR FOR HYDROCARBON POLLUTION REMEDIATION PROJECT



The Minister of Environment, Amina Mohammed has appointed Dr Marvin Dekil as project coordinator for the hydrocarbon pollution remediation project. Announcing the appointment, the minister in the statement said the appointment was based on merit, and charged the coordinator to deliver results in the lives of people by fast tracking implementation of the UNEP report for the clean-up of Ogoniland. The appointment will last for a period of 4 years. *Africa Independent TV*

[Read more](#)

## Science and technology

### RESEARCHERS RELEASE STUDY ON EFFECT OF DISPERSANTS ON DEEPWATER HORIZON OIL SPILL

January 8 - Scientists continue to research the Deepwater Horizon Oil spill in the Gulf of Mexico in 2010 and are studying the effect dispersants had in breaking down oil. A 2014 study identified how much and where the oil was deposited onto the seafloor.

A new study recently published in the "Proceedings of the National Academy of Sciences", which included a researcher from the Woods Hole Oceanographic Institution, examined more than 400 sediment seafloor samples to investigate what happened in the frigid temperatures after four years. Simple structure compounds were consumed by microbes first but researchers were surprised to find that microbes also decomposed a complex compound called hopane. Hopane was generally believed to be resistant to degradation. The study found that the compound degraded in areas less contaminated by oil.

Researchers believe the use of 900,000 gallons of dispersants at the ocean surface and the controversial action of pumping 771,000 gallons of dispersants at the seafloor may have broken up the oil into smaller droplets which could be consumed by the microbes. *CapeCod.com* [Read more](#)

### OIL SPILL RESPONDERS EXPECT GROWING ROLE FOR UNMANNED AERIAL VEHICLES

January 12 - Unmanned aerial vehicles – commonly known as drones – are beginning to be used in a wide range of industries and have many other potential applications, not least the offshore oil and gas industry, responding to oil spills

Unmanned aerial vehicles (UAVs) could provide an effective, low cost way to conduct surveillance of oil spills, delegates at the Clean Gulf conference in Houston were told. David Palandro, a research associate at ExxonMobil Upstream Research Company, told delegates at the



## Science and technology (continued)

conference that UAVs provide a versatile platform that could be “ideally suited” for the remote detection and monitoring of an oil spill. He noted that a rotary UAV could replace the requirement for manned helicopter flights to provide an aerial view of a response. “Although smaller, battery-powered UAVs may be limited in endurance and range, they are easily deployed from a variety of different platforms that are closer to the target, including offshore vessels and platforms,” he explained.

However, the use of UAVs during a response extends further than oil detection. When combined with an appropriate sensor, UAVs can provide essential information to the shoreline clean-up assessment technique (SCAT) process. “This is especially valid for areas that are remote or pose a safety risk to a SCAT team or where assessment may cause further damage to the environment,” Mr Palandro said, noting that a UAV could also be used to augment SCAT data by providing an alternate view. He explained that the use of small UAVs could also allow for detection and monitoring of marine animals affected by a spill in a non-obtrusive manner. *Offshore Support Journal* [Read more](#)

## Special feature

### EVALUATION

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

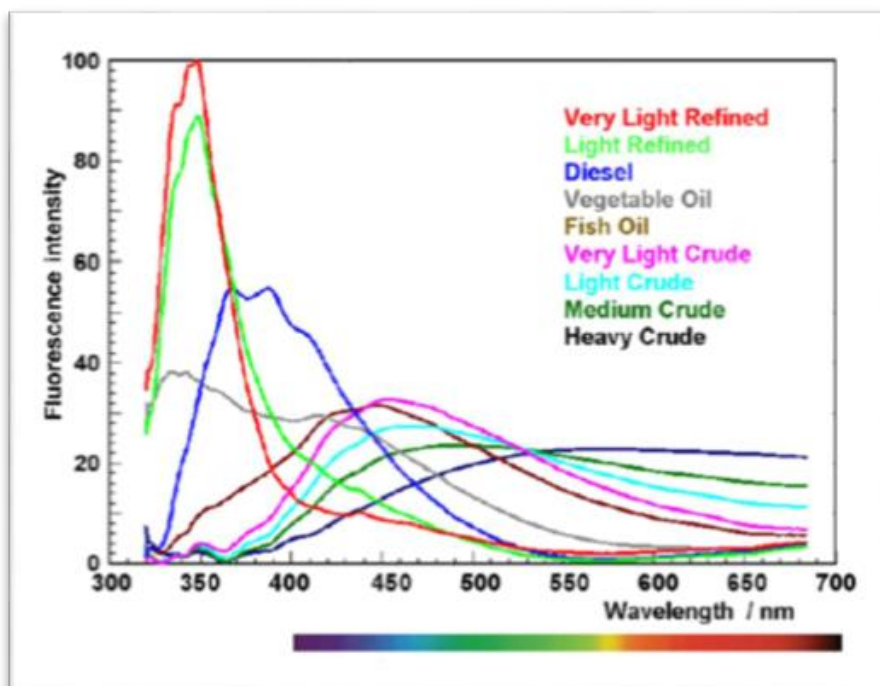


Mark Francis has been involved with the oil industry since 1975. He attended his first oil spill in 1976, the Tanker Elaine V incident. He became head of response for inland spills within the UK for British Petroleum E & P in 1980 for 10 years responding to well, storage tank and pipeline spills throughout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

### Part 13

## Methods of Observation (continued)

### Laser Florescencer



residues of biogenetic origin such as marine algae.

It can also detect oil on the shoreline.

It is capable of operation during the day or at night, except under conditions of fog or rain. The scanning area is small, so it is necessary to fly at low altitudes.

This detector and measurement device emits energy in the ultraviolet band and receives energy in the visual band.

It is used to give an indication of the type of hydrocarbon (heavy, medium or light) and the thickness of the slicks.

The equipment results in a digital fingerprint of the hydrocarbon, which could be compared with other known information.

This equipment succeeds in differentiating biological materials originating from the oil, because these materials emit another fluorescent band.

This is the most useful and reliable system for detecting oil on ice, snow and even when it is associated with

## Special feature (continued)

### Electro Optical/Infrared Sensors (EO/IR)

EO/IR sensors are passive sensors. High resolution (HD) EO/IR is typically used for oil spill detection in both the visible and IR spectrums and relies greatly on operator experience and resolution for detection of marine oil spills; but is very important for use in assisting and directing response and clean-up efforts.

EO/IR also provides the ability to transmit real-time, live data and meta-data (geo-referenced and time-stamped information) via satellite to anywhere on earth and to record this data for later retrieval for analysis and evidentiary purposes.

High quality EO/IR sensors are but one important sub-system of a total remote sensing technology package, which when used in concert with other sub-systems are invaluable for use in the detection and tracking of oil spills.

### Satellite monitoring

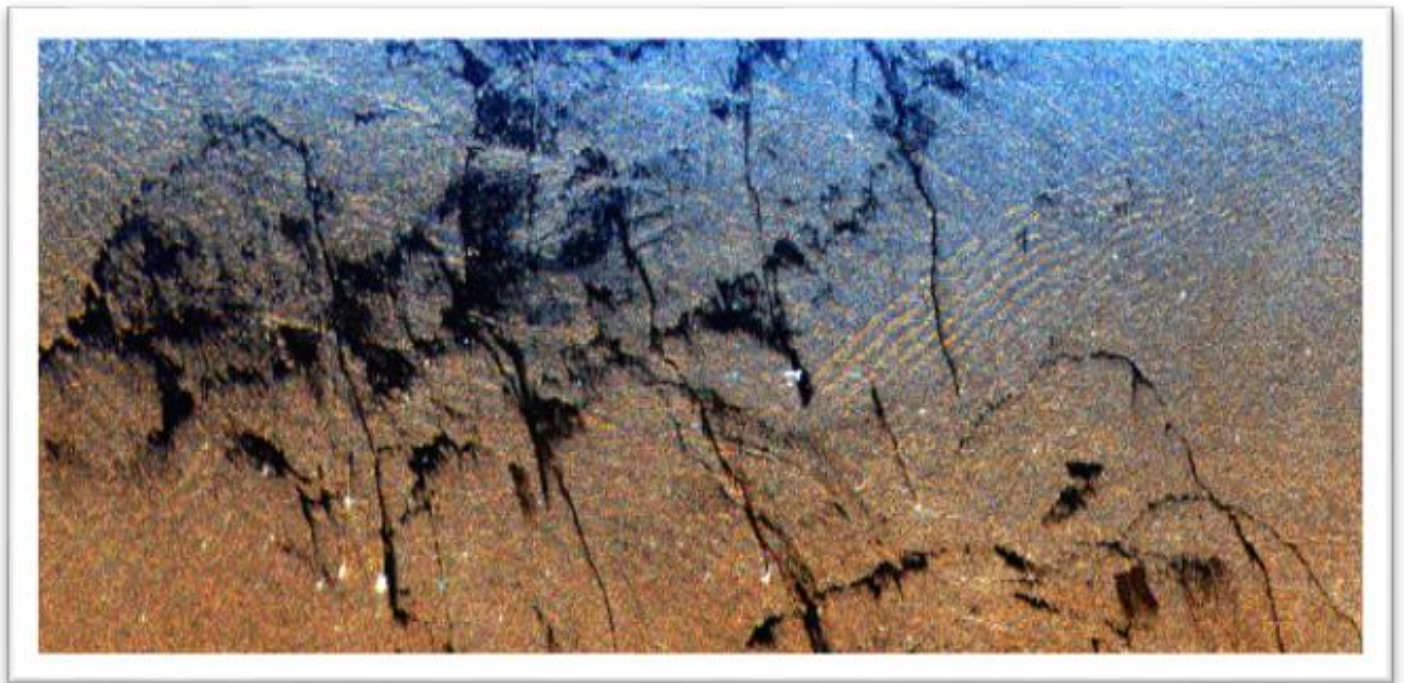
There have been serious efforts to use satellite remote sensing instead of airborne remote sensing for oil spill tactical or short-term response.

However, there are many problems associated with using satellite remote sensing in place of airborne remote sensing.

The main problem is the timing and frequency of the overpass and coverage area.

Satellite remote sensing requires a clear sky and good weather conditions, while at the time of an overpass, clear conditions may not be present.

This equipment requires highly-skilled and trained personnel in order to deal with images of oil slicks. It does not have a rapid turn-around time.



It could be very good for documentation after the oil spill.

It may take some time for the satellite to pass over the area of the oil spill, without the presence of clouds, fog.

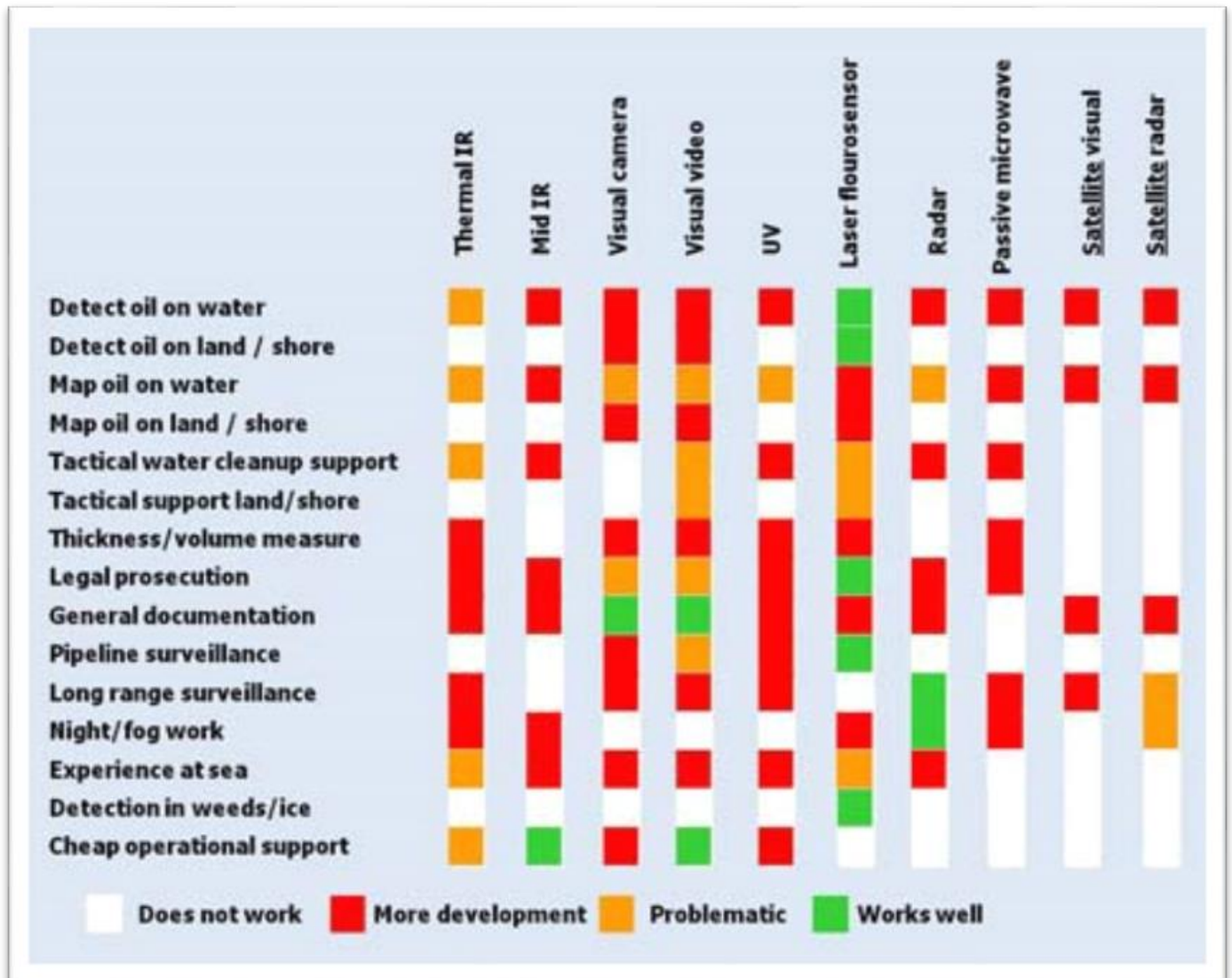
During the Gulf War 91 satellite images were taken of the oil spill but after the well fires started the smoke blocked the view the system does not function well. The system is not good for tracking.

The work is easier when the geographical coordinates of affected areas are known.

## Special feature (continued)

With technological development, the time needed for interpretation of the images diminishes. Powerful computers process the data more quickly. This type of information is very important to serve as documentation of the post-spill.

The diagram *below* was taken from Environment Canada and shows that not one type of remote sensor works for all the tasks we need answers, so various are used together to get a good result.



We humans have always during our history, reached a point where we know what we want but the technology we have cannot do the task.

It does show the best to date is the Laser fluorosensor which will be developed into a hand held version in the future.

This system is the future but requires more development as the photo right shows in 1956 (IBM 305 RAMAC) 5MB Hard drive and weighed 3 tonnes.

Technology will get us there, sometime in the future it will weigh less than 1 kg.

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

**To be continued**



## Training

### TUNISIA: OIL SPILL PREPAREDNESS&INCIDENT MANAGEMENT WORKSHOP, 14-15 MARCH 2017

The Mediterranean Oil Industry Group (MOIG) and Oil Spill Response Limited (OSRL) are very pleased to invite you to Oil Spill Preparedness and Incident Management Workshop which will be held between 14 and 15 March 2017 at Acropole Hotel, Rue Rodrigo Freitas, Les Berges du Lac in Tunis-Tunisia.

The event will open on Tuesday, 14th March 2017 at 08:30 am and close on Wednesday, 15 March at 17:00 pm. The workshop will be presented by Mr Dave Oland, North/East/Southern Africa Preparedness Advisor, Mr Mohamed Samy-Bahrain Oil Spill Consultant and Trainer and Mr Liam Harrington-Mission Geomatics Specialist.

The main objective of the Workshop is to enhance awareness on Oil Spill Preparedness and Incident Management to MOIG and OSRL members as well as Oil and Gas Industry in the Mediterranean Region. The workshop will consist of one full day sessions. The morning sessions will be dedicated to cover Oil Spill Preparedness Review and Oil Spill Modeling. In the Afternoon session, attendees will have the opportunity to participate in the Incident Management System 100 (IMS 100) Training Course. Mr Mohamed Samy is a qualified teacher, a senior trainer and an Arabic speaker.

The working languages of the event will be English and Arabic.

For more information, and registration please contact [houcine.mejri@moig.org.tn](mailto:houcine.mejri@moig.org.tn) or [info.moig@planet.tn](mailto:info.moig@planet.tn) as soon as possible.

In order to enable MOIG to have all logistic arrangements made on time, it would be appreciated if you could have the Registration Forms completed and returned to at your earliest convenience preferably before 24th February 2017.

## Publications

### GOVERNANCE OF SEAS AND OCEANS

The governance of seas and oceans, defined as all forms of social participation in decision-making on the marine environment, is here mainly from a legal perspective view with the Law of the Sea as a determinant. The book presents the main aspects of maritime law and the history of its construction. The exploitation of living resources, minerals and marine energy reserves, maritime transport, marine ecosystems disturbance by a vessel traffic constantly increasing, are included. [More info](#)

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

<a href="#">AMSA Aboard</a>	News from the Australian Maritime Safety Authority	December 2016
<a href="#">ASME EED EHS Newsletter</a>	News and commentary on HSE issues from George Holliday	Most recent issue
<a href="#">Bow Wave</a>	Sam Ignarski's Ezine on Marine & Transport Matters	Current issue
<a href="#">Cedre Newsletter</a>	News from Cedre in Brittany, France	December 2016
<a href="#">CROIERG Enews</a>	Canberra & Regions Oil Industry Emergency Response Group	Current issue
<a href="#">EMSA Newsletter</a>	News from the European Maritime Safety Agency	January 2017 issue
<a href="#">Environmental Technology Online</a>	Environmental Monitoring, Testing & Analysis	December 2016 issue
<a href="#">IMO News Magazine</a>	News from the International Maritime Organization	No 4, 2016
<a href="#">IMO Publishing News</a>	New and forthcoming IMO publications	November 2016
<a href="#">Intertanko Weekly News</a>	International news for the oil tanker community	January 13, 2017
<a href="#">JOIFF "The Catalyst"</a>	Int'l Organisation for Industrial Hazard Management	January 2017 issue
<a href="#">MOIG Newsletter</a>	News from the Mediterranean Oil Industry Group	January 2017 issue
<a href="#">NOWPAP Quarterly</a>	News from the North West Pacific Action Plan	Quarter 1, 2016 issue
<a href="#">Ocean Orbit</a>	Newsletter from the International Tanker Owners Pollution Federation	May 2016
<a href="#">OCIMF Newsletter</a>	News from the Oil Companies International Marine Forum	December 2016 issue
<a href="#">Pollution Online Newsletter</a>	News for prevention & control professionals	January 11 2017
<a href="#">Safe Seas, Clean Seas</a>	Quarterly Newsletter from Maritime New Zealand	December 2016 issue
<a href="#">Sea Alarm Foundation Newsletter</a>	Oiled wildlife Preparedness and Response news from Sea Alarm	Autumn 2015 issue
<a href="#">Technology Innovation News Survey</a>	News from US EPA – Contaminated Site Decontamination	November 16-30, 2016
<a href="#">Transport Canada Newsletter</a>	News and articles re transport of dangerous goods in Canada	December 2016 issue
<a href="#">USA EPA Tech Direct</a>	Remediation of contaminated soil and groundwater	January 1, 2017
<a href="#">USA EPA Tech News &amp; Trends</a>	Contaminated site clean-up information	Spring 2016 issue
<a href="#">WMU Newsletter</a>	News from the World Maritime University	December 2016 issue

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

## Upcoming events summary

COUNTRY	2017	TITLE OF EVENT	LOCATION
For more information click on Title of Event			
UK	January 16=20	<a href="#">IMO PPR Sub-Committee Meeting</a>	London
SWEDEN	January 18	<a href="#">Workshop - HELCOM Response Exercise Plan</a>	Stockholm
JAPAN	February 2	<a href="#">PAJ Oil Spill Workshop 2017</a>	Tokyo
MAURITANIA	February 7-9	<a href="#">GI WACAF National workshop and table-top exercise</a>	Nouakchott
UK	March 7	<a href="#">UK Spill Annual Members' Meeting and Dinner</a>	London
TUNISIA	March 14-15	<a href="#">Oil Spill Preparedness Workshop with OSRL</a>	Tunis
USA	March 28-30	<a href="#">2017 SCAA Annual Meeting &amp; Conference</a>	Washington DC
UAE	April 10-12	<a href="#">RECSO EnviroSpill 2017</a>	Abu Dhabi
SINGAPORE	April 25-28	<a href="#">10th Intl Chemical and Oil Pollution (ICOPCE)</a>	Singapore
USA	May 15-18	<a href="#">International Oil Spill Conference</a>	Long Beach CA
USA	June 27-28	<a href="#">Clean Waterways</a>	Louisville KY
CHINA	July 14	<a href="#">6th NOWPAP DELTA Exercise</a>	Weihai
<b>2018</b>			
UK	March 13-15	<a href="#">2018 INTERSPILL Conference and Exhibition</a>	London
To request posting of an event of interest to the Spill Response Community please send details to the Editor			

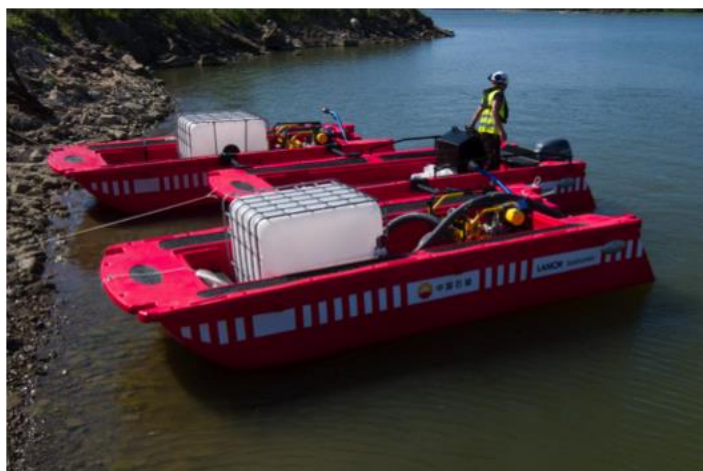
## Company news

### NATIONAL RESPONSE CORPORATION (NRC) ACQUIRES WATER TRUCK SERVICES, INC. (WTS)

January 10 - NRC is pleased to announce the acquisition of Water Truck Services, Inc. (WTS) of Sherwood, OR. Effective Friday, January 6, 2017, Water Truck Service and their experienced staff will join NRC's nationwide footprint. WTS has been a valued contractor in the Pacific Northwest and for many years has been providing sludge and waste water transfer and disposal services. The acquisition of WTS will bring additional waste treatment and disposal capabilities to NRC's business in the Pacific Northwest.

Founded in 1987, owner Bob Jonas has built WTS into a trusted service provider to the Portland, OR area. The WTS facility in Sherwood, OR has an enclosed transfer station with full containment capabilities with the capacity to fully process all waste product on site. In addition to waste transfer and disposal services, WTS offers sweeping, vacuuming, and other specialized environmental services. More info: <http://nrcc.com/>

### ISCO MEMBER, LAMOR CORPORATION RELEASES SEAHUNTER MULTIPURPOSE CONNECTABLE PLASTIC WORKBOAT



sun cover and trailer.

January 11 - The Lamor Seahunter can serve as a multiple use commercial platform or powered vessel. Each hull is designed to be connected together either at port, starboard or bow with simple lockable pins, or it can be used individually. It is ideal for working in marinas, swamps and transporting passengers along shoreline, rivers.

The catamaran shaped hull is manufactured in rotomolded thermo plastic (PE), which ensures durable and low maintenance surface. The hull can be equipped with up to a 50HP outboard engine. Additional options available include a steering console with hydraulic steering, electric start, trim/tilt, propeller protection guard, anti-skid material on all flooring, manual davit, tow bar, rear entry ladder, side ladder, cleats, railings,

The Lamor Seahunter can carry up to seven passengers and is easily transported on trailers, in trucks, containers etc. The hulls can also be stored on top of each other. Its hull weighs less than 1,000 pounds!



Dan Beyer General Manager of Lamor USA Corporation said: "I have successfully used the Seahunter in oil spill response operations and since my passion is fishing and hunting, I realized its value in transporting supplies, including 4 wheelers, and people to and from their sail boats in marinas, as well as a general work platform in secluded harbors, lakes and bays." *The Maritime Executive* [Read more and watch video](#)

---

### **ISCO MEMBER, IEMS WINS OSR SERVICE SUPPORT CONTRACT**

IEMS has announced that the company has been awarded a prime contract to provide response cover, maintenance, and sustainment of the terminals oil spill response capacity. The award, represents new work for IEMS, expanding the company's presence in ports and terminals.

IEMS equipment packages are now located within the terminal area, backed up by IEMS command and control centres in Cairo, Sharm El Sheikh and Abu Quir. <http://www.iems-uk.com/about-us>

## **Stop Press – Breaking News**

### **UN WARNS OF OIL SPILL SOUTH OF IRAQI CITY OF MOSUL**

January 15 - The United Nations has warned of an oil spill south of the Iraqi city of Mosul, near the town of Qayara that was retaken from ISIS terrorists some four months ago.

The warnings came in a report released this week on environmental damages caused by oil fires intentionally started by retreating ISIS terrorists.

UN satellite images published on Tuesday show environmental damage from the fires. The world body says 11 of the fires have been extinguished, but 29 continue to burn, sending thick black smoke into the air.

The report warns the spill, described as new, is close to a tributary of the Tigris River, which in turn could mean an oil leak into the key artery, and that parts of the spill are on fire.

---

Legal disclaimer: Whilst ISCO takes every care to ensure that information published in this newsletter is accurate unintentional mistakes can occur. No liability for consequences of errors is accepted but, if an error is brought to our attention, a correction will be printed in a following issue of this newsletter. Products and services featured in the ISCO Newsletter and/or the ISCO website, including the International Directory of Spill Response Supplies and Services, have not been tested, approved or endorsed by ISCO. Any claims made by suppliers of products or services are solely those of the suppliers and ISCO does not accept any liability for their accuracy. It should not be assumed that views and opinions expressed in linked reports, articles and other content reflect the views of the organization. Subscription is subject to acceptance of ISCO's Terms and Conditions as published on the website [www.spillcontrol.org](http://www.spillcontrol.org)

---