



Cedre NEWSLETTER

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by the Centre of Documentation, Research and
Experimentation on Accidental Water Pollution

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Cedre Information Day 2014

"Hazardous and noxious substances"

Tuesday 1st April 2014 in Paris

Registration is now open!

[Provisional programme](#) and [Registration form](#).

In short

Dates for the diary

- ▶ **INTERSPILL 2015**, 24-26 March 2015
Amsterdam, Netherlands
- ▶ **ARCOPOLplus**: the final project conference will be held in Vigo, on the premises of **CETMAR**, on 6th November 2013

Emergency Response

During October, *Cedre* was involved in many exercises, in some cases by joining crisis management units on site:

- "RAMOGEPOL" exercise at the departmental command centre in Ajaccio and the operational command centre in Bonifacio, Corsica,
- "POLMAR France-Morocco" exercise at the crisis management unit of the French Atlantic maritime authority (**PREMAR** Atlantique), and in other cases by providing remote assistance:
- "POLMAR French Polynesia" exercise
- "POLMAR Reunion" exercise
- **ICE** ring test run by the Austrian contact point (Vienna).

It was also called upon by the Civil Defence and Protection department (**SIDPC**) for Finistère following the sinking of a fishing boat in the port of Brigneau and the detection of a leak of diesel. It was also contacted by the **SIDPC** for Aude following the discovery of oil pollution on a beach in the commune of Leucate. Additionally, various inquiries on the **IMDG** code, the **GESAMP** classification of hazardous substances and regulations in force in the French waters on the release of blackwater were answered by the Emergency Response team.

Training courses

- ▶ **POLMAR** training course in Verdon-sur-Mer, on 1st & 2nd, 33 participants and Haute-Corse from 15th to 17th, 14 participants
- ▶ Marine pollution crisis management training course, session 2, from 7th to 10th, 19 participants
- ▶ Inshore spill response training course: session 4, from 30 September to 4 October, 20 participants and session 5, from 21st to 25th October, 17 participants
- ▶ **CEPPOL** basic pollution response training course: 15 October, 13 participants

Blow Out project

The Blow Out project ended with a closing meeting at the *École des Mines d'Alès* with a demonstration of the performances of the software developed. This software can be used to describe the rising of bubbles through the water column in the event of an accidental leak (pipeline rupture...), taking into account the rate at which the pollutant rises, the bubble shape and gas dissolution kinetics. The possibility of pursuing this project was discussed and, upon the request of the industry partners that funded the project, a proposal will be submitted at the next **CITEPH** meeting.

MOST project

The MOST project, led by **Alyotech** and conducted in partnership with **Météo-France** and **Nymphaea Environnement**, ended with a closing meeting in the Paris offices of GDF-Suez. The software developed through this project, which can be used to accurately describe the shape of a drifting slick from a remote sensing image, will ultimately be highly complementary with the **MOTHY** programme, in particular by detailing the geometry of slicks whose drift is to be modelled. The question of pursuing this work in order to make this complementarity fully operational was also raised.

Custom-made training courses in October

Upon request by the New Caledonia **AEM**, acting as the secretariat for the New Caledonia Spill Response Committee, *Cedre* ran 2 training courses for New Caledonia's administrations and industry: one practical course from 30 September to 4 October (22 participants) followed by one crisis management course from 7 to 11 October (25 participants).

In addition, Perenco contracted *Cedre* to run a training course on oil spill response techniques. This course was held

in Cameroon in 2 sessions, the second of which ran from 8 to 11 October. In total, 31 trainees took part in the sessions run in Douala, on the Perenco premises, and participated in the practical phases, with equipment deployment, organised on the shoreline near to Kribi ([Newsletter 215](#)). The following week, on 15 and 16 October, *Cedre* hosted the second session of the training course on "The use of surveillance systems for marine pollution detection and assessment", initiated by [EMSA](#), for around forty participants from EU member States (from Great Britain to Cyprus), plus Turkey. As a reminder, the first session, gathering the countries of Northern Europe, was held in Helsinki in late August ([Newsletter 216](#)). Finally, *Cedre* provided technical support to Surfrider Foundation Europe during the [POSOW](#) pilot training course which took place at the *Maison de la Mer* in Marseille on 23 and 24 October with contributions from [LPO](#) and [FOST](#), with the latter organising an equipment deployment exercise in the port of Berre.

Participation in seminars and symposiums

From 28 September to 1st October, upon invitation from Ubi France and the Taiwan Environment Protection Administration, the head of the Emergency Response Department attended a conference in Taipei on response to chemical spills at sea.

On 25 October, an agent from *Cedre* presented a conference on "Experts and different levels of expertise during a major spill" at the [SCIGRAD/PFM](#) symposium at [ENSTA](#) Bretagne.

ITAC meeting in Singapore

[ITAC](#) met in Singapore, on the [OSRL](#) premises, on 24 and 25 September 2013. The meeting was the opportunity to review many projects and actions launched by the oil industry following the Gulf of Mexico pollution, in particular research projects led by [OGP](#) and [IPIECA](#), and by [API](#) in the US, and actions undertaken by [GRN](#) within which Oil Spill Response Organizations (OSROs) jointly run 7 working groups covering 7 areas of spill response in which improvements have been called for. This meeting was the chance for OSRL to promote its leading position on a global scale. Dispersant were, as usual, a strong focus of the meeting, with presentations and discussions on the following themes: [NEBA](#), research in progress or scheduled on subsea injection, [EMSA's](#) position, the creation of global stockpiles, the selection and equipment of a new large plane for aerial spraying. Alongside deep-sea issues, Arctic aspects were hardly addressed in terms of research. However OSRL presented current reflection on operations that OSROs could conduct in the Arctic and the expected improvements in the medium term. At this meeting, *Cedre*, ExxonMobil and the University of Singapore presented some of their research activities, while [ITOPF](#), OSRL and [ACS](#) outlined their involvement in spills since the end of 2012 and Maritime New Zealand presented its specific remit. Finally, the visit of the OSRL Singapore base was the opportunity to discover the scale of the plugging and containment device for a leaking well. Four of these devices exist, two of which are associated with subsea dispersant injection systems. They will be stationed at different points around the globe for rapid intervention in case of a new incident like the Macondo spill.

ECCAS seminar on State action at sea

From 15 to 18 October, one of *Cedre's* Deputy Directors attended the fourth sub-regional training seminar on State action at sea in Libreville (Gabon). Organised by Kargus Sea Interconnection (KSI) for the [ECCAS](#) member States, this action came under the EU's second Peace and Security Programme (PAPS II) for the countries of the ECCAS. This seminar gathered together around forty representatives of 9 countries in this sub-region and followed on from the Pointe-Noire and Malabo seminars in 2012 and the Douala seminar in 2013. Fishing, piracy, port security, illegal immigration and spill response were the main themes addressed.

8th EMSA CTG MPPR in Lisbon

On 23rd October, one of *Cedre's* Deputy Directors attended the 8th meeting of [EMSA's](#) Consultative Technical Group for Marine Pollution Preparedness and Response. This meeting was the opportunity to review the agency's activities ([CleanSeaNet](#), Vessel Network, [Mar-ICE](#) Network, MAR-CIS, working groups, studies and guidance manuals) and to discuss incidents and exercises. *Cedre* presented the initial results of its work on *in situ* burning and the conclusions and recommendations on dispersant use in coastal areas that emerged from the [Discobiol](#) project. The two aerial observation courses organised jointly by the Finnish Environment Institute (SYKE) and *Cedre*, one in Helsinki in August and the other in Brest in October (see article on custom-made training courses) were highly appreciated. EMSA is to fund another course on this theme in 2014.

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