



## Cedre NEWSLETTER

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#### Emergency response

This month, Cedre was very involved in the consequences of the flooding which occurred in France in late May. In many places, fuel tanks and used engine oil storage facilities overflowed, contaminating natural environments and public areas, gardens and homes. We were called out to sites in Essonne, Seine-et-Marne and Yonne. Meanwhile, further assignments were carried out to monitor the progress of operations in Saint-Anne-sur-Brivet, Loire-Atlantique (Cedre Newsletters n°245 and 246).

We also received an enquiry from a shipping company on the fate of extinguishing waters loaded with heavy metals.

In terms of exercises, students at ENSOSP contacted us during two exercises, one involving ethanol and the other styrene and 2-chloropropionic acid. MRCC Rijeka (Croatia) made enquiries as part of a MAR-Ice exercise involving a petrol leak.

#### In short

##### Training courses

- ▶ From 6th to 10th June, inland waters practical training course, 11 participants
- ▶ From 13th to 17th June, ORSEC POLMAR-Land training course, 18 participants
- ▶ From 20th to 24th June, practical training course on response at sea and on the shoreline, 14 participants

##### Dates for the diary

- ▶ AMOP from 7th to 9th June in Halifax, Nova Scotia, Canada.
- ▶ Brest 2016: maritime event from 13th to 19th July. Cedre will be present as part of the "Quai des Sciences" initiative.
- ▶ Sea Tech Week from 10th to 14th October, Quartz Congress Centre, Brest.

#### Register for the 21st Cedre Information Day!

The 2016 Cedre Information Day, on the theme of "Remote Detection and Maritime Pollution", will be held on 13th October in Brest as part of the Sea Tech Week. A panel of internationally recognised experts will be there to share their experience and engage in discussion with the audience. To register, please visit [www.cedre.fr](http://www.cedre.fr).

#### A new page turned for Cedre's Management

On 30th June, Georges Peigné, Deputy Director and Manager of Cedre's Scientific and Technical Department, set off towards new horizons after 36 years of loyal service to the company. He was in charge of overseeing production activities. In this capacity, he coordinated and ran the Strategy Committee. Arnaud Guéna, Studies and Training Department Manager, who has been working at Cedre for 17 years, is taking over from him to carry out this important task.

#### French Atlantic Maritime Conference

Cedre's Director was invited to the *Conférence maritime régionale de l'Atlantique* organised on 8th June in La Rochelle by the Maritime Prefect for the Atlantic. The very interesting and rich discussions focused on two main themes: safety and management of potentially polluting wrecks. This day was also the opportunity for the Director to meet many of the Atlantic coast's stakeholders.

#### Climate, biodiversity, blue growth: what solutions for the Mediterranean?

On 27th June, as part of the Ocean Coalition under COP21 and the French National Conference for the Sea and Ocean, Ségolène Royal, French Minister of the Environment, Energy and the Sea, invited Cedre to take part in the seminar "Climate, biodiversity, blue growth: what solutions for the Mediterranean?". At this event held at the French National Navy Museum in the heart of the *Palais de Chaillot*, Paris, Cedre's Director presented the background and a review of deliberate discharges in the Mediterranean Sea as part of a round table debate. This seminar was the opportunity to meet Catherine Chabaud, Delegate for the Sea and Shoreline, Patrick Augier, Deputy Secretary General for the Sea, and Gabino Gonzalez, Director of REMPEC.

#### Visit from the Secretary General for the Sea

On 30th June, Cedre received a visit from Mr Vincent Bouvier, who recently took up appointment as Secretary General for the Sea. He was accompanied by Vice-Admiral Emmanuel de Oliveira, Maritime Prefect for the Atlantic. The Director presented Cedre and its missions as well as the response assignments currently in progress. A guided tour was organised and focused on the technical and operational facilities such as the emergency response centre, the laboratory, the experimentation hall and the green house, as well as the outdoor basin and man-made beach.

## Workshop on the long-term persistence of stranded oil

A few days in advance of the AMOP Technical Seminar, an agent from Cedre travelled to Port Hawkesbury (Nova Scotia, Canada) to attend a workshop organised by Owens Coastal Consultants and TrioX on the long-term persistence of stranded oil. Around thirty participants attended the conferences which focused in particular on the chemistry of oil and its fate in the environment, field surveys and shoreline geomorphology. The results of in situ experiments and monitoring programmes implemented following real spills were presented by a panel of scientists. Cedre presented the case of the *Erika*. A field trip was organised in relation to the *Arrow Spill* incident (1970). No clean-up operations had been conducted at the site visited, Black Duck Cove, following this spill. The background to the spill and the geomorphology of the site were presented. Over 40 years post-spill, heavy fuel oil is still present in the form of highly weathered residues.

## Trials in floating mesocosms

As part of a project devoted to chemicals' behaviour funded by the French Navy and the French Environment Ministry (MEEEM), Cedre conducted trials in floating mesocosms within Brest's military port in April, May and June. The purpose of these trials was to study the fate of three substances (texanol, butyl acrylate and 2-ethylhexanoic acid) when spilt at sea, by regularly sampling the surface slick, water column and atmosphere. The results obtained will help to fine-tune response strategies, generally established based on the physical and chemical properties determined in the laboratory, and to define the risks to which emergency response teams may be exposed. These trials were conducted in optimal conditions, notably thanks to logistical support from the French Navy, and in particular from CEPPOL.

## Training courses for ENSOSP

On 14th June, an engineer from the Studies and Training team gave a video conference, from Cedre's base in Brest, for 11 trainee fire officers at ENSOSP as part of their level 4 chemical risk management training. The aim was to present Cedre as well as feedback from past spills involving firefighters (SDIS).

## PNMI fishermen exercise

On 6th June, Cedre contributed, alongside PNMI, the local fisheries committee for Finistère and CEPPOL, to the deployment of several floating trawl systems for oil recovery. Several line fishermen from Douarnenez observed the assembly phases for the various models and implemented them on the water near the Rosmeur jetty in the port of Douarnenez (Finistère). This initiative was part of a sustainable development contract between fishermen and the PNMI. The deployment of spill response surface trawls, more frequently deployed by trawlers, was tested this time with line fishing vessels, with conclusive results. This day was possible thanks to collaboration with CEPPOL and all the participants gathered for lunch on the premises of SNSM. A similar initiative could soon be implemented in the northern section of the PNMI area.

## POLMAR-Land activities

As part of preparations for the upcoming ORSEC POLMAR-Land exercise due to be held in the Côtes-d'Armor area in late September 2016, the DDTM for the Côtes-d'Armor area organised a training day on 28th June for 40 representatives of coastal municipalities, jointly run by Cerema, the Prefecture for the Côtes-d'Armor, DDTM 22, Vigipol and Cedre. The departmental POLMAR correspondent presented the exercise which will be held at the *Port des hôpitaux* and *Plage des sables d'or* near Erquy. A practical training course on shoreline clean-up will be run the day before the exercise.

The DDTM for Pas-de-Calais organised a two-day training course on 7th and 8th June at the interdepartmental POLMAR storage centre in Dunkirk. Some twenty participants from local councils, the French Marine Protected Areas Agency, the DDTMs for the Nord and Pas-de-Calais areas were trained in the POLMAR system and shoreline clean-up techniques.

## Exercise for the Northern Defence and Safety Zone

On 31st May and 1st June, at the request of the Northern Defence and Safety Zone, Cedre contributed with that one and Cerema to the arrangement and the animation of an exercise for focusing on the activation of the POLMAR framework agreements. This zone exercise was the opportunity for the various stakeholders (EMIZ, DREAL for Nord-Pas-de-Calais Picardie, DDTMs for Nord and Pas-de-Calais, interdepartmental POLMAR storage centres in Dunkirk and Le Havre) to familiarise themselves with the elements required for public contracts ahead of time, to test the reaction times of the selected contractors as well as the payment of these companies via the POLMAR fund.

## Guadeloupe SARA training

Upon request by the management of the HSE/CI division at SARA and its Training department, a practical oil spill response training course was run by Cedre in Guadeloupe. This course was intended for personnel at the storage facilities in Jarry, Dégrad-des-Cannes and Kourou-Pariacabo and the refinery in Le Lamentin and was held from 31st May to 3rd June at the Jarry storage facility in Pointe-à-Pitre. The aim was to provide participants with concrete, hands-on knowledge of clean-up site organisation and of the response techniques and equipment to be deployed in the event of a spill. The 14 participants had the chance to put into practice the principles presented during the theory lectures through two exercises: the first simulating an overflowing tank and the second a spill at a wharf.