

SUBREGIONAL TRAINING COURSE ON NEW DEVELOPMENTS IN SHORELINE CLEAN-UP TECHNIQUES

MALTA, 14-16 November 2000

TRAINING COURSE REPORT

PREAMBLE

The “Subregional Training Course on New Developments in Shoreline clean-up techniques in the event of an accidental oil pollution” held in Malta from 14-16 November 2000, was organised by REMPEC (Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea) in the framework of the programme LIFE (TCY96/INT/08) for the « Development of oil spill response capabilities of Cyprus, Egypt and Israel ».

The course included 17 lectures. REMPEC entrusted CEDRE (Centre de Documentation, de Recherche et d’Expérimentations sur les pollutions accidentelles des eaux) to present 15 lectures and co-present an other one. CEDRE was expected to deliver a course essentially based on the experience gained and the lessons learnt in the wake of the *Erika* oil spill.

TRAINING COURSE ORGANISATION

The training course organisation was shared between REMPEC and CEDRE.

REMPEC attended to all of the logistics prior to and during the course (contacts with the representatives of the three countries concerned, transport, hotel accommodation, meals, conference room). One of REMPEC experts presented a lecture and co-presented an other one and was responsible for conducting the course with the help of a second person who took care of secretarial duties and settled a number of logistic aspects. Moreover, REMPEC contributed to the final design of the programme that CEDRE had established by focusing on the *Erika* incident.

CEDRE was entrusted with the teaching aspects of the training course. Prior to the course, and in addition to designing the programme (cf. pages 5-7), CEDRE designed and produced course materials (cf. page 16 and following). During the course, two (2) CEDRE experts presented the majority of the lectures and steered the course (questions/answers, delegate feedback and panel discussion). Finally, CEDRE is in charge of producing the training course report.

REMPEC required that the lectures be based on visual aids (slides, transparencies and power-point presentations in English) and integrate the lessons learnt from the *Erika* oil spill. The preparation of the lectures required much time as to integrate data and illustrations as recent as possible.

THE COURSE

Delegates

Initially, the course was expecting five (5) delegates of each following country: Cyprus, Israel and Egypt, namely 15 participants. The delegates from Egypt did not attend the course. A list of the participants including their professional address and telephone number is enclosed herewith (pages 8 to 10). An attendance sheet duly completed by the delegates is also enclosed (page 11).

Four (4) delegates from Cyprus represented the « Department of Fisheries and Marine Research » of the Ministry of Agriculture, Natural Resources and the Environment. One delegate represented Cyprus oil refinery.

Israel delegates represented the Ministry of the Environment and more particularly the « Marine and Coastal Environment Division » and the Environment Inspection Patrols.

Logistics

The delegates and speakers arrived in Malta on the day before the course. The « Sliema Hotel » provided the accommodation, meals and conference room.

The conference room did not suit our needs. In fact, it seemed to be an ordinary room cleared of its furniture and the size of which allowed hardly to welcome 10 delegates and would not anyway have allowed to welcome 15 of them as expected initially.

This room did not either allow to use simultaneously a number of teaching aids (slides, transparencies and power-point presentations) and speakers had to reorganize their lectures accordingly. The delegates underlined these lacks during the panel discussion on the final day, but the quality of the teaching seemed to them very satisfactory.

Teaching aspects

The workday started at 9:00 a.m. and ended at 4:45 p.m. and included coffee breaks and lunch (cf. training course programme here enclosed).

The course language was English. The lectures, of an average duration between half a hour and one hour covered the topics by focussing on the experience gained during the *Erika* oil spill. Delegates particularly appreciated such a practical approach as the marks appearing in the table on next page show.

Evaluation sheets were handed to the delegates together with a copy of written course materials (cf. blank sheets pages 12-14). Unfortunately, the delegates wrote no observations and the sheets only state marks. This is why we decided not to include them in the report. The marks are gathered in the table hereafter.

Lectures	Average mark (average of 10 individual marks)	
	Substance	Form
General principles of the response to oil pollution	4,8	5
A disciplined approach to shoreline clean-up	4,6	5
Case study on an oil pollution at sea	4,7	4,9
Before shoreline clean-up: intervention in shallow waters. Using dispersing agents: the new limits and NEBA concept	4,1	4,5
Protection of the shoreline: floating and stranding booms	4,4	4,5
Shoreline clean-up: « How clean is clean? », a new concept for shoreline clean-up decision	4,3	4,5
Oils spill shoreline survey	4,6	4,6
What issues for bioremediation in 2000	CANCELLED	
Oil recovery methods in coastal areas	4,7	4,6
Sand and pebble beaches restoration including intervention on marshland and estuaries	4,5	4,5
Clean-up of rocks and structures on coasts and in ports	4,7	4,8
Using and implementing recovery agents: absorbing agents, gelling products, other treatment products, desmulsifiers	4,5	4,6
Health and safety on the work site	4,5	4,7
Men and equipment decontamination	4,9	4,8
Wastes recovery, transport and storage	4,9	4,9
Wastes treatment and disposal	4,8	4,9
Emergency planning for shoreline area: using of new multimedia techniques	4,6	4,9
GLOBAL NOTATION	4,6	4,73

Lectures Evaluation (from 1 to 5)

1 = poor 2 = below average 3 = average 4 = good 5 = excellent

The lectures average marks are 4,6/5 for the Substance and 4,73/5 for the Form. All the conferences were judged good or excellent. The total average mark is 4,66/5, namely **18,66/20**.

This excellent appreciation shows the delegates satisfaction as regards the teaching aspects of the course. The logistics was not the object of a notation.

During the panel discussion on the final day the delegates underlined the quality of the teaching on both the topics and their presentation. The following points were highlighted as the main lessons drawn from the training session:

- The need for Israel and Cyprus to revise their contingency plan.
- The lack of resources (staff and equipment) of these countries to face a major incident as that of the *Erika*.
- “Crisis management” should be given more attention in their national contingency plans.
- The importance of an international co-operation and the need for experience sharing.

Other observations show that the delegates wished that the training course had taken place in France to allow them to visit the clean up sites dotted along the seaboard impacted by the *Erika* oil spill, and have the opportunity to attend demonstrations, particularly on CEDRE technical facilities.

Closure of the training course

A closing address by Mr. Roberto Patruno, Director of REMPEC, ended the training session. Each delegate received a certificate signed by Mr. Patruno and Mr. Girin, Director of CEDRE, certifying his participation in the training course. A blank copy of the certificate is enclosed herewith (page 15).

Other aspects

For CEDRE, the training course was an excellent occasion to meet and start to tie relations with the successor of Mr. Elik ADLER, Mr. Rani AMIR, recently appointed Head of the "Navy and Coastal Environment Division" of the Israeli Department of the Environment. Mr. Rani AMIR had just taken up his duties and showed a great interest in the course through his numerous questions to the speakers. This exchange was beneficial to the trainers too.

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ON NEW DEVELOPMENTS IN SHORELINE CLEAN-UP TECHNIQUES**

Sliema, Malta, 14 - 16 November 2000

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