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**REGIONAL MARINE POLLUTION EMERGENCY  
RESPONSE CENTRE FOR THE MEDITERRANEAN SEA  
(REMPEC)**



**MEDITERRANEAN ACTION PLAN**

**NATIONAL TRAINING COURSE  
ON THE USE OF SIMPLIFIED METHODOLOGY FOR  
RISK ASSESSMENT AND ON EMERGENCY RESPONSE  
IN CASES OF HNS ACCIDENTS IN PORT AREAS OF  
MERSIN AND ISKENDERUN, TURKEY**

**Mersin, Turkey  
7-10 June 2004**

**REPORT**



**JUNE 2004**

**NATIONAL TRAINING COURSE**  
**ON THE USE OF SIMPLIFIED METHODOLOGY FOR RISK ASSESSMENT AND ON**  
**EMERGENCY RESPONSE IN CASES OF HNS ACCIDENTS**  
**IN PORT AREAS OF MERSIN AND ISKENDERUN**

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**REPORT**

**INTRODUCTION**

1. A national Course for managers and high level government officials from national administration, ports and industry personnel assigned with duties related to risk assessment and emergency response in case of accidental spills /releases from other than oil hazardous and noxious substances (HNS) in ports areas of Mersin and Iskenderun , was held in Mersin ,Turkey, between 7 and 10 June 2004. The National Course was organized by REMPEC , in co-operation with the Ministry of Environment and Forestry of Turkey and other relevant Turkish authorities as part of the on-going programme of activities of the Centre. It was financed by the funds allocated for this purpose in the Centre's budget.

2. The national Course was conceived as a set of basic HNS modules intended for training of managers and other senior officials, taking account of relevant materials available on HNS training as well as the requirements of Level 3 IMO OPRC model-training course on oil spill preparedness and response. The duration of the course was four days. The aim of the Course, attended by thirty eight (38) managers and high level government officials from national administration, ports and industry personnel, was to familiarize the participants with the use of the "risk assessment study" developed in the framework of Life Project 98 TCY/RT/011 and to train them in basic emergency response when dealing with HNS spills/releases in Mersin and Iskenderun ports . .The majority of participants came from the Turkish public sector, including representatives from the Ministry of Environment and Forestry (MOEF), TCDD/Port Department , the Undersecretariat for Maritime Affairs from Ankara, the Turkish Coast Guard Command in Mersin, provisional Directorates of MOEF in Mersin, Iskenderun and Antakya/Hatay, the Harbour masters' of Mersin and Iskenderun , the coastal safety and salvage organisation (Istanbul) , port management authorities. Representatives from important Turkish oil/chemical terminal operators in the port areas of Mersin and Iskenderun also participated .

3 The seminar was organised on the basis of the results of Phase 1 of the EC financed Life Third Countries Project (LIFE 98 TCY/RT/011) *for Risk assessment of the ports of Mersin and Iskenderun, Turkey and associated capacity building for the state of readiness and for response to marine pollution*, which was carried out between September 2000 and June 2002 by REMPEC in collaboration with the Turkish competent national authorities. A "Risk Assessment Study" including a simplified methodology for quantifying and assessing risks posed by oil and other than oil hazardous and noxious substances (HNS) in the ports of Mersin and Iskenderun, was produced as the result of the project and delivered to the Turkish authorities in 2003.

4 In fact, the Course was aimed at improving the level of awareness /preparation

among government officials from national administration, ports and industry of problems related to risk assessment and response to HNS accidents, and at providing the participants with basic knowledge in dealing with HNS spills/releases in port areas . Indeed, by the end of the course the participants familiarized themselves with risk assessment and decision-making during a two days practical session , with hand on training on the use of REMPEC developed 2003 Mediterranean Integrated Decision Support Information System (MIDSIS-TROCS , version 1.0).The seminar concluded with two exercises , based on scenarios reflecting the situation in each of the two ports.

## **ORGANIZATION OF THE SEMINAR**

6. The Ministry of Environment and Forestry of Turkey, being the competent national authority in charge of the follow-up of the implementation of the Prevention and Emergency Protocol (Governmental Focal Point) , was responsible for the selection and invitation of the participants . The Turkish administration's responsibilities also included making necessary logistic and administrative arrangements and providing secretarial services for the Course, provision of five portable PCs as workstations for the participants, which were used during the exercises including Internet access facility. In addition, accommodation was provided by the Turkish authorities for the participants as necessary. Subsistence including coffee breaks were provided for all the participants. The arrangements were excellently co-ordinated by Mr. Sedat Kadioglu, Deputy General Director of the Ministry of Environment and Forestry of Turkey, and Mrs. Meryem Arslan, Course Co-ordinator, from the same Ministry, who were in charge of making necessary arrangements within Turkey and liaising with other Turkish authorities, on behalf of the host country. Instrumental to the success of the Seminar in terms of organisational arrangements made locally was the support given by the Director ,Mr. Recep Metin and Ms. Sevi Nejire Akin ,Engineer from Mersin Provisional Directorate of the Ministry of Environment and Forestry of Turkey.
7. The Course was held in a meeting room kindly provided by Mersin Port Authority in Mersin.
8. REMPEC covered the cost of simultaneous interpretation from English to Turkish at the Course, the cost of hiring and transportation of the interpretation equipment from Ankara, as well as provision of Course manuals (folders) and reproduction of training materials for the participants.
9. REMPEC acted as the official point of contact with the national authorities and liaised with them on the dates and venue of the seminar and the identification of the appropriate participants. REMPEC prepared the Course programme, which was approved by the Turkish authorities.
10. Cdr. Elias Sampatakakis, Programme Officer (HNS) was in charge of the organization and of ensuring the smooth running of the Seminar.
11. REMPEC provided all the participants with a the training manual that included the printouts of lectures presented by REMPEC and the external lecturers ,whilst practicable hand-on and supplementary information delivered to the participants during the exercises .
12. The seminar was conducted in English language with simultaneous interpretation from English into Turkish and vice versa.
13. The vast majority of participants who attended the course came from the Turkish national administration , were senior civil servants dealing with environmental protection and safety, engineers ,chief inspectors , civil defend specialists ,salvage masters (29 out of 38) from various Ministries and governmental departments ,the local /regional environmental agencies, from port management authorities from the two ports and the Turkish Coast Guard . These were managers including senior officials from the Ministry of Environment and Forestry (MOEF), TCDD/Port Department , the Undersecretariat for Maritime Affairs, from Ankara, the Turkish Coast Guard Command in Mersin, provisional Directorates of MOEF in Mersin, Iskenderun and Antakya/Hatay, the Harbour masters' of Mersin and Iskenderun , management authorities from these ports, including salvage masters from the coastal safety and salvage organisation (Istanbul) Nine were representatives including safety/terminal

chiefs of important Turkish oil/chemical operators in the port areas of Mersin and Iskenderun

The list of participants is given in **ANNEX I**.

### **PROCEEDINGS OF THE SEMINAR**

14. Taking account of the senior level of the participants , the seminar was aimed at:

- providing the participants with the basic knowledge in dealing with HNS spills/releases;
- informing them on the existing regional and global legal regimes in the fields of co-operation, preparedness, response and compensation in case of accidental HNS spills/releases
- increasing the level of awareness of problems related to risk assessment and response to HNS accidents in port areas;
- familiarizing the trainees with the outcome of “Risk Assessment Study” produced in the framework of the above-mentioned Life Project as well at training them in decision making, when dealing with HNS spills/releases , based on the use of REMPEC developed **2003 Mediterranean Integrated Decision Support Information System (MIDSIS-TROCS)** , developed by REMPEC .

15. In order to achieve these objectives, REMPEC prepared a seminar programme, which comprised fourteen (14) lectures, all of which were illustrated by various visual aids (PowerPoint presentations). A copy of the seminar programme in English is reproduced in **ANNEX II**.

16. The seminar concluded by two exercises , the aim of which was for trainees to prepare and implement an action plan to control an HNS release , resulting from simulated emergency conditions in the Mersin and Iskenderun ports, and to decide from the tactical and policy point of view, what equipment and resources should be mobilised and eventually deployed at the area of each port , with the aim of controlling the incident ,including practical measures taken to respond to the released HNS cargoes.

17. The lectures were given by a team of three lecturers. REMPEC provided one lecturer, the Programme Officer (HNS) Cdr. Elias Sampatakakis. Mr.Nick Bailey ,Chemical Incident Response Manager from DV Howells (UK) and Contract Manager for UK Government HNS Marine Response Team and Mr.Mark East ,approved IMO trainer that currently heads the UK SAPIRA Risk Management Group ,which provides HNS –related consultancy services in UK lectured at the Seminar on issues related to characteristics of global HNS trade , hazards assessment of chemicals, management of risks as well as emergency response to HNS releases, safety at spill site and environmental consequences of chemical spills. REMPEC covered the cost (fees, travel and subsistence) of the participation in the Seminar of the external lecturers . The list of presentations is attached in **ANNEX III**.

18. REMPEC provided each participant with a folder containing copies of all PowerPoint presentations delivered by the speakers, as well as a supplementary information handed over during the tabletop exercises.

19. Mr. Ibrahim SEKER ,Deputy Governor, City of Mersin, opened the seminar on behalf of the host country at 09.30 h on 07 June 2004. He thanked REMPEC for the organisation of this seminar in Turkey and expressed his wish all participants to be benefited a lot in the their day-to-day work as a result of the present training activity. He also expressed the opinion that in principle similar activities should not be carried out in the period June-September unless it is absolutely necessary.

20. Mr. Sedat Kadioglu, Deputy General Director of the Ministry of Environment and Forestry of Turkey , also welcomed the participants and thanked REMPEC for the continuous support given to Turkey and for organising this training activity in Mersin.

21. In his opening address the Director of REMPEC, R. Admiral R. Patruno, referred to recent developments within the neighbouring Northern Adriatic region in the framework of the Adriatic Ionian Initiative, which included *inter alia* the preparation of a sub-regional agreement related to prevention of pollution from ships and to preparedness and response to accidental marine pollution, a sub-regional contingency plan, as well as improved coastal management activities in that region. He also recalled the outcome of the Ministerial Meeting of the Adriatic Ionian Initiative held in Slovenia in October 2003, which called for the extension of the future Sub-regional agreement for the Northern Adriatic to the south. He also emphasized that this objective met the full support of the Centre and could only be achieved with the active participation of all countries in the region.

22. However, he indicated that in order to have a realistic possibility to extend that sub-regional agreement, it was necessary that all participating countries should have in place necessary preparedness and response arrangements, including an approved national contingency plan and a minimum level of pre-positioned anti-pollution means and equipment to effectively respond to marine pollution incidents caused by oil.

23. Admiral Patruno also outlined main activities undertaken and/or envisaged by REMPEC in the context of the new Prevention and Emergency Protocol, including the recent evaluation of the Port Reception Facilities in Albania by the Consultant. This activity was organized by REMPEC with the financial support of IMO with a view to complementing the EC-MEDA Project on port reception facilities in the Mediterranean countries being currently carried out by REMPEC.

## **EVALUATION OF THE SEMINAR**

24. The seminar was aimed at senior administrators in the Albanian administration and senior managers in the shipping and petroleum industries. To a large extent the participants were of the senior level expected, although there was no actual participation of representatives from the petroleum sector in Albania.

25. There was a high degree of active participation manifested, in particular, by the level of questions and interaction between lecturers and trainees during the presentations.

26. On the last day of the Seminar, the participants were asked to fill in a "Course Evaluation Form" prepared by REMPEC in English. These were aimed at obtaining an assessment of the seminar, but also at gathering suggestions that could be used for planning future training activities.

27. The Evaluation Form, prepared by REMPEC, did not include the name of the participants in order to obtain as objective and sincere replies as possible. A specimen of the "Course Evaluation Form" is given in **ANNEX VI**.

28. Out of 27 participants 20 returned dully filled in evaluation forms. Three of them made their remarks /recommendations in Albanian only.

29. A clear majority of the participants (80%) confirmed that the course went beyond their expectations and the remaining (20%) indicated that it met their expectations. It was made clear therefore that the lectures and seminar proceedings were much appreciated by the Albanian participants. All participants (100%) judged the lectures, their visual support and documents distributed as very helpful, interesting and informative, while (25%) of the participants found the lectures not long enough, thereby indicating the need to put more emphasis on basic aspects of how to deal with accidental marine pollution and respond to it, when it comes to organising a future training activity in the country, with a possible longer duration. This was also evident by their responses to the question regarding the sessions that were most helpful, where the vast majority of the responders indicated the lectures given on day 1 and 2 (legal framework and general introduction on marine pollution - Day 1, followed by Day 2 presentations on responses to spills at sea and onshore as well as organisation of spill response). It is noted that two of the responders to the Evaluation Form found the topics related to preparation and presentation of claims for compensation for oil pollution damage as quite advanced.

30. All participants indicated that either they were "very satisfied" (85%) or "satisfied" (15%) with the level of the Seminar.

### **ROUND TABLE DISCUSSION CONCLUSIONS**

31. The final day (Day 3) of the seminar started with a presentation of the current situation in Albania regarding preparedness and response to accidental marine pollution, delivered by the Deputy Minister of Environment of Albania, Dr. Besnik Baraj.

32. Dr. Baraj first presented a case study of a marine pollution incident caused by HNS (sulphuric acid) that occurred in a port in Rio Grande, Brazil in 1998 and which was used as an example to emphasize the importance of strengthening the co-operation at the regional level, taking into consideration the current situation and needs of Albania in terms of developing marine pollution response capabilities.

33. He then presented the national legal framework indicating that Albania ratified the Barcelona Convention and five out of its six existing Protocols, while the new Prevention and Emergency Protocol was currently in the process of ratification which was envisaged to be finalized soon. He underlined that the Ministry of Environment of Albania is a new Ministry that was created just three years ago, and in his opinion certain deficiencies in terms of organizational structure and technical capabilities/expertise as well as the problem of restricted human resources, caused difficulties in implementing the existing legislation, co-ordination among various national authorities involved, and monitoring waste streams generated by shipping-related activities in Albanian ports.

34. Dr. Baraj also stressed the importance of raising awareness and education among people in Albania as a matter of priority, since it was strictly related to the health and well being of all the population. Regarding contingency planning, he stressed that at present due to the lack of any structured organization and planning for oil spill response, the national authorities simply resorted to improvised solutions in cases of dangerous occurrences. However, by concluding bilateral agreements with neighbouring countries and by co-operating in the framework of existing regional arrangements as far as MAP and REMPEC are concerned, the national authorities could be in position to develop plans and set up the necessary structures to respond to such emergencies, including those caused by natural disasters. It meant that Albania should make use of the knowledge, experience and means available in other countries as a starting point. In this regard Albania should, with the support of neighbouring countries and of REMPEC in particular, as a priority identify low-risk tasks and develop a modest plan of preliminary activities with assured follow up at the national

level. The final goal of such activities would be the setting up of national capabilities to respond to accidental marine pollution caused by sea-based sources.

35. Admiral Patruno added that in his opinion complementary activities should be identified as a priority in the field of marine environmental protection in Albania, focusing on the following three areas:

- Improving the level of awareness/preparation of the relevant authorities in the field of prevention of marine pollution from ships, preparedness for and response to accidental marine pollution ;
- A keen interest to be expressed and active participation to be sought after within the country on activities carried out at the regional level, in the Adriatic and in the Mediterranean Sea as a whole. There was a need for the country to be more active and proactive in this field and to clearly demonstrate and provide proof to important regional/international partners that there was the will at the national level to achieve the overall objectives and targets set within a reasonable timeframe;
- Start implementing the existing legal mechanisms and policies at national level.

36. The round table debate on future strategy /action list of priority issues, which followed the completion of presentations on 26 November 2003, was chaired by Mr. Xhaxhiu and Admiral Patruno. The first part of the round table debate was chaired by Mr. Baraj and Admiral Patruno respectively. A considerable number of participants representing various authorities took active part in the discussion as well as the REMPEC representatives and the representative of the IOPC Fund.

37. A number of issues related to difficulties encountered in establishing co-operation among the various national authorities involved in the implementation of existing legal mechanisms, were also raised, thereby emphasizing a lack of co-ordination among competent authorities.

38. At this point of the discussion, Admiral Patruno indicated that in the context of the preparation of a draft national contingency plan, for preparedness and response to accidental marine pollution by oil, it was of paramount importance to make a provision for setting up a National Committee, empowered to deal with emergencies, and tasked with maintaining the overall co-ordination, facilitating co-operation and representing a strong link, keeping together all competent national authorities involved (Ministry of Environment, Ministry of Transport, port authorities, Harbour Masters and Navy Fleet Command). This arrangement would further aim at educating and training emergency response personnel and at preparing and implementing an approved contingency plan with the view to eventually set up national capabilities to respond to accidental marine pollution in a coordinated and efficient way in Albania.

39. R. Admiral Patruno also stressed that if environmental protection was to remain a priority field of activity, in the general context of economic development (i.e. tourist and fishing industries), the aim should be to seek and attain sustainability and consistency between environmental protection and economic development. The principle of sustainability should always be applied in all activities envisaged to be carried out or implemented in this regard.

40. The Chief of Staff of Naval Forces of the Albanian Navy, Captain Xhaferraj, informed the participants that since April 2002 the Albanian Navy has been assigned with Coast Guard duties, although this function is not yet fully operational. He also mentioned that according to a bilateral agreement with his Italian counterparts, a Project was going to be materialized with



the Italian financial support, starting from 2004, in the frame of which delivery of two vessels fully equipped to deal with marine pollution emergencies was envisaged to take place by 2005.

41. Mr. Maloku, from the Ministry of Transport of Albania, informed the participants that a set of legal instruments, needed in order to ratify a number of important international Conventions i.e. SOLAS 1974/1978, was under preparation in consultation with the other Ministries involved. He also mentioned that a new Legal Act on the Role and Responsibilities of the General Harbour Master and Harbour Masters Offices was also under preparation with the aim to be adopted by the Albanian Parliament next year.

42. A number of issues related to the need for practical exercises, training of response personnel as well as effecting international assistance in cases of emergencies were also discussed and clarified. It was emphasized that table-top oil spill exercises and real oil spill response exercises with mobilization of the necessary response personnel and anti-pollution means and equipment, basically represent the conclusion/outcome of a lengthy process, in the framework of e.g. a Life Third Countries Project of a certain duration.

43. In addition, these issues along with some purely technical questions raised by the participants, should serve as a basis for planning and carrying out certain training activities within the country, aimed at *inter alia* training of on-scene commanders, responsible for conducting and co-ordinating marine pollution response operations at sea, as well as at training of operators and users of oil pollution response equipment.

44. In conclusion, after a lengthy and lively round table discussion, the following issues were identified as a priority in order to develop a future strategy/action list for Albania:

- Setting up the National Committee as described above;
- To consider and examine in close collaboration with REMPEC whether another mission to Albania, by an external consultant under agreed Terms of Reference is needed next year, taking account of the proposals and recommendations related to assessment of the current situation with regard to the establishment of Albanian Maritime Administration reached in the framework of IMO mission in the country in May 2003, and in light of the outcome of the recent evaluation of the Port Reception Facilities in Albania by the Consultant appointed by REMPEC .

45. As a follow up, an Action Plan could be agreed upon to be implemented during 2004 as well as in the years to come. This should be focusing, *inter alia*, on identifying low-risk tasks to be possibly presented in a future LIFE Project proposal with a reasonable budget and of a maximum duration of 2 years, and with assured follow up at the national level, aimed at eventually developing the national capacities for responding to accidental marine pollution. At the end of this lengthy process, it would be possible to test the efficiency of the national system to be developed, in the framework of the said Life Third Countries project, through a real scale oil spill exercises.

#### **Closing ceremony/Presentation of Certificates**

46. On behalf of the host country Mr Ibrahim Seker , Deputy Governor, City of Mersin, thanked all participants for their active participation in the national seminar, which proved to be very successful. He also thanked the organizers and in particular REMPEC representative for their valuable contribution and support, which were instrumental to the success of the national Seminar.

47. REMPEC's representative , thanked all those present for their active and effective contribution to the Seminar and emphasized that the Centre intends to continue supporting initiatives within Turkey with a view to assisting the competent national authorities, in eventually setting up a preparedness and response system at these ports. He also mentioned

that this national seminar was one of the few ever organized by REMPEC within the Mediterranean region, which was entirely devoted to risk assessment and emergency response by other than oil harmful and hazardous substances (HNS ).

48. Mr Ibrahim Seker ,Deputy Governor, City of Mersin and Cdr.Elias Sampatakakis, REMPEC's representative, presented participants with numbered Certificates, which had been prepared by REMPEC. A copy of the specimen of the Certificate is given in **ANNEX VII**.

49. Mr Seker declared the Seminar closed on 10 June 2004 at 13.00 .

50. On the kind invitation of the port authority of Mersin, all participants embarked on a tug boat , for a brief tour around the Mersin port area.

## ANNEX I

### List of Participants

#### List of participants

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**22 Surname:** GÜRSES **Certificate Number:** 002331

**Name:** Necmi

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- 27 Surname: KÖŞKER Certificate Number: 002336**  
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- 28 Surname: KUMOVA Certificate Number: 002337**  
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- 29 Surname: KURTULAN Certificate Number: 002338**  
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**31 Surname:** METİN **Certificate Number:** 002340  
**Name:** Recep  
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**32 Surname:** ŞANAL **Certificate Number:** 002341  
**Name:** Hasan  
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**33 Surname:** ŞENCİL **Certificate Number:** 002342  
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**34 Surname:** ŞENER **Certificate Number:** 002343  
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**35 Surname:** TURAN **Certificate Number:** 002344  
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**36 Surname: YALAMAOĞLU Certificate Number: 002345**

**Name: Muzaffer**

**Function: Terminal Chief**

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**37 Surname: YENER Certificate Number: 002346**

**Name: Engür**

**Function: Chemical Engineer**

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**38 Surname: YILDIRIM Certificate Number: 002347**

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**Function: Asistance of Manager**

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**39 Surname:** YÜCELEN **Certificate Number:** 002348  
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## ANNEX II

### NATIONAL TRAINING COURSE ON THE USE OF SIMPLIFIED METHODOLOGY FOR RISK ASSESSMENT AND ON EMERGENCY RESPONSE IN CASES OF HNS ACCIDENTS IN PORT AREAS OF MERSIN AND ISKENDERUN

Mersin , Turkey, 7- 10 June 2004

#### FINAL PROGRAMME

#### DAY 1

##### MORNING SESSION

0900 - 09.30	Registration of participants	
09.30 - 09.45	Opening ceremony	Turkish Authorities / REMPEC
09.45 - 10.00	Introduction to the Training course/ objectives / programme / logistics	REMPEC
10.00 - 10.30	Legal framework for the International co-operation in the Mediterranean region - Barcelona Convention - Prevention and Emergency Protocol - REMPEC	Cdr.E.Sampatakakis (REMPEC)
10.30 - 11.00	Global framework for co-operation in the field of preparedness and response / - OPRC-HNS Protocol - HNS Convention	Cdr.E.Sampatakakis (REMPEC)
11.00 - 11.15	<i>Coffee break</i>	
11.15 - 11.45	Introduction to HNS and their transport-	N.Bailey (DV Howells)
11.45 - 12.00	The Mediterranean perspective	Cdr.E.Sampatakakis
12.00 - 12.45	Hazards of chemicals Howells)	N.Bailey (DV
12.45 - 14.15	<i>Lunch</i>	

##### AFTERNOON SESSION

14.15 - 15.00	Assessing hazards of chemicals spilled at sea Howells)	N.Bailey (DV
15.00 - 15.45	Behaviour of chemicals after accidental release	N.Bailey (DV Howells)
15.45 - 16.00	<i>Coffee break</i>	
16.00 - 16.45 Howells)	Risk prioritisation /management of risks posed by chemicals	N.Bailey (DV
16.45 - 17.15	Discussion	REMPEC Lecturer(s) Participants

**DAY 2****MORNING SESSION**

09.30 - 10.15	Risk Assessment Methodology (Project <b>LIFE 98 TCY/TR/011</b> )	Cdr.E.Sampatakakis
10.15 - 11.00	Emergency response to chemical spills / Part1 Internat.)	M. East (Sapira
11.00 - 11.15	<i>Coffee Break</i>	
11.15 - 12.00	Emergency response to chemical spills / Part 2 Internat.) Containment and control of accidental spills	M. East (Sapira
12.00 -12. 45	Safety at spill site Internat.) Protection of response personnel Protection of the population	M. East (Sapira

12.45 – 14.15

*Lunch***AFTERNOON SESSION**

14.15 - 15.00	Environmental consequences of chemical spills Internat.)	M. East (Sapira
15.00 - 15.45	Introduction to the Mediterranean Integrated Decision Support and Information System (MIDSIS-TROCS), developed by REMPEC	E. Sampatakakis
15.45 - 16.00	<i>Coffee break</i>	
16.00 -16.45	Use of MIDSIS-TROCS -Case Studies	REMPEC Participants
16.45 - 17.15	Discussion	REMPEC Lecturer(s) Participants

**DAY 3****MORNING SESSION**

09.30 - 10.00	Introduction to the 1 <sup>st</sup> Table-top exercise ( <b>Mersin</b> port scenario)	REMPEC Lecturer(s)
10.00 - 10.45	Table-top exercise -Use of MIDSIS-TROCS	Participants
10.45 - 11.00	<i>Coffee break</i>	
11.00 - 11.45	Table-top exercise (cont.)	Participants
11.45 - 12.15	Introduction to the 2 <sup>nd</sup> Table-top exercise ( <b>Iskenderun</b> port scenario)	REMPEC Lecturer(s)
12.15 - 13.00	Table-top exercise -Use of MIDSIS-TROCS	Participants
13.00 –14.30	<i>Lunch</i>	
14.30 - 15.15	Table-top exercise (cont.)	Participants
15.15 - 15.45	Preparation of groups' reports	Participants
15.45 - 16.00	<i>Coffee break</i>	
16.00 - 17.15	Preparation of groups' reports (cont.)	Participants

## DAY 4

### MORNING SESSION

09.30 - 10.30	Presentation of groups' reports ( <b>Mersin</b> scenario)	Participants
10.30 - 10.45	<i>Coffee break</i>	
10.45 - 11.45	Presentation of groups' reports ( <b>Iskenderun</b> scenario)	Participants
11.45 - 13.00	Discussion/Conclusions	REMPEC Lecturer(s) Participants
13.00 - 13.15	Closing ceremony / Presentation of Certificates	REMPEC Participants
13.15-	<i>Lunch</i>	

## ANNEX III

### List of Presentations

1. Legal framework for the International co-operation in the Mediterranean region (REMPEC, Barcelona Convention, new Prevention and Emergency Protocol), Cdr. Elias Sampatakakis, REMPEC.
2. Introduction to global framework for co-operation in the field of preparedness and response (OPRC-HNS Protocol ,HNS Convention) ,Cdr. Elias Sampatakakis, REMPEC.
3. Introduction to HNS and their transport, Nick Bailey ,DV Howells-The Mediterranean  
a. perspective, Cdr. Elias Sampatakakis, REMPEC (*joint presentation*)
4. Assessing hazards of chemicals spilled at sea , Nick Bailey ,DV Howells .
5. Behaviour of chemicals after accidental release , Nick Bailey ,DV Howells .
6. Risk prioritisation /management of risks posed by chemicals, Nick Bailey ,DV Howells
7. Risk Assessment Methodology (Project LIFE 98 TCY/TR/011), Cdr. Elias Sampatakakis, REMPEC.
8. Emergency response to chemical spills / Part 1,Mark East, Sapira International.
9. Emergency response to chemical spills / Part 2 (Containment and control of accidental spills,Mark East, Sapira International.
10. Safety at spill site (protection of response personnel , protection of the population ), Mark East, Sapira International.
11. Environmental consequences of chemical spills , Mark East, Sapira International.
12. Introduction to the Mediterranean Integrated Decision Support and Information System (MIDSIS-TROCS), developed by REMPEC, Cdr. Elias Sampatakakis, REMPEC.
13. Use of MIDSIS-TROCS -Case Studies , Cdr. Elias Sampatakakis, REMPEC.
14. Introduction to the 1<sup>st</sup> and 2<sup>nd</sup> Table-top exercise (**Mersin** and **Iskenderun** port scenario), Cdr. Elias Sampatakakis, REMPEC .

**ANNEX III**

**“Evaluation form” of the Seminar prepared by REMPEC**

**NATIONAL TRAINING COURSE  
ON THE USE OF SIMPLIFIED METHODOLOGY FOR RISK ASSESSMENT AND ON  
EMERGENCY RESPONSE IN CASES OF HNS ACCIDENTS  
IN PORT AREAS OF MERSIN AND ISKENDERUN**

**Mersin, Turkey, 7-10 June 2004**

**EVALUATION FORM**

1. Did the course meet your expectations?

Beyond your expectations .....

More or less on par with your expectations .....

Below your expectations .....

2. Generally speaking, how do you judge the quality of the presentations?

	Very good	Good	Quite good	Not enough	good
Presentations					
Illustrations					
Documents					

3. Did you acquire much new knowledge during this course?

Very much .....

Some .....

Not enough .....

4. Will the knowledge acquired during this course help you in your current work?

Very much .....

Enough .....

No .....

Other comments? .....

5. Were the exercises useful?

Very much .....

Enough .....

No .....

6. In your opinion, are there any other issues or subjects which the course should have covered?
7. Do you think that it was useful to meet persons from other organisations?  
Yes .....  
No .....
8. Generally speaking, are you satisfied with the course?  
Very satisfied .....  
Satisfied .....  
Unsatisfied .....
9. Other comments?

**ANNEX VII**

**REGIONAL MARINE POLLUTION EMERGENCY RESPONSE CENTRE  
FOR THE MEDITERRANEAN SEA  
(REMPEC)**

**CERTIFICATE**

**No.**

This is to certify that

\_\_\_\_\_ has attended

**NATIONAL SEMINAR  
ON PREPAREDNESS FOR AND RESPONSE TO ACCIDENTAL MARINE POLLUTION  
FOR GOVERNMENT ADMINISTRATORS AND SENIOR MANAGERS**

**Durres, Albania, 24 - 26 November 2003**

*organized within the framework of the*

**MEDITERRANEAN ACTION PLAN**



*by the*

**REGIONAL MARINE POLLUTION EMERGENCY RESPONSE CENTRE  
FOR THE MEDITERRANEAN SEA  
(REMPEC)**

*in co-operation with the*

**MINISTRY OF ENVIRONMENT  
*and the*  
MINISTRY OF TRANSPORT AND TELECOMUNICATIONS  
  
REPUBLIC OF ALBANIA**

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Rear Admiral Roberto PATRUNO  
Director, REMPEC