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

MEDITERRANEAN ACTION PLAN (PAM)

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MEDITERRANEAN OIL INDUSTRY GROUP (MOIG)

REGIONAL GOVERNMENT AND INDUSTRY WORKSHOP ON COOPERATION IN PREPAREDNESS FOR AND RESPONSE TO OIL SPILLS IN THE MEDITERRANEAN SEA

Marseille, France, 11-12 May 2009

R E P O R T

JUNE 2009

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EXECUTIVE SUMMARY

REMPEC in cooperation with MOIG and with the participation of the International Petroleum Industry Environmental Conservation Association (IPIECA) and the International Maritime Organization (IMO) organised the Regional Government and Industry Workshop on Cooperation, Preparedness for and Response to Oil Spills in the Mediterranean Sea, which was held in Marseille, from 11 to 12 May 2009. All Contracting Parties to the Barcelona Convention, represented by 38 participants attended the Workshop with representatives from the Mediterranean oil industry (EGPC, Eni, ETAP, Exxon mobil, NOC, Petro-Canada, Shell/STASCO, TANKMED, Total, Marathon and Sonatrach).

The Workshop aimed at strengthening cooperation between governments and the oil industry, concluded with the following set of recommendations for the elaboration of a joint REMPEC/MOIG short/medium and long term programme to enhance regional cooperation in the Mediterranean region:

- to endorse the need of more REMPEC and industry support and joint activities,
- to strengthen the industry network and its interaction with government network,
- to organize on a more regular basis industry and government joint trainings and exercises,
- to organize a joint industry/government Regional Workshop on risk assessment aimed at defining a joint realistic Mediterranean Risk Assessment,
- to develop Standard National Contingency Planning Template with same structure (it was recognized that the current Guidelines were not sufficient),
- to review the Mediterranean Dispersant guidelines with particular emphasise on the decision making process,
- to support the development of waste management plans,
- to centralize existing sensitivity maps on a Geographical Information System hosted by REMPEC,
- to access to reliable and common forecasting models,
- to focus efforts on operational and administrative arrangements to ensure a smooth entry, and exit of regional and international assistance,
- to increase technical assistance to MOIG,
- to improve cooperation on Aerial surveillance, and
- to get better understanding of EMSA's role in particular its support to non EU countries.

I. INTRODUCTION

During the Mediterranean Oil Industry Group (MOIG) - Integration of Emergency Plan Workshop held in Malta, on 10th May 2007, the participants from the Mediterranean coastal States attending the 8th Meeting of the Focal Points of the Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (REMPEC) and the MOIG's members discussed contingency planning issues and in particular the integration of industry plan in government plan. The main recommendation of the workshop was to organize a joint government-industry workshop on preparedness and response to marine pollution to exchange information on the status of preparedness and response in the region from a government and industry perspective.

Taken these recommendations into consideration REMPEC and MOIG agreed to organize jointly a workshop enabling government and industry representative to meet and discuss about preparedness and response to marine pollution with a view to improve the situation at national and regional level and to enhance cooperation between government and industry.

REMPEC in cooperation with MOIG and with the participation of the International Petroleum Industry Environmental Conservation Association (IPIECA) and the International Maritime Organization (IMO) organised the Regional Government and Industry Workshop on Cooperation, Preparedness for and Response to Oil Spills in the Mediterranean Sea, which was held in Marseille, from 11 to 12 May 2009. All Contracting Parties to the Barcelona Convention, represented by 38 participants attended the Workshop with representatives from the Mediterranean oil industry (EGPC, Eni, ETAP, Exxon mobil, NOC, Petro-Canada, Shell/STASCO, TANKMED, Total, Marathon and Sonatrach). The list of participants is reported in **Annex 1**.

II. PREPARATION OF THE WORKSHOP

REMPEC and MOIG initiated in 2008 an assessment exercise to evaluate the level of response capacity in the region with a view to have an overview of the situation in the Mediterranean Region.

In this connection, REMPEC developed a Country Profile, reproduced in **Annex 4**, and pre-filled it with information available at the Centre prior to submitting the document to each Mediterranean Coastal State for its update and for confirming the validity of the information recorded. All the data will be made available on the new Centre's website which should be operational prior to the end of 2009. The country profiles will be updated on a regular basis by the Mediterranean Coastal States and REMPEC as progress is made and on a regular basis.

MOIG from its end, based on the REMPEC's Country Profile developed a questionnaire, as set in **Annex 5**, aimed at collecting detailed information on the oil industry operating in the region (Off-shore facilities, refineries, ports, etc…). With a view to ensuring a maximum of replies prior to the workshop, an abridged version reproduced in **Annex 6**, was prepared and disseminated to the oil industry members of MOIG and of the International Petroleum Industry Environmental Conservation Association (IPIECA).

MOIG and IPIECA identified 67 high-density tanker routes using International Tanker Owners Pollution Federation Limited's (ITOPF) tanker route 2005 database.

Figure 1. ITOPF tanker route 2005

The routes were crossed with the map of sites handling oil in the Mediterranean produced by the French Petroleum Institute (IFP) and the Centre of Documentation, Research and Experimentation on Accidental Water Pollution (Cedre).

Figure.2. CEDRE/IFP sites handling oil Mediterranean map

This approach enabled the identification of 90 facilities with 42% of refinery, 26% of Oil Terminal, 24% of Ports, and 8% of Offshore Platform.

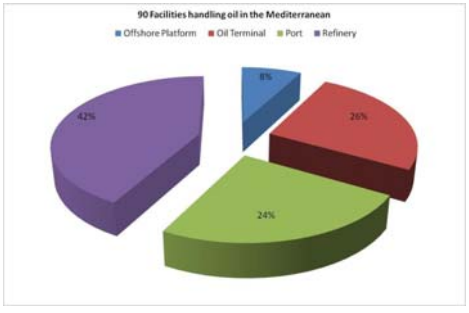


Figure.3. MOIG/IPIECA cross reference result

Amongst the 22 Contracting Parties to the Barcelona Convention 19 returned to REMPEC their Country profiles reviewed and approved. MOIG from its side, with the technical support of IPIECA, received 20 completed assessment questionnaires from the 90 facilities approached.

REMPEC's and MOIG's questionnaires were analysed by the Workshop Steering Committee composed of representatives of REMPEC, MOIG and assisted by IPIECA and consultants selected by REMPEC and MOIG to support the preparation and implementation of this activity. The outcome of

the analysis is reported in the present report under the following six themes which constituted the backbone of the workshop programme reproduced in **Annex 3**:

1. Contingency Planning
2. Risk Assessment
3. Strategy
4. Tier response approach & Responsibilities
5. Resources and Mutual Assistance
6. Training and Exercises

The Workshop Steering Committee discussed the Group Discussion working document REMPEC/MOIG/WG.1/2, the National Consultation working document REMPEC/MOIG/WG.1/3 and the Action Plan working document REMPEC/MOIG/WG.1/4. These documents further described in the chapter III of the present report were disseminated to the participants prior to the event in view of their preparation.

III. AIMS OF THE WORKSHOP

III. 1. Objective of the workshop

The objectives of the workshop were to:

- ✓ Strengthen cooperation between governments and industry in the Mediterranean region
- ✓ Provide recommendation for short/medium and long term activities to enhance regional cooperation and increase the preparedness and response capacity in the Mediterranean.

III. 2. Methodology

The methodology used to achieve this objective, as illustrated on the figure 4, consisted, first in a **pre-workshop assessment** as described above aimed at gathering information at government and industry level on the level of preparedness in the Mediterranean Sea. The data provided by the Mediterranean Coastal States and the oil industry were analyzed to **identify gaps and commonalities at national and regional level from a government and industry point of view.**

On the basis of the outcome of the analysis the topics above mentioned were identified to lead the workshop discussions:

The presentations, the group discussions, the national consultations and the action plans were built on the basis of the same structure composed of these six topics.

The presentations on the six topics were composed of:

- ✓ an **introductory part** on the subject aimed at recalling to the participants the main aspects to consider under each topic,
- ✓ an **overview of the situation** in the Mediterranean region on the different subjects on the basis of REMPEC's and MOIG's assessment, and
- ✓ summary of the **main questions** to be answered the following day during the "Group Discussion Session", the "National Consultation Session" and the " Action Plan" session.

The Group Discussions were aimed at sharing experiences and concerns on a **regional basis** with a view to defining regional conclusion and recommendations.

The **National Consultations** were carried out simultaneously with the group discussions and enabled States and industry to meet, together, the National Consultation Panel composed of a consultant, a representative of REMPEC and a representative of MOIG as reported in table2, for 30 minutes each. Government and industry representatives reviewed their respective questionnaires and further discussed from a **national point of view** the level of preparedness, possible related concerns and any other relevant issues.

During the Action Plan session government and industry representatives of each country were requested, taking into consideration the elements presented, discussed during the workshop, the analysis highlighting gaps and commonalities, as well as their own country/industry profile, to jointly indicate in writing the follow-up actions they consider necessary to improve their level of preparedness and response as well as the cooperation between government and industry. The main objective of this section was to come-up with preliminary **joint action plans at national level** to ensure follow-up of the workshop. The aim was also to obtain in writing **joint government-industry priority needs at national level** for their consideration in future REMPEC and MOIG activities.

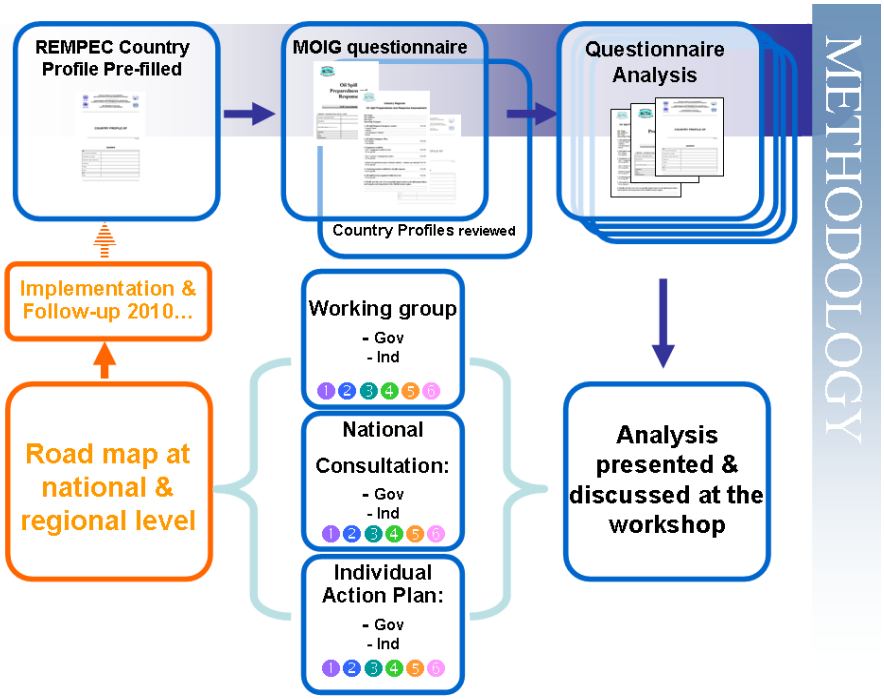


Figure 4. Methodology for continuous joint assessment and improvement on preparedness for and response to oil spill

III. 3. Profiles of Lecturers

Taking into consideration the nature of the workshop REMPEC and MOIG selected a pool of expertise based on their knowledge and experience on:

- ✓ Government preparedness and response approach,
- ✓ Industry preparedness and response approach,
- ✓ Regional and international cooperation,
- ✓ Government and industry cooperation,
- ✓ Mediterranean and other regional context.

The experts who contributed to this activity were separated in three categories speakers, consultants and facilitators and were requested to:

Speaker:

- ✓ Prepare the presentations, considering reference material ("Basic documents, recommendations, principles and guidelines concerning accidental marine pollution preparedness, response and mutual assistance, as well as prevention of pollution from ships, REMPEC Regional Information System (RIS), Part A, 2008") and use the reference material in the presentation (e.g. "Guidelines for the Use of Dispersants for Combating Oil Pollution at Sea in the Mediterranean Region, Antalya, 15 October 1993" when considering dispersant in the presentation on Strategy, or "Principles and Guidelines concerning the sending, receiving and returning of equipment in case of international assistance operation" when considering the presentation on Resources and Mutual Assistance),
- ✓ Introduce in the presentations the results of REMPEC's and MOIG's assessment, the "Group Discussion Session", the "National Consultation Session" and " Action Plan".

Consultants:

- ✓ Review the Country profiles and identify issues to be clarified when required,
- ✓ Discuss directly with the country representative to examine any reported or missing information in the country profile which would require clarification,
- ✓ Lead the discussion during the National Consultancy and take note of the interview,
- ✓ Provide conclusions and recommendations on the main issues/concerned highlighted during the session for their consideration in the last session of the day.

Facilitators:

- ✓ Lead the discussions during the "Group Discussion" session,
- ✓ take note of the main conclusions/recommendations on a power point presentation for their consideration in the last session of the day.

III. 4. Profiles of Participants

Contracting Parties were invited to nominate, in consultation with the relevant national competent authorities, two (2) government representatives. Considering that the participants would be requested to respond to some questions related to their national system and taking into account the nature of the Workshop focused on government and industry cooperation, the following profiles were requested:

- ✓ A representative of the national competent authority in charge of preparedness and response to marine pollution (OPRC Focal Point), and
- ✓ A representative of the national competent authority (e.g. Ministry in charge of Energy/Resources) in charge of following and managing oil industry activities in the country.

From the industry point of view, MOIG and IPIECA invited their respective members to participate in the Workshop by making available a representative of their facilities operating in the Mediterranean region.

IV. ORGANIZATION OF THE SEMINAR

Following the presentations as referred above, the participants were separated for the group discussions, during four (4) hours, as follows:

Group	Countries	Facilitators
Group A	Algeria, France, Italy, Lebanon, Monaco, Morocco, Spain and Tunisia.	A. Lamy
Group B	Albania, Croatia, EC, Israel, Malta, Montenegro, Slovenia and Turkey.	R. Schriel
Group C	Bosnia and Herzegovina, Cyprus, Egypt, Greece, Libya, and Syria	B. Lerch

Table 1: Group Discussions

Governments and oil industry representatives joined, for thirty (30) minutes, the National Consultation Panel composed of a consultants and representative from REMPEC and MOIG as indicated in the table 2 below.

Group	Consultant	REMPEC	MOIG
Group A	J.Y. Huet	F. Hebert	R. Dhaoui
Group B	D. Domovic	M. Tralan	
Group C	P. De Susanne	G. Gonzalez	R. Byrnes

Table 2: National Consultation Panel

The national consultations were run simultaneously with the Group Discussions as follows:

Time	Post A	Post B	Post C
09.00 – 09.30	Algeria	Albania	Bosnia and Herzegovina
09.35 – 10.05	France	Croatia	Cyprus
10.10 – 10.40	Italy	Israel	Egypt
10.45 – 11.15	Lebanon	Malta	Greece
11.20 – 11.50	Monaco	Montenegro	Libya
11.55 – 12.25	Morocco	Slovenia	Spain
12.30 – 13.00	Tunisia	Turkey	Syria

Table 3: National Consultation time table

IV.1. Opening of the Seminar

The Director of REMPEC, Mr. Frederic Hebert, the Director of MOIG, Mr. Ridha Dhaoui, the Executive Secretary of IPIECA, Mr. Richard Sykes and Mr. Stefan Micallef, Deputy Director, Marine Environment Division, IMO (IMO speech reproduced in **Annex 7**) opened the workshop at 08.30 am, on Monday 11 May 2009.

IV. 2. The Global Initiative

In order to set the set the context of the government and industry regional cooperation within the global framework approach, Mr. Micallef and Mr. Lerch, Chair of the IPIECA Oil Spill Working Group introduced the Global Intiative, a joint initiative between IMO and IPIECA established since 1996 to:

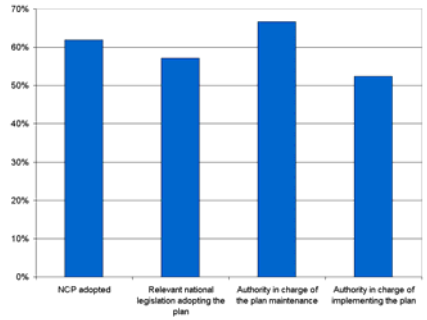
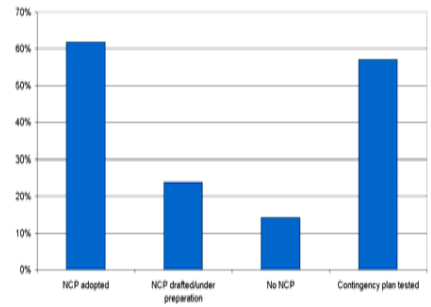
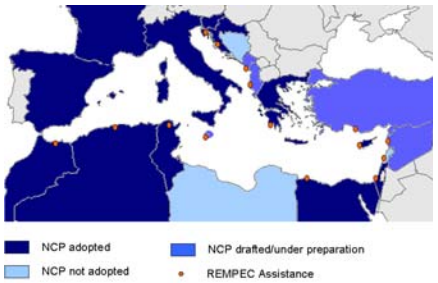
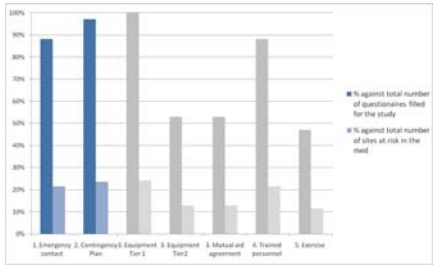
- ✓ Assist countries in developing a national structure for dealing with oil spills through the mobilization of external assistance and industry support at national & regional levels
- ✓ Encourage and assist countries in ratifying and implementing the OPRC Convention and other conventions related to liability and compensation

It was particularly emphasized, that "*there was not one model for all regions but a tailored solution can be developed, based on the circumstances, the existing regional organisations, and the possibility to draw on external resources*".

V. WORKSHOP'S FINDINGS

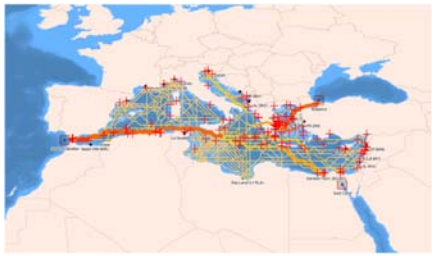
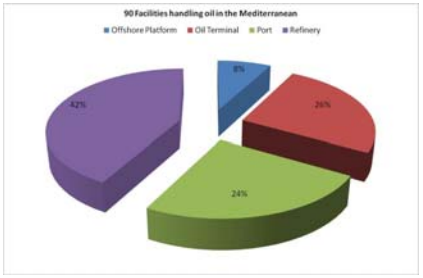
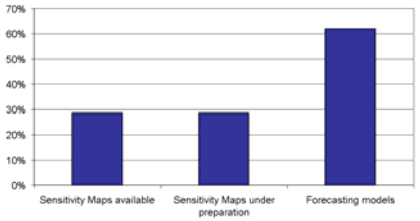
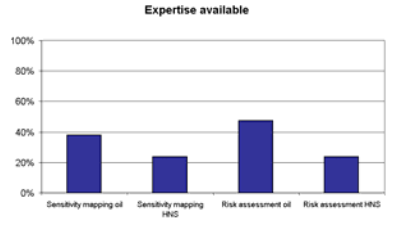
The following sheets summarize the findings by topics based on REMPEC's and MOIG's Assessment and on the outcome of the Group Discussions and National Consultation sessions:

V.1. Contingency Planning

REMPEC/MOIG Assessment			
			
When National Contingency Plans (NCP) are adopted: • Legislation adopting the plan are known and communicated • Authorities in charge of the plan maintenance and its implementation are identified	• A majority of Mediterranean Coastal States have a NCP adopted • Plans adopted are regularly tested • Possible improvement in few countries: • High priority in three (3) countries were no NCP exists: Amongst these countries, REMPEC already proposed its support to Libya and Lebanon • Five (5) countries with a plan drafted or under preparation: In this connection, REMPEC has supported or planned to assist Albania, Malta and Montenegro.		• Good level of contingency planning development in sites analysed • Emergency number in place • Need to promote contingency planning development outside MOIG members

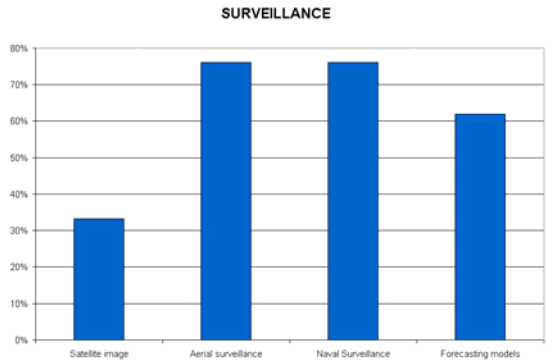
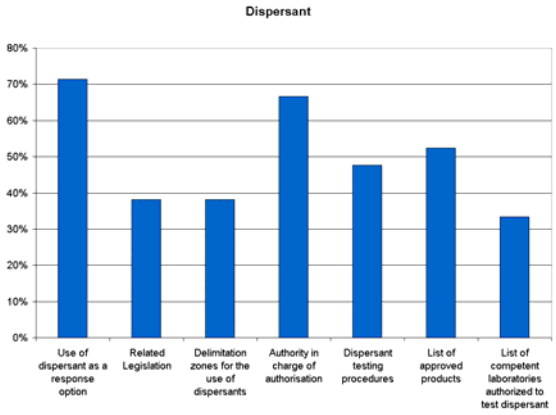
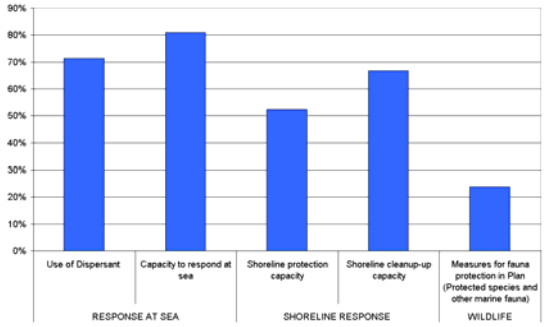
Group Discussion	***National Consultation***
• Most countries have a plan in place but its update is a challenge • Countries express the need of more details in the plan • National Contingency Plan are discussed with the industry • Local plans are approved at local level • Government and Industry need to work more together • Industry should be familiar with the national regulation • Lack of clarity and understanding of EMSA's role for non EU Member States	• In most cases, where national plans exist, industry plans are integrated • There is an obligation for industry plans to be approved • Process for updating plans needs to be better defined and improved • Operational implementation of plan lacks legal basis and/or vice versa • Need to improve involvement of stakeholders (e.g. customs, immigration, etc.) Lack of communication between the Ministry regulating the industry activities and the national competent authority

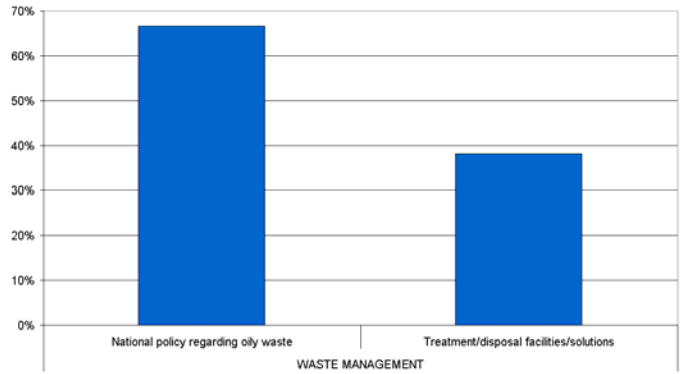
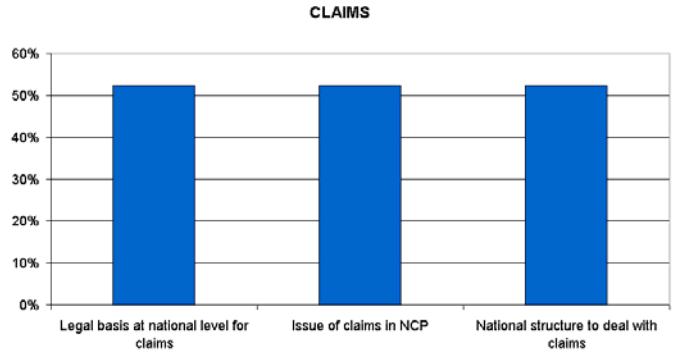
V.2. Risk Assessment

REMPEC/MOIG Assessment	
	
	
• Up to now 75% of the oil entering the Med originated from the southern side of the Med (Algeria to Egypt) • 25% remaining are originating from the Black Sea through Bosporus straight and eastern pipelines • There were more than 4200 Loaded tankers voyages/calls in the Med in 2006 • Pipelines in the eastern Mediterranean sea are used at 22% of their capacities. • The development of the projected new capacities and their use at their full capacity could raise the number of shipments (120.000dwt) from 300 to more than 2500 a year • Distribution of the 90 facilities identified by MOIG/IPIECA: 42% refineries, 26% Oil Terminals, 24% Ports, and 8% Offshore Platforms.	• Little sensitivity maps available • Few risk assessment available • Possible need for a regional risk assessment • Little expertise available on sensitivity mapping & Risk Assessment • Need for regional capacity building

Group Discussion	***National Consultation***
The Groups suggest: • to have a joint Mediterranean Risk Assessment approach/methodology • to avoid complex models and ensure realistic assessments, • to centralize GIS (Sensitivity & Vulnerability information on a GIS hosted at REMPEC website • to analyse past incidents and the measures taken following the accident to reduce the risk (Prevention – integration of lessons learnt)	• Current risk assessments are not sufficiently comprehensive • Data is available but spread • Sensitivity mapping have to be developed • Existing sensitivity maps are currently focused on biological sensitivities • Need to standardize the methodology • Existing risk analysis are mainly based on experience of past casualties

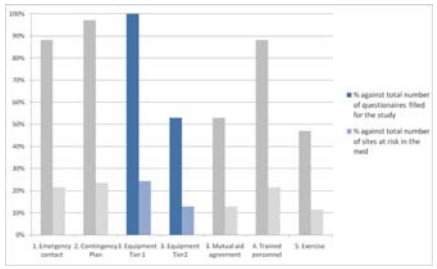
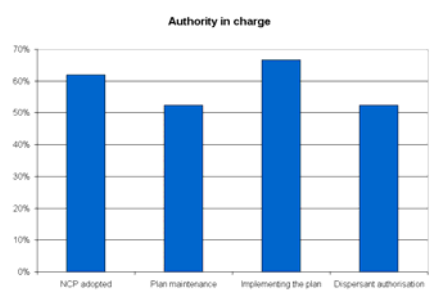
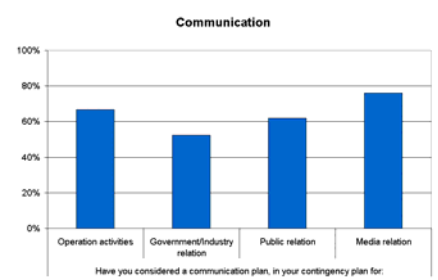
V.3. Strategy

REMPEC/MOIG Assessment		
		
Satellite images are used by a minority of countries: • Constraint: Cost of the services • According to figures aerial and naval Surveillance available in a majority of States, the study did not specify the type of means and its ownership. • REMPEC's project in this field: MARCOAST Project • EU Countries: CleanSeaNet (EMSA) **Forecasting Models used by a majority of countries:** • MoU between the Mediterranean Operational Oceanographic Network (MOON) and REMPEC : Objective to Cover the Mediterranean Region	**Possible area of improvement identified:** • Regulation of the use of dispersants • Delimitation for the use of dispersants • Testing procedures • Identification of competent laboratories for testing the dispersant • Revision of the Mediterranean Guidelines & its Annexes by the MTWG between 2010-2011	• Despite the limited amount of oil which can be recovered at sea (around 10% of spilled amount), response at sea appears to be the principle response strategy, including the use of dispersant • Need to further assess capacity to respond at sea (not only in ports) • Need to consider shoreline response as primarily response strategy • Shoreline protection considered by 50% of the countries: • As far as the protection of sensitive areas is concerned, priorities need to be defined, sensitivity mapping are required • Wild life protection is rarely considered • REMPEC in contact with wild life response association/institution (i.e. Sea Alarm, Accobams...) for further development in this field

REMPEC/MOIG Assessment	
	
• More than 60 % of the States have considered oily waste management in the national regulation • A little less than 40% of the States have identified treatment and disposal facilities • REMPEC currently developing a Waste Management Decision Support Tool in the framework of the Mediterranean Technical Working Group (MTWG)	• About half the countries considered the issue of Compensation and Claims • Need of further awareness at high level • Claim procedure to be considered from the early stage of an incident to ensure compensation

Group Discussion	***National Consultation***
The Groups suggested: • To have better guidance for use of dispersant from small to large spill (The Mediterranean Guidelines on the use of dispersant will be revised in the framework of the MTWG's activity programme for 2010-2011) • To improve satellite/aerial surveillance cooperation in the region (subject included in REMPEC's agenda through surveillance operations and availability of expertise on request), • To improve and access reliable forecasting model, in this regard, REMPEC signed an MoU with Mediterranean Operational Oceanographic Network (MOON) • To further support development of waste management plan (mainly for large spills). In this regards, the MTWG is currently developing a Waste Management Decision Support Tools to assist countries in developing their national waste management plan and in identifying the best treatment and disposal facilities in the country..	• In the majority of the countries, there is no clear pre-agreed national policy for use of dispersant

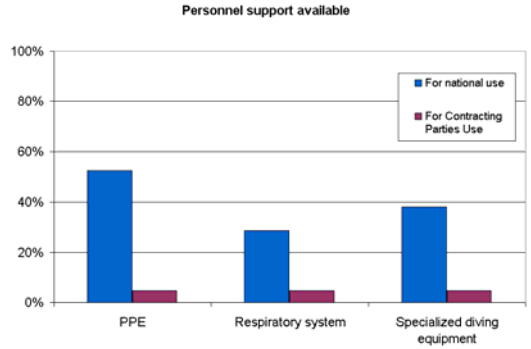
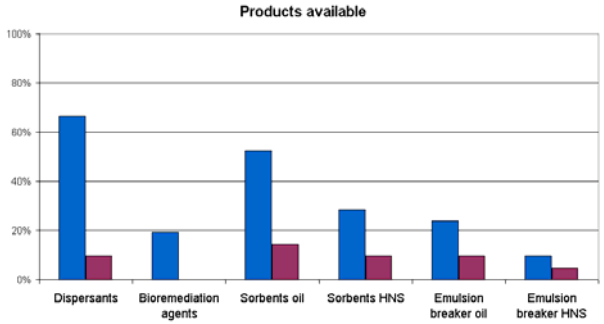
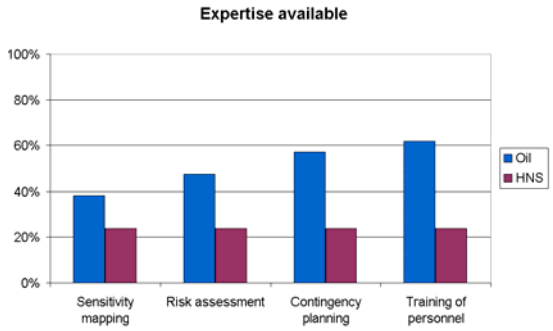
V.4. Tier Response Approach & Responsibilities

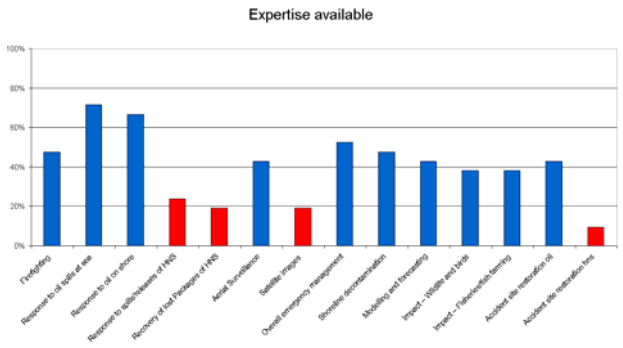
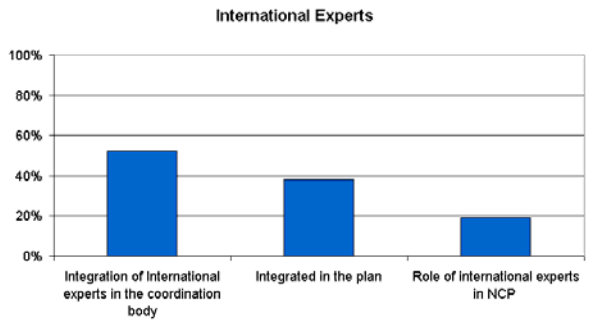
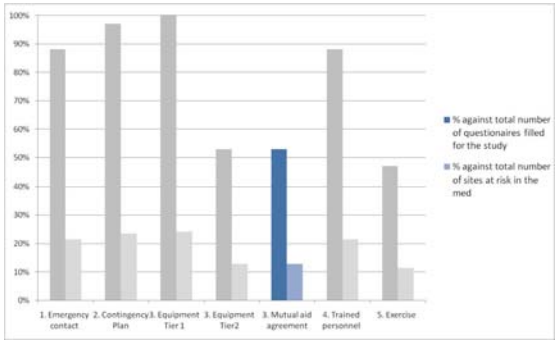
REMPEC/MOIG Assessment			
			

• At present 5 sub-regional agreements exist in the Mediterranean, 3 of which have been developed with the assistance of REMPEC:
  • Cyprus, Egypt, Israel (*REMPEC Support),*
  • Algeria, Morocco, Tunisia (*REMPEC Support),*
  • Croatia, Italy, Slovenia. (*REMPEC Support),*
  • France, Monaco, Italy.
  • France, Spain.
• Effort should be made to ensure that all agreements enter into force
	• Tier 1 equipments in place in analysed sites
	• Tier 2 equipments available in about 50% of the site analysed
	• Possible improvement in the definition of responsibilities (gov/ind) on the different tier response level
		• For States having a plan adopted, the responsibilities appear to be defined
		• Responsibilities from a local, Area-District and National point of view not considered in the Country Profile.
		• Importance of clear definitions of the tier response limits
			• Communication well covered for:
			  • Response operations activities
			  • Public and Media relation
			
			Possible area of improvement identified:
			  • Communication between Government/Industry
			  • To ensure good and consistent information of the media a joint communication office/plan gov/ind should be established

Group Discussion	***National Consultation***
The Groups recognised: • Tier response approach is generally well understood; • The need for Tier 3 expertise and support in case of major incident.	**At industry level**: • **Tier 1**: There is on site capability • Mutual assistance agreements are in place with other operators in the vicinity • **Tier 2**: Generally limited access to Tier 2 • **Tier 3**: Only available for major companies **From a Government point of view:** • Generally, national stockpiles for Tier 2 • Some sub regional agreements are in place

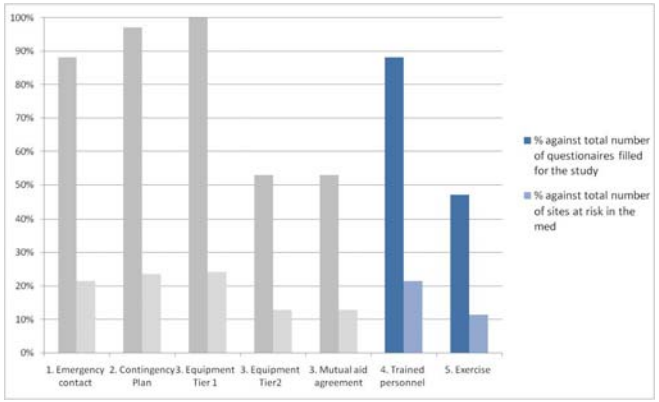
V.5. Resources and Mutual Assistance

REMPEC/MOIG Assessment	
	
• According to the results recorded for the response strategy the equipment available is mainly focused on response at sea.	• About 50% of the countries have PPE available • Few specialised equipment such respiratory and diving equipment are available
	
• In terms of product, the inventory shows lack of availability for HNS response. • More than 60% of the countries have dispersants in stock, while 50% have sorbent	• In terms of expertise, there is a lack of competencies on sensitivity mapping and risk assessment, • Expertise for oil spill contingency planning and for delivery of training is available in half of the countries, • Low level of expertise on preparedness for HNS Spills

		
• In terms of HNS, lack of expertise on HNS response, recovery of lost of packages and site restoration, • Improvement is also required for satellite images • Less than half of the countries reported available expertise for oil and HNS response. For approximately 70% of the countries, oil response at sea and onshore expertise is available.	• Integration of international experts in the response and management system are rarely considered.	From and industry point of view: Need to further develop mutual aid agreements to improve access to Tier 2 resources through: • Industry / Industry agreements • Government / Industry agreements

Group Discussion	***National Consultation***
• Sub-regional agreements are signed but operational arrangements are not in place • In a number of countries with low response capacity, Oil industry is the backbone of the response (Tier 3) • Lack of details to run the mutual aid operational arrangements	• Oil industry are not organized within a national industry association • Networking capability limited • When existing, the relationship between government and industry is channeled through a prevailing national company

V.6. Training and Exercises

REMPEC/MOIG Assessment	
	
• Contingency plan regularly tested • Test mainly carried out through full scale exercise • REMPEC organized regularly IMO Level 1, 2 and 3 Course and specialised training/workshops: Dispersant, sensitivity mapping, surveillance, etc… • **Possible area of improvement identified:** Joint government/industry training	• Good level of training in analysed sites • Need to develop more exercises • Need to include governments and other industries in exercises to develop partnership

Group Discussion	***National Consultation***
The Groups recognised: • Need of support to run more exercises • Difficulty in communicating between government and industry networks • Need of sharing lessons learnt from exercises by disseminating the exercises report through REMPEC, • Need to increase the number of joint industry and government trainings and exercises • Best practice: Volunteers identified and trained in advance	• Industry usually have a program of exercises and training in place • These programs are not always communicated to the government • The frequency of training and exercises by government is lower than for the industry

VI. ACTION PLAN

Governments and industry filled in at national the self evaluation form following the 10 ITOPF's self evaluation question as follows:

1. Has there been a realistic assessment of the nature and size of the possible threat, and of the resources most at risk, bearing in mind the portable movement of any oil spill?
2. Have priorities for protection been agreed, taking into account the viability of the various protection and clean-up options?
3. Has the strategy for protecting and cleaning the various areas been agreed and clearly explained?
4. Have temporary storage site and final disposal routes for collected oil and debris been identified?
5. Has the necessary organisation been outlined and the responsibilities of all those involved been clearly stated – will all who have a task to perform be aware of what is expected of them?
6. Have the arrangements for ensuring effective communication between shore, sea and air been described?
7. Are the levels of equipment, materials and manpower sufficient to deal with the anticipated size of spill? If not, have back resources been identified and, where necessary, have mechanisms for obtaining their release and entry to the country been established?
8. Are the alerting and initial evaluation procedures fully explained as well as arrangements for continual review of the progress and effectiveness of the clean-up operation?
9. Is the plan compatible with plans for adjacent areas and other activities?
10. Have all aspects of the plan been tested and nothing significant found lacking?

Government and industry representatives replied to the self evaluation questions separately from their respective point of view but in the same form (see REMPEC/MOIG/WG.1/4). The figures in purple correspond to the percentage of positive replies received from 19 out of 21 Mediterranean Coastal States. The reference taken for the graph (100%) correspond to 19 countries positive replies. On the basis of the 19 countries, the figures in yellow correspond to the percentage of positive response received from the industry representatives. The participation of the industry representatives in 6 countries session, about 30% of the 19 countries, explain the relatively low level of positive replies received from the industry.

The outcome of the Action Plan session is reported in figure 5.

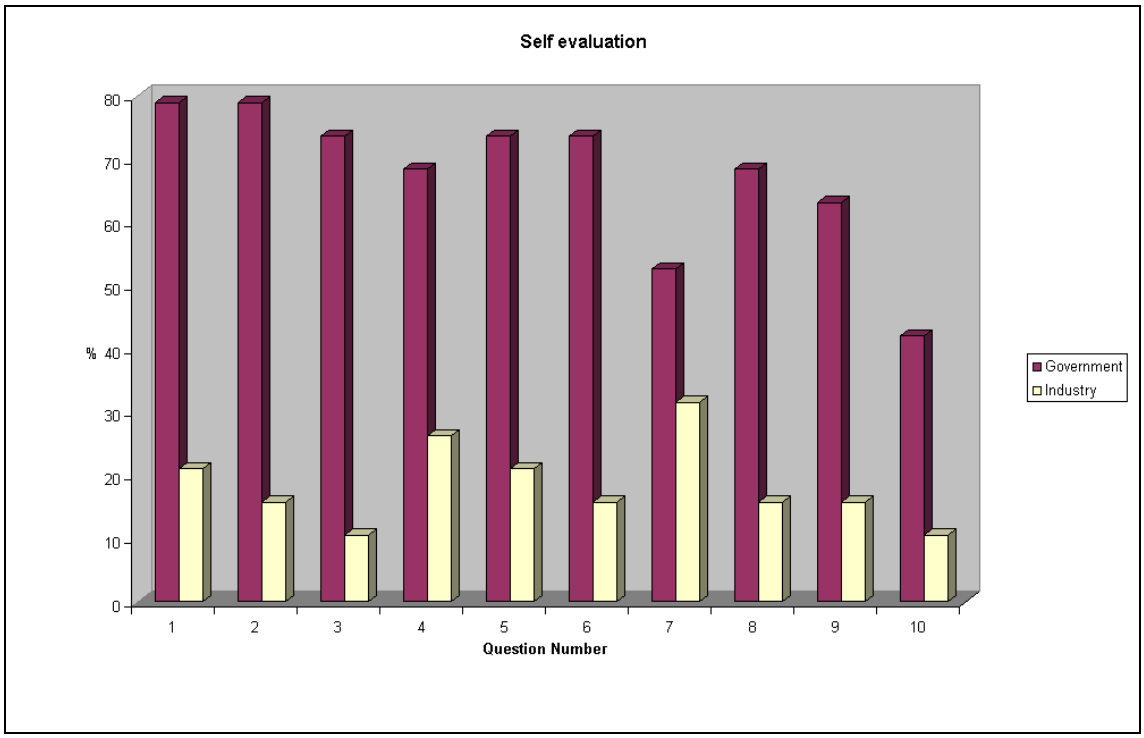


Figure 5: Contingency Plan Self-evaluation results

According to the results, by order of priority the following topic need to be further improved:

1. Further testing of the plans to identify gaps and areas of improvements (42% of positive replies),
2. Need to ensure that the levels of equipment, materials and manpower is sufficient in country or through back resources by establishing mechanisms for obtaining their release and entry to the country (52% of positive replies),
3. Ensure that the plan is compatible with plans for adjacent areas and other activities (63% of positive replies),
4. Identify temporary storage site and final disposal routes for collected oil and debris **and** ensure that the alerting and initial evaluation procedures is fully explained as well as arrangements for continual review of the progress and effectiveness of the clean-up operation (68% of positive replies).

About 27 % of the countries who replied need also:

5. to agree and clearly explain the strategy for protecting and cleaning the various areas,
6. to clearly state the necessary organisation outlined and the responsibilities of all those involved, and
7. to describe the arrangements for ensuring effective communication between shore, sea and air

Finally, approximately 20% of the Mediterranean coastal States should:

8. Assess, bearing in mind the movement of any oil spill, the nature and size of the possible threat, and of the resources most at risk and,
9. Agree on priorities for protection, taking into account the viability of the various protection and clean-up options.

From an industry point of view the figure shows a relatively low level of participation of the industry. According to the MOIG study the 90 oil handling facilities were distributed in 15 Mediterranean countries, while industry was represented only for 6 countries. **The industry level of participation,**

taking into account the above mentioned geographical distribution, emphasises the need of further involving the oil industry operating in the 15 countries identified to ensure cooperation at national level between government and industry through out the Mediterranean region. The participation of the oil industry is essential for the implementation of a joint industry-government cooperation programme. It should be also noted that some oil industry were represented by a corporate company representative who did not had all the elements to answer to the questions which were focused on in-country facilities. **This highlights the need of involving oil industry representatives present in the countries that are more aware of the situation in their facilities.**

In this respect, the workshop recommended to strengthen the industry network and its interaction with government network.

In addition to the self evaluation, the government representatives together with the oil industry operating in the respective countries clearly stated in writing the following steps to ensure better level of preparedness for and response to marine pollution in their country and in collaboration with the industry. This valuable information will be considered by REMPEC and MOIG with the rest of the data gathered prior and during this event to develop a joint programme of activities to assist countries jointly with the industry to achieve the goals expressed in the "Action Plan" session. This information will also serve to build the activities of REMPEC and MOIG on individual basis.

VI. CONCLUSIONS AND RECOMMENDATIONS

The representatives of the Contracting Parties to the Barcelona Convention and the representatives of the Oil Industry operating in the Mediterranean region adopted the following recommendations:

- to endorse the need of more REMPEC and industry support and joint activities,
- to strengthen the industry network and its interaction with government network,
- to organize on a more regular basis industry and government joint trainings and exercises,
- to organize a joint industry/government Regional Workshop on risk assessment aimed at defining a joint realistic Mediterranean Risk Assessment,
- to develop Standard National Contingency Planning Template with same structure (it was recognized that the current Guidelines were not sufficient),
- to review the Mediterranean Dispersant guidelines with particular emphasise on the decision making process,
- to support the development of waste management plans,
- to centralize existing sensitivity maps on a Geographical Information System hosted by REMPEC,
- to access to reliable and common forecasting models,
- to focus efforts on operational and administrative arrangements to ensure a smooth entry, and exit of regional and international assistance,
- to increase technical assistance to MOIG,
- to improve cooperation on Aerial surveillance, and
- to get better understanding of EMSA's role in particular its support to non EU countries.

Conclusions and recommendations resulting from these discussions will serve as corner stone for the preparation of REMPEC/MOIG short, medium and long term programme addressing the gaps identified with a view to increasing in a reckonable manner the preparedness and response capacity level and the cooperation in the Mediterranean region. The programme will be prepared by REMPEC and MOIG in consultation with IMO and IPIECA and its implementation will start in 2010.

ANNEX(E) 1

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ANNEX 2

LIST OF DOCUMENTS

REMPEC/MOIG/WG.1/1	Workshop Programme
REMPEC/MOIG/WG.1/2	Group Discussion
REMPEC/MOIG/WG.1/3	National Consultancy
REMPEC/MOIG/WG.1/4	Action Plan
REMPEC/MOIG/WG.1/5	Report

ANNEX 3

WORKSHOP PROGRAMME

Day 0: 10 May 2009

Participant arrival and registration

Day 1: 11 May 2009

08.30	**Welcoming remarks**	
09.00	**Workshop Introduction**	
09.30	**Global Initiative: International (IMO/IPIECA) / Regional cooperation**	S. Micaleff B. Lerch
10.00	*Coffee Break*	
10.30	**Contingency Planning**	J.Y. Huet R. Schriel
11.20	**Risk in the Mediterranean Region**	REMPEC
12.10	**Strategy**	J.Y. Huet R. Schriel
13.00	*Lunch*	
14.30	**Tier response approach and Responsibilities (Industry/Government)**	B. Lerch
15.30	**Resources and Mutual Assistance**	D. Domovic
16.30	*Coffee Break*	
17.00	**Training and Exercises**	A. Lamy
17.30	**An example of risk assessment methodology: Baltic Sea**	C. Jürgensen
18.00	**End of Day 1**	

Day 2: 12 May 2009

Workshop Group Discussion & National Consultation	
08.30	Objective reminder Introduction to the Group Discussions and National Consultations
09.00	Group Discussions and National Consultations
13.00	*Lunch*

Group Discussion and National Consultation outcome	
14.00 – 16.00	Draft conclusion and recommendation

Action Plan and Recommendations	
14.30	National Action Plan
15.30	*Coffee Break*
16.00	Conclusion / recommendation (Group Discussion and National Consultation feedback)
17.30	Closing remarks
18.00	End of workshop

ANNEX 4

REMPEC COUNTRY PROFILE TEMPLATE

IMO-OMI

UNEP-PNUE

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

CENTRE REGIONAL MEDITERRANEEN POUR L'INTERVENTION
D'URGENCE CONTRE LA POLLUTION MARINE ACCIDENTELLE (REMPEC)

MEDITERRANEAN ACTION PLAN
PLAN D'ACTION POUR LA MEDITERRANEE

COUNTRY PROFILE OF

_____

Country

Updated

By:	
Full name of the institution	
Department or position	
Address (number, street, city)	
Telephone	
Telefax	
E-mail	
On	
Date	

SECTION 1

CONTACT LIST

This section contains information on competent national authorities responsible for various aspects of the implementation of the Prevention and Emergency Protocol to the Barcelona Convention (article 7.1).

■ **REMPEC GOVERNMENTAL FOCAL POINT:**

Competent national authority in charge of the follow-up of the implementation of the Prevention and Emergency Protocol (Governmental Focal Point)	
Full name of the institution	
Department or position	
Address (number, street, city)	
Telephone (24 hours a day)	
Telefax	
E-mail	
Working hours	

■ **REMPEC PREVENTION FOCAL POINT:**

Competent national authority responsible for the prevention of pollution from ships (Prevention Focal Point)	
Full name of the institution	
Department or position	
Address (number, street, city)	
Telephone (24 hours a day)	
Telefax	
E-mail	
Working hours	

■ **REMPEC OPRC FOCAL POINT:**

Competent national authority responsible for preparedness and response (OPRC Focal Point)	
Full name of the institution	
Department or position	
Address (number, street, city)	
Telephone (24 hours a day)	
Telefax	
E-mail	
Working hours	

- **REMPEC 24H FOCAL POINT:**

National centre or contact point (operational 24 hours a day) responsible for receiving reports on marine pollution accidents	
Full name of the institution	
Department or position	
Address (number, street, city)	
Telephone (24 hours a day)	
Telefax	
E-mail	
Working hours	

- **REMPEC "MUTUAL ASSISTANCE " FOCAL POINT: (See Section 5)**

- **Other National Authorities with operational responsibilities in case of oil spills**

Responsibility	
Full name of the institution	
Department or position	
Address (number, street, city)*)*	
Telephone (24 hours a day)	
Telefax	
E-mail	
Working hours	

SECTION 2

NATIONAL REGULATIONS AND RESPONSE STRATEGY

This section contains information on contingency plans and other means of preventing and combating pollution incidents (article 4). **(Tick and complete as appropriate)**

■ **NATIONAL CONTINGENCY PLAN:**

	STATUS/*STATUS*			
☐	Contingency Plan Approved	Approval date: Last update date:		
☐	Contingency Plan drafted	Draft date:		
☐	Contingency Plan under preparation	Expected date :		
☐	Relevant national legislation adopting the plan	Law, decret,etc..:		
☐		Communication exercise	Table Top exercise	Full scale exercise:
☐	Contingency plan tested	☐: 1 every ____	☐: 1 every ____	☐: 1 every ____
☐	Authority in charge of the plan maintenance			
☐	Authorities in charge of implementing the plan			
☐	Other comments			

■ **RESPONSE STRATEGY**

Please provide brief details of your country's spill response strategy and approach toward the below mentioned options. Please tick the corresponding boxes if applicable and provide further details when available. This section aims at providing an overview of the response strategy without entering into details and complete the information requested in the section 4.

MONITORING AND EVALUATION			
	Yes	No	Specify – Annex
What types of information can be made available for monitoring?			
Satellite image	☐	☐	
Aerial surveillance	☐	☐	
Naval Surveillance	☐	☐	
Forecasting models	☐	☐	

RESPONSE AT SEA			
	Yes	No	Specify – Annex
Are you in a position to respond at sea?	☐	☐	
USE OF DISPERSANT			
	Yes	No	Specify– Annex
Do you consider in your strategy the use of dispersant as a response option?	☐	☐	
Related Legislation:	☐	☐	
Delimitation zones for the use of dispersants	☐	☐	
Authority in charge of authorisation	☐	☐	
Dispersant testing procedures	☐	☐	
List of approved products	☐	☐	
List of competent laboratories authorized to test dispersants on behalf of competent national authorities	☐	☐	
CONTAINMENT AND RECOVERY			
	Yes	No	Specify – Annex
Are you in a position to carry out containment and recovery operations?	☐	☐	Detail in section 5
IN SITU BURNING			
	Yes	No	Specify – Annex
Are you in a position to carry out in situ burning operations?	☐	☐	Detail in section 5

SHORELINE PROTECTION AND CLEANUP			
	Yes	No	Specify – Annex
Are you in a position to carry out shoreline protection operations?	☐	☐	Detail in section 5
Are you in a position to carry out shoreline cleanup operations?	☐	☐	
Is the shoreline character considered or described in your contingency plan?	☐	☐	

VOLUNTEERS MANAGEMENT			
	Yes	No	Specify – Annex
Have you considered the management of volunteers in you contingency plan	☐	☐	

WASTE MANAGEMENT			
	Yes	No	Specify – Annex
Do you have a national policy regarding oily waste?	☐	☐	
Is there any treatment/disposal facilities/solutions available?	☐	☐	

COMMUNICATION			
Have you considered a communication plan, in your contingency plan for:			
	Yes	No	Specify – Annex
Operation activities	☐	☐	
Government/Industry relation	☐	☐	
Public relation	☐	☐	
Media relation	☐	☐	

CLAIMS			
	Yes	No	Specify – Annex
Is there any legal basis at national level for claims?	☐	☐	
Is the issue of claims included in your contingency plan	☐	☐	
Is there any national structure to deal with claims?	☐	☐	

EXPERTS			
	Yes	No	Specify – Annex
Would you consider integrating international experts in the coordination body	☐	☐	
Have you plan this integration	☐	☐	
Is the role of international experts clearly defined in your plan	☐	☐	

SECTION 3

REGIONAL AND INTERNATIONAL AGREEMENT/PROTOCOLS/CONVENTIONS

■ **REGIONAL CONVENTIONS:**

International Legal Instrument	Ratification			Implementation Transposition of the international intrument in the national legislation		
	Yes	No	Date	Yes	No	Specify (Law, decree, etc..:)
BARCELONA CONVENTION	☐	☐		☐	☐	
EMERGENCY PROTOCOL, 1976	☐	☐		☐	☐	
PREVENTION AND EMERGENCY PROTOCOL, 2002	☐	☐		☐	☐	

■ **SUBREGIONAL AGREEMENTS**

	STATUS	**DATE**	
☐	Plan Approved	Date of signature:	
		Ratification date	
☐	Relevant national legislation adopting the plan	Law, decree, etc..:	
☐	Activity related to the implementation of the plan	Exercises, trainings, meetings, etc,:	
☐	Authorities in charge of implementing the plan		
☐	Other comments		

■ **INTERNATIONAL CONVENTIONS**

International Conventions dealing with maritime safety and prevention from pollution from ships.

International Legal Instrument	Ratification			Implementation Transposition of the international intrument in the national legislation/		
	Yes	No	Date	Yes	No	Specify (Law, decree ,etc..:)
MARPOL 73/78 Convention – ANNEX I & ANNEX II	☐	☐		☐	☐	
MARPOL 73/78 – ANNEX III	☐	☐		☐	☐	
MARPOL 73/78 – ANNEX IV	☐	☐		☐	☐	
MARPOL 73/78 – ANNEX V	☐	☐		☐	☐	

International Conventions dealing with combating pollution

International Legal Instrument	Ratification			Implementation Transposition of the international intrument in the national legislation		
	Yes	No	Date	Yes	No	Specify (Law, decree, etc..:)
OPRC, 1990	☐	☐		☐	☐	
OPRC-HNS Protocol, 2000	☐	☐		☐	☐	

International Conventions dealing with liability and compensation for pollution damage

International Legal Instrument	Ratification			Implementation Transposition of the international intrument in the national legislation		
	Yes	No	Date	Yes	No	Specify (Law, decree, etc..:)
CLC 1992	☐	☐		☐	☐	
FUND 1992	☐	☐		☐	☐	
1996 HNS Convention	☐	☐		☐	☐	
Bunker Convention, 2001.	☐	☐		☐	☐	
LLMC Protocol 96	☐	☐		☐	☐	
Wreck Removal Convention, 2007	☐	☐		☐	☐	
Other *(*please quote*)*	☐	☐		☐	☐	

SECTION 4

RISK ASSESSMENT

This section contains information on environmental risks of the recognized routes used in maritime traffic (article 15).

■ **NATIONAL EXPOSURE**

Oil			
	Quantitites (bbl/day)		
Production			
Consumption			
Exportation			
Imports:			
Type:			
	Yes	No	
Offshore production	☐	☐	

Traffic	
Number of loaded tankers arriving/departing in/from the country	
Number of loaded chemical tanker arriving/departing in/from the country	

Traffic distribution			
Number of loaded tankers arriving/departing in/from the country			
Port A:	**%**	**Port B:**	**%**
Port C:	**%**	**Port D:**	**%**
Number of loaded chemical tanker arriving/departing in/from the country			
Port A:	**%**	**Port B:**	**%**
Port C:	**%**	**Port D:**	**%**

■ **PREVIOUS SPILLS/*HISTORIQUE DE DÉVERSEMENTS***

Please provide the date, location, type of pollutant and quantity of significant "Mediterranean" spills occurred in your country , which are not listed in the Annex I

Date	Location	Type of pollutant	Quantity

■ **SENSITIVE AREAS**

	Yes	No	Specify -Annex
Sensitivity Maps available/	☐	☐	
Sensitivity Maps under preparation/	☐	☐	
Coastline (km)			
Type of coastline			
Other relevant information			

SECTION 5

EXPERTISE AND EQUIPEMENT AVAILABLE AND MEASURES IN PLACE FOR TRANSBOUNDARY EXCHANGE

This section contains information on the expertise and equipment available in the country that the competent national authorities can put, under certain conditions, at the disposal of another Contracting Party to the Prevention and Emergency Protocol to the Barcelona Convention, when so requested in case of emergency (article 12.1). This section also contains information on the expertise and equipment available in the country for a national response.

- **Information concerning the State with expertise and equipment available.**

  - **ADDRESSES AND OPERATIONAL ARRANGEMENTS/**

TO WHOM THE REQUEST HAS TO BE ADDRESSED (please state the department and/or the position of the person to be contacted, **not the name** of the specific person)	
Full name of the institution	
Department or position	
Address (number, street, city)	
Telephone (24 hours a day)	
Telefax	
E-mail	
Working hours	
Financial conditions for expert services	
Restrictions (visa, etc.) concerning travel to any Mediterranean country? If yes, please indicate which countries	
Financial and other conditions (transportation, etc.) for making the equipment or product available to a requesting party	
Location of equipment and products are stored and nearest port or airport (city/port, city/airport)	

If you country was to request assistance (expertise/equipment).

Documents required for the entry of international experts in your territory
In case of emergency, is a visa required or can it provided at the airport?
What is the position regarding customs duties for equipment arriving for assistance (both entry and exit)?
Contact point for custom procedure (please state the department and/or the position of the person to be contacted, **not the name** of the specific person)

Full name of the institution	
Department or position	
Address (number, street, city)	
Telephone (24 hours a day)	
Telefax	
E-mail	
Working hours	

■ **EXPERTISE AVAILABLE (tick as appropriate)**

A) PREPARATORY ACTIVITIES			Expert and training Centres (please provide contact details)
Sensitivity mapping	☐ oil	☐ chemicals	
Risk assessment	☐ oil	☐ chemicals	
Contingency planning	☐ oil	☐ chemicals	
Training of personnel	☐ oil	☐ chemicals	

B) RESPONSE TO ACCIDENTS – OPERATIONAL	Expert and training Centres (please provide contact details)	
Firefighting	☐	
Response to oil spills at sea	☐	
Response to oil on shore	☐	
Response to spills/releases of HNS	☐	
Recovery of lost Packages of HNS	☐	
Aerial Surveillance	☐	
Satellite images	☐	

Overall emergency management	☐	
Shoreline decontamination	☐	
Modelling and forecasting	☐	
Impact – Wildlife and birds	☐	
Impact – Fisheries/fish farming	☐	
Accident site restoration ☐ oil ☐ chemicals		

C) RESEARCH AND DEVELOPMENT

Please indicate any research activitiy carried out or in process in the field of prepardness and response to marine pollution

Subject	Contacts	Description

■ **RESOURCES (tick as appropriate and/or indicate the quantity accordingly)**

A) PERSONNEL SUPPORT		
	Available for national use	At disposal of Contracting Parties
Protective clothing	☐	☐
Respiratory system	☐	☐
Specialized diving equipment	☐	☐

B) PRODUCTS	**(tick if available)**			
	Available for national use		At disposal of Contracting Parties	
Dispersants	☐		☐	
Bioremediation agents	☐		☐	
	Available for national use		At disposal of Contracting Parties	
	Oil	Chemicals	Oil	Chemicals
Sorbents	☐	☐	☐	☐
Emulsion breaker	☐	☐	☐	☐
(Rock) cleaning agents				
Other chemical agents				

C) EQUIPMENT / *EQUIPEMENTS*						
	Available for national use			At disposal of Contracting Parties		
Anti-pollution vessel	☐	Quantity		☐	Quantity	
Surveillance aircraft	☐	Quantity		☐	Quantity	
Aerial spraying aircraft	☐	Quantity		☐	Quantity	
Cargo transfer Pumps (oils)	☐	Quantity		☐	Quantity	
Cargo transfer Pumps Chemicals	☐	Quantity		☐	Quantity	
Hoses	☐	Quantity		☐	Quantity	
Inert gas generators	☐	Quantity		☐	Quantity	
Boom: offshore	☐	Length (meters)		☐	Length (meters)	
Boom: coastal	☐	Length (meters)		☐	Length (meters)	
Fireboom	☐	Length (meters)		☐	Length (meters)	
Skimming barrier	☐	Quantity		☐	Quantity	
Skimmer	☐	Quantity		☐	Quantity	
Pump	☐	Quantity		☐	Quantity	

Vessel-mounted spraying systems	☐	Quantity		☐	Quantity	
Portable spraying systems	☐	Quantity		☐	Quantity	
Spraying systems for helicopters	☐	Quantity		☐	Quantity	
Beach cleaner	☐	Quantity		☐	Quantity	
Pressure cleaner	☐	Quantity		☐	Quantity	
Vacuum system	☐	Quantity		☐	Quantity	
Flexible / portable container	☐	Quantity		☐	Quantity	
Plastic bags / sheets	☐	Quantity		☐	Quantity	
Subsea location and recovery device: (pollutant, packages)	☐	Quantity		☐	Quantity	
Underwater pumping system	☐	Quantity		☐	Quantity	
Overpacks	☐	Quantity		☐	Quantity	
Meters and samplers	☐	Quantity		☐	Quantity	
Others	☐	Quantity		☐	Quantity	

Are the means above mentioned owned by the government or by a private company (specify the name of the company)?

SECTION 6

TRAINING AND FOLLOW-UP*/ FORMATION ET SUIVI*

■ **WORKSHOPS, TRAINING AND EXERCICES (IN THE LAST 5 YEARS)**

Please provide the date, location, type of activity, name of organizers of any activity organized in your country or to which delegate of your government has assisted. The activities should be related to the preparedness and response including non REMPEC's activities (Twinning project, EU funded activities, etc…)

✓ **REMPEC FOCAL POINTS MEETING**

Year	Representative	Ministry/Department/Division…

✓ **REGIONAL ACTIVITIES**

Activity type	Activity Name	Participants

✓ **NATIONAL ACTIVITIES**

Activity Name	Outcomes/Conclusions/Recommendations

SECTION 7

NEEDS PRIORITY

■ **NEED OF SPECIFIC ASSISTANCE**
Please indicate the order of priority of your needs and complete the corresponding boxes

Priority order/		Specify
■ **SECTION 2**		
	Contingency Plan	☐ Development ☐ Update ☐ Test
	Containment and recovery	
	Use of dispersant	
	Shoreline protection and cleanup	
	Volunteers management	
	Communication	
	Waste management	
	Claims	
	Experts/experts	
	Other	
■ **SECTION 3**		
	Subregional agreements/	
	Ratification	
	Implementation	
■ **SECTION 4**		
	Risk assessment	
	Sensitivity mapping	
■ **SECTION 5**		
	Training	
	Workshop	
■ **ANY OTHER NEED**		

ANNEX 5

MOIG INDUSTRY QUESTIONNAIRE TEMPLATE

Draft Proposal

Oil Spill
Preparedness and Response

Self Assessment

COMPANY / ORGANIZATION CONTACT POINT

Company / Organization Name	
Department	
Head Office Address (number, street, city)	
Telephone	
Fax	
Email	
Working Hours	

TABLE OF CONTENTS

INTRODUCTION

The history of oil spill preparedness and prevention efforts has shown that immediately after an incident there is increased interest and attention. However, this is shortly followed by declining resources as attention shifts to other problems. Authorities, companies and individuals responsible for the management of preparedness and response capabilities do hold a certain degree of accountability when there is a failure in preparedness through the actual response to incidents.
After the success that had the MOIG "Integration of Emergency Plans" Workshop we held in Malta during the 8th Focal Points Meeting, the main recommendation raised to continue the work of cooperation between REMPEC and MOIG to organize a joint Government-Industry Workshop on Preparedness and Response to marine pollution to exchange information on the status of Preparedness and Response in the Mediterranean Sea from a Government and Industry perspective.
In this field, MOIG has prepared the following Questionnaire to assess the situation in term of Contingency Planning, Management, Equipment and cooperation with Government. REMPEC has carried out a similar assessment for Governments.
The Main objective of these two assessments is to enable REMPEC and MOIG to converge industry and Government assessments to identify common future activities for a better regional cooperation and level of preparedness and response between all stakeholders in the Region.

The fact that oil and gas Industry through the MOIG are the main drivers in the formation of this self assessment clearly demonstrates a willingness to improve the preparedness and response options available to them throughout the Mediterranean region.

Industry both at the national and international level participates in regional initiatives at various levels with regards to environmental protection; furthermore Industry is conscious as regards image and public opinion.

The main focus of the self assessment has been that of regional capability, with the understanding that the regional capability is fully reliant on the national capability of countries throughout the region including the capability of petroleum and maritime sector.

The data received shall be centralized and used for future planning and incident response, therefore in this regard it is imperative that the data provided is as accurate as possible.

The following assessment is based on the requirements of the Barcelona Convention "Prevention and Emergency Protocol" and the International Convention on Oil Pollution Preparedness, Response and Co-operation, OPRC 1990 and its article 6..

Each participating company and/or organization shall complete sections 1 to 4 and the relevant annexes. The completed documents shall be sent to the MOIG for inclusion on the centralized database.

SECTION 1 - OIL SPILL CONTINGENCY PLAN:

	OIL SPILL CONTINGENCY PLAN STATUS				
1.1	Do you have an Oil Spill Contingency Plan available	Yes ☐ *Go to Question 1.6*		No ☐ *Go to next Question*	
1.2	Do you have a draft of an Oil Spill Contingency Plan	Yes ☐ *Go to next Question*		No ☐ *Go to Question 1.4*	
1.3	What is the draft date			*Go to Question 1.6*	
1.4	Do you have an Oil Spill Contingency Plan Under Preparation	Yes ☐ *Go to next Question*		No ☐ *Go to Section 2*	
1.5	When is the Oil Spill Contingency Plan Expected				
1.6	Is the Oil Spill Contingency Plan based on a risk assessment	Yes ☐ *Go to next Question*		No ☐ *Go to Question 1.8*	
1.7	What are the Spill scenarios the plan is based on :- *(Please indicate the volumes in tons)*	Operational Spill			
		Worst Case Spill			
1.8	Is the Oil Spill Oil Contingency Plan approved	Yes ☐ *Go to next Question*		No ☐ *Go to Question 1.10*	
1.9	Details of Approval	Approved by			
		Approved Date			
1.10	Is the Oil Spill Oil Contingency Plan based on tiered response	Yes ☐		No ☐	
1.11	Has the Oil Spill Contingency Plan ever been used	Yes ☐		No ☐	
1.12	Details of Contingency Plan test	Last Test			
		Next Test			
1.13	Department / Person in Charge to maintain the Contingency Plan				
1.14	Dept / Person in Charge to implement the Contingency Plan				
1.15	What Area (s) is covered by the Plan *(Please attach separate sheet if required)*				
1.16	In terms of Capability Management what are the expected time frames of actual response utilizing the following resources – Days/Hrs	Local			
		National			
		International			
1.17	Does the Plan contain checklists? *(Please specify)*	Yes ☐		No ☐	
1.18	Does the plan contain oil spill modeling information	Yes ☐ *Go to next Question*		No ☐ *Go to section 2*	
1.19	Is the model outcome addressed in the Contingency plan	Yes ☐		No ☐	
1.20	What is the language of the plan *(Arabic, English, etc)*				

SECTION 2 – RESPONSE AND PROTECTION:

2.1 AT SEA OIL SPILL RESPONSE					
2.1.1	Do you have capability for at sea response	Yes ☐		No ☐	
		Go to next Question		*Go to Question 2.2.1*	
2.1.2	What is the capacity of at sea oil spill response	Tons			
2.1.3	How is the capacity determined	Skimmers			
		Storage			
		Oil Booms			
		Other			
2.1.4	Is the At Sea Capacity maintained all year round	Yes ☐		No ☐	
		Go to Question 2.1.6		*Go to next Question*	
2.1.5	What is the period that you maintain an offshore oil spill response capability	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
		Other (Please Specify)			
2.1.6	Do you have an Emergency Towing Vessels available	Yes ☐		No ☐	
		Go to next Question		*Go to Question 2.2.1*	
2.1.7	How many Emergency towing vessels are available	Number		Bollard Pull	

2.2 SHORELINE RESPONSE					
2.2.1	Do you have Capacity for shoreline protection operations	Yes ☐		No ☐	
		Go to next Question		*Go to Question 2.2.3*	
2.2.2	How is the shoreline protection capacity determined	Skimmers			
		Storage			
		Oil Booms			
		Other			
2.2.3	Do you have Capacity for shoreline response operations	Yes ☐		No ☐	
		Go to next Question		*Go to Question 2.3.1*	
2.2.4	How is the shoreline response capacity determined	Skimmers			
		Storage			
		Oil Booms			
		Other			

2.3 RESPONSE OPTIONS					
2.3.1	Do you have Capacity for chemical spill response (HNS)	Yes	☐	No	☐
2.3.2	Do you have Capacity for wildlife handling	Yes	☐	No	☐
2.3.3	Do you have Capacity to protect fisheries/fish farming	Yes	☐	No	☐
2.3.4	Do you have Capacity to protect water intakes	Yes	☐	No	☐
2.3.5	Do you have Pre determined response strategies	Yes	☐	No	☐
2.3.6	Is there Designated Sacrificial beaches	Yes	☐	No	☐

2.3.7	Do you have Capacity to protect sensitive areas	Yes	☐	No	☐
2.3.8	Is there Designated temporary staging areas	Yes	☐	No	☐
2.3.9	Do you have Command Posts (Fixed/Mobile)	Yes	☐	No	☐

	2.4 DISPERSANT				
2.4.1	Do you consider the use of dispersant a response option	Yes	☐	No	☐
2.4.2	How much dispersant do you have	Tons		bbls	
2.4.3	What is the method of dispersant application	Ariel			
		Ship			
		Other			
2.4.4	Is the use of dispersant and dispersant type pre approved by authorities	Yes	☐	No	☐
2.4.5	Is the Dispersant response option based on a time factor for the various oil types	Yes	☐	No	☐
2.4.6	Is Further approval required when dispersant is used in a response	Yes	☐	No	☐
2.4.7	Do you have a dispersant management plan	Yes	☐	No	☐

SECTION 3 – MANAGEMENT:

3.1 MONITORING AND EVALUATION:		
What types of monitoring and evaluation equipment do you have available. *(Please Specify)*		
3.1.1	Naval Surveillance *(Support vessels, please indicate number and type)*	
3.1.2	Aerial (Helicopter, Fixed wing)	
3.1.3	Satellite	
3.1.4	Oil Spill Modeling	
3.1.5	Fingerprinting	

3.2 RESPONSE TEAM:					
3.2.1	Do you have a Emergency Response Team available	Yes	☐	No	☐
3.2.2	Do you have a Emergency Response Team Organization Chart	Yes	☐	No	☐
3.2.3	Do you have a Emergency Response Team Job Description	Yes	☐	No	☐
3.2.4	Do you have a Emergency Response Team roster	Yes	☐	No	☐
3.2.5	Do you have a Management Plan for external personnel including Casual labor	Yes	☐	No	☐
3.2.6	Do you have a System of Induction for Emergency Response Team members	Yes	☐	No	☐
3.2.7	Do you have a System of Evaluation for Emergency Response Team member	Yes	☐	No	☐

3.3 WASTE					
3.3.1	Do you have a Waste management plan for oily waste	Yes	☐	No	☐
3.3.2	Is your Waste management plan approved by authorities	Yes	☐	No	☐
3.3.3	Do you have an Waste storage facilities	Yes	☐	No	☐
		Go to next Question		*Go to Question 3.2.7*	
3.3.4	Do you have Capacity for liquid storage	Tons		M^3	
3.3.5	Do you have Capacity for solid storage	Tons		M^3	
3.3.6	Do you have Waste treatment facilities	Yes	☐	No	☐
3.3.7	Is there a designated Waste Transportation system	Yes	☐	No	☐
		Go to next Question		*Go to Question 3.3.1*	
3.3.8	What is the capacity for Waste transportation on land	Tons		M^3	
3.3.9	What is the capacity for Waste transportation at Sea	Tons		M^3	

	3.4 COMMUNICATION				
3.4.1	Do you have a Communications plan	Yes	☐	No	☐
3.4.2	Does you have a plan for Public Relations	Yes	☐	No	☐
3.4.3	Does you have a plan for Media Relations	Yes	☐	No	☐
3.4.4	Is there a Common Language used in emergencies (*Please specify, Arabic, English, French etc.)*	Yes	☐	No	☐

	3.5 FINANCE				
3.5.1	Has Financial limits for decision makers been pre determined	Yes	☐	No	☐
3.5.2	Do you have a Claims and Compensation Mechanism	Yes	☐	No	☐
3.5.3	Is there a Finance Management Plan for Emergency Situations	Yes	☐	No	☐

	3.6 EXTERNAL SUPPORT: Regional / International				
3.6.1	Do you have a policy for the use of International Experts	Yes	☐	No	☐
3.6.2	Are you a Member of any International oil spill response organization	Yes	☐	No	☐
3.6.3	Are you a Member of any regional oil spill response organization	Yes	☐	No	☐
3.6.4	Are all visa and entry restrictions in place (Emergency Protocols)	Yes	☐	No	☐
3.6.5	Are the relevant infrastructure details known and up to date, (Airports, Hotels, Ports, Roads, Rail, Security etc)	Yes	☐	No	☐
3.6.6	Are there any restrictions regarding bringing external equipment and or chemicals	Yes	☐	No	☐
3.6.7	Do you need authority approval to activate your national/regional or international response agreement	Yes	☐	No	☐

SECTION 4 – PREPAREDNESS:

4.1 EXPOSURE						
Details Oil / Hydrocarbon						
		Type / Grade			**Quantity**	
4.1.1	Production					
4.1.2	Consumption					
4.1.3	Export					
4.1.4	Import					
4.1.5	Offshore Production		Yes	☐	No	☐
4.1.6	Offshore Production Platforms / Units		Number			
4.1.7	Mobile offshore Drilling Rigs / Units		Number			
4.1.8	Floating Storage Units		Number			
4.1.9	Other offshore Units *(Please specify)*		Number			

4.2 MARINE TRAFFIC *(Ports, Terminals and Canal only)*		
4.2.1	Number of Loaded oil tankers arriving / departing	
4.2.2	Average size and type of Oil Tankers (double/single hull)	
4.2.3	Number of Loaded chemical tankers arriving / departing	
4.2.4	Average size and type of Chemical Tankers (double/single hull)	
4.2.5	Number of Loaded vessels other than oil or chemical tankers arriving / departing	
4.2.6	Average size and type of vessels other than Oil or Chemical Tankers	

4.3 OFFSHORE SUPPORT VESSELS *(Offshore Operators, and Offshore Support Service Companies only)*							
4.3.1	Offshore Platform Supply Vessels	Yes	☐	No	☐	Number	
4.3.2	Anchor Handling Tugs	Yes	☐	No	☐	Number	
4.3.3	Diving Support Vessels	Yes	☐	No	☐	Number	
4.3.4	Survey Vessels	Yes	☐	No	☐	Number	
4.3.5	Other *(Please Specify)*	Yes	☐	No	☐	Number	

4.4 FOUNDATION DATA					
4.4.1	Do you Record all accidents *(even if no pollution)*	Yes	☐	No	☐
4.4.2	Do you record a near miss *(Possible accident)*	Yes	☐	No	☐
4.4.3	How many accidents has there been in the last 5 years				
4.4.4	How Many accidents have resulted in a spill in the last 5 years				
4.4.5	How many near miss situations have been recorded in the last 5 years				
4.4.6	How many near miss situations involved oil or chemical tankers in the last 5 years				

4.5 HISTORICAL SPILL DATA

Please provide the date, location, type of pollutant and quantity of significant spills that have occurred at opr near any of your facilities, including the marine vessels serving any of your failities.

Date	Location	Type of Pollutant	Quantity

4.6 SENSITIVE AREAS				
Details		**Yes**	**No**	**Specify / Attach Details**
4.6.1	Sensitive Maps Available	☐	☐	
4.6.2	Sensitive Maps under preparation	☐	☐	
4.6.3	Coastline (KM) covered	☐	☐	
4.6.4	Type of Coastline	☐	☐	
4.6.5	Other Relevant Information	☐	☐	

4.7 TRAINING					
Training Course		**Yes**	**No**	**Date Last Course**	**Please Specify the training course**
4.7.1	First Responder	☐	☐		
4.7.2	On Scene Commander	☐	☐		
4.7.3	Decision Maker	☐	☐		
4.7.4	Claims and Compensation	☐	☐		
4.7.5	Sensitivity Mapping	☐	☐		
4.7.6	Contingency Planning	☐	☐		
4.7.7	Computer Modeling	☐	☐		

4.7.8	Risk Assessment	☐	☐		
4.7.9	Other	☐	☐		

4.8 EXERCISES AND DRILLS					
A drill is a test of a portion of the emergency response system (for example, a communication test, or a desktop exercise to test emergency procedures and emergency teams responsible for an area selected for that particular drill). An "exercise" typically tests many facets of the emergency response system and often involves close coordination between various stakeholders.					
Preparedness tests		**Yes**	**No**	**Date Last Test**	**Comments**
4.8.1	Oil Spill Drills (Desktop)	☐	☐		
4.8.2	Oil Spill Drill (Communication)	☐	☐		
4.8.3	Oil Spill exercise (Deployment)	☐	☐		

4.9 LEGAL FRAMEWORK				
Dependant on the nature of your business and the owners, managers or partners of the business, your company shall follow a certain legal framework, in order to ascertain the legal framework your company operates within please answer the following.				
		Yes	**No**	**Please Specify**
4.9.1	Environmental Legislation followed for the management of Hydrocarbon / Chemicals.	☐	☐	
4.9.2	Competent Authority you are responsible to for the management of Hydrocarbon / Chemicals.	☐	☐	
4.9.3	Oil Spill Contingency Plan, National, Oil Sector, Regional or area.	☐	☐	

ANNEX 1 – RESPONSE EQUIPMENT

A1	Do you have containment and recovery equipment available	Yes	☐	No	☐
		Go to next Question		*Go to Annex 2*	
A2	Is the containment and recovery equipment available to others	Yes	☐	No	☐
		Complete Colum 1		*Complete Colum 1*	

Equipment Status		**Colum 1**			**Colum 2**		
No	**Description**	**Available for Own use**			**Available to Others**		
1	Emergency Response Vessel	☐	Quantity Number		☐	Quantity Number	
2	Surveillance Aircraft	☐	Quantity Number		☐	Quantity Number	
3	Ariel Dispersant Application	☐	Quantity Number		☐	Quantity Number	
4	Cargo Transfer Pumps (Oil)	☐	Quantity Number		☐	Quantity Number	
5	Hoses	☐	Quantity Number		☐	Quantity Number	
6	Generators (Inert Gas)	☐	Quantity Number		☐	Quantity Number	
7	Boom Offshore	☐	Length (Meters)		☐	Length (Meters)	
8	Boom Coastal	☐	Length (Meters)		☐	Length (Meters)	
9	Skimmer Barrier	☐	Quantity Number		☐	Quantity Number	
10	Skimmer	☐	Quantity Number		☐	Quantity Number	
11	Pumps	☐	Quantity Number		☐	Quantity Number	
12	Vessel Mounted Spraying Systems	☐	Quantity Number		☐	Quantity Number	
13	Portable Spraying System	☐	Quantity Number		☐	Quantity Number	
14	Spraying Systems for Helicopters	☐	Quantity Number		☐	Quantity Number	
15	Beach Cleaner	☐	Quantity Number		☐	Quantity Number	
16	Pressure Washers	☐	Quantity Number		☐	Quantity Number	
17	Vacuum Systems	☐	Quantity Number		☐	Quantity Number	
18	Temporary Storage Tanks	☐	Quantity Number		☐	Quantity Number	
19	Plastic Bags / Sheeting	☐	Quantity Number		☐	Quantity Number	
20	Subsea location and Recover Device	☐	Quantity Number		☐	Quantity Number	
21	Underwater Pumping systems	☐	Quantity Number		☐	Quantity Number	
22	Meters and Samplers	☐	Quantity Number		☐	Quantity Number	
23	Mobile Incident units	☐	Quantity Number		☐	Quantity Number	

24	Earth Moving equipment	☐	Quantity Number		☐	Quantity Number	
25	Small Workboats	☐	Quantity Number		☐	Quantity Number	
26	Trucks	☐	Quantity Number		☐	Quantity Number	
27	Adsorbents rolls, pads and sheets	☐	Quantity Number		☐	Quantity Number	
28	Other	☐	Quantity Number		☐	Quantity Number	

ANNEX 2 – REQUESTING EXTERNAL ASSISTANCE

If your company / organization was to request assistance (Expertise and or Equipment)

A2.1 ASSISTANCE REQUEST				
A2.1.1	Are there any restrictions on the movement of equipment within the country, e.g. passes, permits, day and night travel?			
A2.1.2	Are there any restrictions on the movement of response teams, e.g. Passes, permits, day and night travel together with accommodation?			
A2.1.3	Documents required for the entry of international experts			
		Yes	**No**	**Please Specify**
A2.1.4	Do you have protocols in place for the movement of equipment in country	☐	☐	
A2.1.5	Do you have protocols in place for the movement of response teams in country	☐	☐	
A2.1.6	Can a Visa be obtained at the Airport (International)	☐	☐	
A2.1.7	Can equipment enter/exit free of customs duties (International)	☐	☐	
A2.1.8	Is there restriction to enter / exit dispersant (International)	☐	☐	

A2.2 CONTACTS (Emergency Protocol Management)	
A2.2.1	Please state the department / position of the person responsible to ensure emergency protocols are followed in Emergency situations (Not the name of the Person)
Full Name of the Company responsible	
Department or Position	
Address (Number, Street, City)	
Telephone (24 Hrs)	
Telefax	
E-Mail	
Working Hours	

A2.3 CONTACTS (External support)		
A2.2.2	Please state the department / position of the person responsible to request external support for emergency situations. (Not the name of the Person)	
Full Name of the Company responsible		
Department or Position		
Address (Number, Street, City)		
Telephone (24 Hrs)		
Telefax		
E-Mail		
Working Hours		

A2.4 LEVEL OF ASSISTANCE REQUIRED

An emergency can unveil all sorts of issues and therefore it is difficult to determine what type of assistance would be required, However in order to determine the reliance on external support be it in country or international we need to ascertain your company / organizations expectations on what would be required. As an expectation when not met in times of crisis can further complicate the unfolding emergency. Please indicate the most likely type of assistance your company would expect when faced with an emergency situation.

A2.3.1	Firefighting	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.2	Response to Oil Spills at Sea	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.3	Response to Oil Spills on shore	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.4	Response to Spills of HNS	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.5	Ariel Surveillance	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.6	Satellite Images	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.7	Emergency Management	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.8	Shoreline Clean up (Decontamination)	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.9	Modeling and Forecasting	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.10	Impact – Wildlife and Birds	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.11	Impact – Fisheries/Fish farms	Equipment	☐	Personnel	☐	Expertise	☐
A2.3.12	Claims and Compensation (Advise and Council)	Technical	☐	Operational	☐	Legal	☐
A2.3.13	Legal (Advise and Council)	Local	☐	National	☐	International	☐

ANNEX 3 – RENDERING ASSISTANCE

If your company / organization was requested for assistance (Expertise / Equipment)

A3.1 ASSISTANCE REQUEST				
A3.1.1	Are there any restrictions on the movement of your equipment within the country, e.g. passes, permits, day and night travel?			
A3.1.2	Are there any restrictions on the movement of your response teams, e.g. Passes, permits, day and night travel?			
A3.1.3	Are there any financial or insurance restrictions on the use of your resources, (Equipment and Personnel)			
		Yes	**No**	**Please Specify**
A3.1.4	Are there Protocols in place for the movement of your equipment in country	☐	☐	
A3.1.5	Are there Protocols in place for the movement of your response teams in country	☐	☐	
A3.1.6	Can your equipment exit/enter free of customs duties (International)	☐	☐	
A3.1.7	Is there restriction to exit/enter dispersant (International)	☐	☐	

A3.2 CONTACTS (Emergency Protocol Management)	
A3.2.1	Please state the department / position of the person responsible to ensure emergency protocols for the release of resources (equipment and Personnel) are followed in Emergency situations (Not the name of the Person)
Full Name of the Company responsible	
Department or Position	
Address (Number, Street, City)	
Telephone (24 Hrs)	
Telefax	
E-Mail	
Working Hours	

A3.3 CONTACTS - (Support Provision)		
A3.2.2	Please state the department / position of the person responsible to release resources (equipment and personnel) in support of emergency situations. (Not the name of the Person)	
Full Name of the Company responsible		
Department or Position		
Address (Number, Street, City)		
Telephone (24 Hrs)		
Telefax		
E-Mail		
Working Hours		

A3.4 RENDERING ASSISTANCE							
An emergency can unveil all sorts of issues and therefore it is difficult to determine what type of assistance would be required, However in order to determine what reliance can be put on your support be it in country or international we need to ascertain the type and level of support that could be provided.							
A3.3.1	Firefighting	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.2	Response to Oil Spills at Sea	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.3	Response to Oil Spills on shore	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.4	Response to Spills of HNS	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.5	Ariel Surveillance	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.6	Satellite Images	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.7	Emergency Management	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.8	Shoreline Clean up (Decontamination)	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.9	Modeling and Forecasting	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.10	Impact – Wildlife and Birds	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.11	Impact – Fisheries/Fish farms	Equipment	☐	Personnel	☐	Expertise	☐
A3.3.12	Claims and Compensation (Advise and Council)	Technical	☐	Operational	☐	Legal	☐
A3.3.13	Legal (Advise and Council)	Local	☐	National	☐	International	☐

ANNEX 4 – ASSISTANCE (prevention preparedness and response enhancement requirements)

Please indicate the order of priority your company / organization places on the need for further improvement/enhancement (if required)

	Specific Needs		
	Priority	**Description**	**Specify / Details**
A4.1.1		Environmental Impact Assessment	
A4.1.2		Integrated Impact Assessment	
A4.1.3		Contingency Plan	
A4.1.4		Containment and Recovery	
A4.1.5		Type / approval and Use of Dispersants	
A4.1.6		Shoreline Protection and Cleanup	
A4.1.7		Volunteers management	
A4.1.8		Communication	
A4.1.9		Waste Management	
A4.1.10		Claims and Compensation	
A4.1.11		Experts	
A4.1.12		Legislation (National)	
A4.1.13		Legislation (International)	
A4.1.14		Regional Agreements	
A4.1.15		Sub regional Agreements	
A4.1.16		Risk Assessment	
A4.1.17		Sensitivity Mapping	
A4.1.18		Training	
A4.1.19		Workshop	
A4.1.20		HNS	
A4.1.21		Any other need	
A4.1.22		Sustainable Development	
A4.1.23		Other *(Please specify)*	

ANNEX 5 – FUTURE CO-OPERATION

Emergency response is fully reliant on cooperation and in this regard we would value your input on the following

A5.1 TIERED RESPONSE							
A5.1.1	Tier 1 resources in Country (Local Resources)	Adequate	☐	Insufficient	☐	unknown	☐
A5.1.2	Tier 2 resources in Country (National/Area Resources)	Adequate	☐	Insufficient	☐	unknown	☐
A5.1.3	Tier 3 resources (International Resources)	Adequate	☐	Insufficient	☐	unknown	☐

A5.2 SUPPORT ORGANIZATIONS							
A5.2.1	International oil companies support organizations	Adequate	☐	Insufficient	☐	unknown	☐
A5.2.2	National Oil and Joint venture companies support organizations	Adequate	☐	Insufficient	☐	unknown	☐
A5.2.3	Maritime sector support organization	Adequate	☐	Insufficient	☐	unknown	☐
A5.2.4	National Support Organizations	Adequate	☐	Insufficient	☐	unknown	☐
A5.2.5	Regional support organizations	Adequate	☐	Insufficient	☐	unknown	☐
A5.2.6	International Support Organizations	Adequate	☐	Insufficient	☐	unknown	☐

A5.3 SHARING SCHEMES – TO CASCADE RESOURCES IN TIMES OF EMERGENCY							
A5.3.1	International oil companies sharing scheme for resources in country	Adequate	☐	Insufficient	☐	unknown	☐
A5.3.2	National Oil and Joint venture companies sharing scheme for resources in country	Adequate	☐	Insufficient	☐	unknown	☐
A5.3.3	Maritime sector sharing scheme for resources in country	Adequate	☐	Insufficient	☐	unknown	☐
A5.3.4	Regional sharing scheme to bring resources in country	Adequate	☐	Insufficient	☐	unknown	☐
A5.3.5	International sharing scheme to bring resources in country	Adequate	☐	Insufficient	☐	unknown	☐

A5.4 MAINTAINING PREPAREDNESS AND RESPONSE							
A5.4.1	Stakeholders participating in emergency planning	Adequate	☐	Insufficient	☐	unknown	☐
A5.4.2	Local Drills *(Other than your own facilities)*	Adequate	☐	Insufficient	☐	unknown	☐
A5.4.3	Area / National Exercises to cascade and integrate resources	Adequate	☐	Insufficient	☐	unknown	☐
A5.4.4	International Exercises to cascade and integrate resources	Adequate	☐	Insufficient	☐	unknown	☐

A5.5 FINANCE AND MANAGEMENT									
Maintaining an adequate level of preparedness and response is costly to any company / organization, Accident rates are decreasing, however inevitably they shall still occur, therefore there is a definite need to maintain a level of preparedness and response commiserate to the identified risk, one such way is sharing resources. In order to effectively ensure adequate resources there must be a budget available. Can you please indicate your company's views on the following?									
A5.5.1	Financial participation in an national response system.	No	☐	Yes	☐	Not at This Time	☐	Own Resources are adequate	☐
A5.5.2	Participate with regional oil spill response organizations	No	☐	Yes	☐	Not at This Time	☐	Own Resources are adequate	☐
A5.5.3	Participate with international oil spill response organizations	No	☐	Yes	☐	Not at This Time	☐	Own Resources are adequate	☐

A5.5 GOVERNMENT AND INDUSTRY COOPERATION							
A5.5.1	What level of communication/dialogue between Government and Oil Industry exits	High	☐	Medium	☐	absent	☐
A5.5.2	Are Industry Oil Spill Contingency Plans in line with the National one	No	☐	Yes	☐	unknown	☐
A5.5.3	Are the Industry Emergency Plans co-ordinated with the National system established in accordance with art.6 of the OPRC and approved in accordance with procedures established by the Competent National Authority	No	☐	Yes	☐	unknown	☐
A5.5.4	Does Oil Companies communicate/exchange information regularly with other Oil Companies operating in the same Country	No	☐	Yes	☐	unknown	☐
A5.5.5	Is there any specific Agreement, Arrangement, Committee or Mechanism	High	☐	Medium	☐	absent	☐
A5.5.6	Does Industry organize regularly joint exercise with other industry operating locally	No	☐	Yes	☐	unknown	☐
A5.5.7	Does Industry and Government organize joint exercise	No	☐	Yes	☐	unknown	☐
A5.5.8	If Government requires equipment or expertise would you be in a position to assist and under which condition	No	☐	Yes	☐	unknown	☐

For further and detailed information to answer the Section A5.5 Question, please complete Hein after:

GLOSSARY

At Sea Response	The ability to mount a response within the at sea area at estimated time frame. Pre planning and resources are critical in determining the at sea response capability.
Dispersant management plan	A plan designed for the full management of dispersant. Buying approved certified types, Stock control, Pre-Use approval, Use Approval, Use, resupply and recertification.
Mobilization	The time it takes to get the resources assembled and prepared at the staging site.
Near shore	Means the area extending seaward 12 nautical miles from the line of demarcation.
Oil	Means petroleum in any form including crude oil, fuel oil, sludge, oil refuse and refined products.
Offshore Unit	Means any fixed or floating offshore installation or structure engaged in gas or oil exploration, exploitation or production activities, or loading or unloading of oil.
Oil Boom	Boom that is used to collect and hold oil on the surface of the water for recovery by skimmers or similar collection devices.
Oil Pollution Incident	Means an occurrence or series of occurrences having the same origin, which results or may result in a discharge of oil and which poses or may pose a threat to the marine environment, or to the coastline or related interests of one or more States, and which requires emergency action or other immediate response.
Oil Spill Modeling	A computer software predicting the movement of oil and scale of impact on resources, utilizing real time and operator input data to provide a valuable planning tool for preparedness and a powerful response tool for decision support when used in combination with in-field surveillance.
Own Resources	Equipment and personnel dedicated primarily to oil spill response, cleanup, and spill containment. Such equipment and personnel are not utilized for any other activity that would affect the response capability.
Protective boom	Boom used for deflecting/diverting or otherwise influencing oil on the water surface away from sensitive environments, often but not always toward containment sites.
Sea Port	Means those facilities which present a risk of an oil pollution incident and includes, inter alia, sea ports, oil terminals, pipelines and other oil handling facilities.
Ship	Means a vessel of any type whatsoever operating in the marine environment and includes hydrofoil boats, air-cushion vehicles, submersibles, and floating craft of any type.
Shoreline Protection	The capability to protect a certain area of coastline from the impact of an oil spill. The actual area that can be protected shall be applicable to pre planning and the resources available.
Shoreline Response	The ability to mount a response from the shoreline, deploying resources from designated areas. The actual response ability shall be determined by pre planning, available resources and the type of shoreline.
Skimmers	Devices used to remove spilled oil from the surface of the water through means of mechanical suction, adhesion, absorption, adsorption, or some similar mechanism of action that allows separation and recovery of spilled oil from the water's surface.
Worst Case Discharge (WCD)	The largest foreseeable discharge. In the case of a tank vessel, a discharge, in adverse weather conditions, of a tank vessel's entire oil cargo

1.0 INTERNATIONAL CONVENTION ON OIL POLLUTION PREPAREDNESS, RESPONSE AND CO-OPERATION, 1990

ARTICLE 6

NATIONAL AND REGIONAL SYSTEMS FOR PREPAREDNESS AND RESPONSE

1.1 Each Party shall establish a national system for responding promptly and effectively to oil pollution incidents. This system shall include as a minimum:

(a) The designation of:

(i) The competent national authority or authorities with responsibility for oil pollution preparedness and response;
(ii) The national operational contact point or points, which shall be responsible for the receipt and transmission of oil pollution reports as referred to in article 4; and
(iii) An authority which is entitled to act on behalf of the State to request assistance or to decide to render the assistance requested;

(b) A national contingency plan for preparedness and response which includes the organizational relationship of the various bodies involved, whether public or private, taking into account guidelines developed by the Organization.

1.2 In addition, each Party, within its capabilities either individually or through bilateral or multilateral co-operation and, as appropriate, in co-operation with the oil and shipping industries, port authorities and other relevant entities, shall establish:

(a) A minimum level of pre-positioned oil spill combating equipment, commensurate with the risk involved, and programmes for its use;
(b) A programme of exercises for oil pollution response organizations and training of relevant personnel
(c) Detailed plans and communication capabilities for responding to an oil pollution incident. Such capabilities should be continuously available; and
(d) A mechanism or arrangement to co-ordinate the response to an oil pollution incident with, if appropriate, the capabilities to mobilize the necessary resources.

1.3 Each Party shall ensure that current information is provided to the Organization, directly or through the relevant regional organization or arrangements, concerning:

(a) The location, telecommunication data and, if applicable, areas of responsibility of authorities and entities referred to in paragraph (1)(a);
(b) Information concerning pollution response equipment and expertise in disciplines related to oil pollution response and marine salvage which may be made available to other States, upon request; and Its national contingency plan.

ANNEX 6

MOIG SHORT ASSESSMENT FORM TEMPLATE

Site Name:	
Operating Company:	
Site Address:	
Site Type:	

1. Oil Spill Response Emergency contact: Yes/No
- 24h Emergency Number: ----------
- Contact Name: ----------
- Email: ----------

2. Oil Spill Contingency Plan: Yes/No
- Developed: ----------
- Last update: ----------

3. Equipment available:
- Tier 1 equipment available on site: Yes/No
- If yes specify: ----------

- Tier 2 and Tier 3 arrangement in place: Yes/No
- If yes specify:----------

- Mutual aid agreement in place (industry/industry – industry/ (government) Yes/No
- If yes specify: ----------

4. Trained personnel available for oil spill response: Yes/No
- If yes specify:----------

5. Oil Spill Exercise organised within last year: Yes/No
- If yes specify: ----------

6. Kindly provide your view on possible improvement on oil spill preparedness and response and cooperation in the Mediterranean region.

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7. Previous oil spill experiences (Year, location, cause)

ANNEX 7

Opening speech by the International Maritime Organization representative
Stefan Micallef, Deputy Director, Marine Environment Division

It is a great pleasure to be here with you today and I bring with me the greetings and congratulations of International Maritime Organization. I am particularly pleased to see the mix of industry and government representatives since you are the key players for regional co-operation on preparedness and response to accidental marine pollution.

It is well recognized that the process of encouraging effective and sustainable preparedness and response action must be done in a co-operative manner with government and industry participating willingly. The foundation for this lies in the OPRC Convention whilst the catalyst for this process lies in the co-operation of the industry with the IMO and the ability to influence industry activity and governments respectively, both at a national and a regional level through what is know as the Global Initiative. Thus partnership among governments and industry is essential in arranging effective mechanisms for regional pollution preparedness and response. Such a partnership brings us back to the two notions underpinning the Global Initiative; regional outreach and working together.

You will in the next two days be breaking important ground focusing on industry/government cooperation within the context of regional co-operation in the Mediterranean. You would need to chart a way forward on the concrete measures to be taken, in the short, medium and long term to develop and put in place a sustainable mechanism for this cooperation [between industry and governments]. This you would need to do through very frank discussions on the most appropriate formula for a shared responsibility as you consider possibly new and innovative arrangements for this cooperation bearing in mind that this which will require the political will, drive and commitment, at all levels to ensure success in the long term.

Through these discussions you would provide an opportunity for working together and lay the foundations of a reinforced co-operative system between Government and Industry whereby pollution incidents can be efficiently dealt with in Mediterranean waters. In the true spirit of the Mediterranean I am sure that by the end of this week, you would have made inroads to this initiative so that the process that you would have initiated will continue for years to come in the pursuit of our common objectives and that you will also have an enjoyable stay in this historic city.

Ladies and Gentlemen welcome to this Workshop and thank you.