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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



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Regional Marine Pollution Emergency Response
Centre for the Mediterranean Sea (REMPEC)

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DEVELOPMENTS IN THE FIELD OF PORT RECEPTION FACILITIES

Note by the Secretariat

Summary of REMPEC's activities in the field of port reception facilities in the Mediterranean region

1. A technical assistance project related to port reception facilities in the Mediterranean region ("Port reception facilities for collecting ship-generated garbage, bilge waters and oily wastes – MED.B7.4100.0415.8") was implemented by REMPEC between 2002 and 2004. The Project was financed by the European Commission's MEDA Fund, which is aimed at providing financial resources to projects carried out within the Euro-Mediterranean Partnership inaugurated at the 1995 Barcelona Conference.
2. The project's objective was to facilitate the implementation of MARPOL Annexes I (Oil) and V (Garbage), under which the Mediterranean Sea has been designated as a Special Area, in ten MEDA beneficiary countries i.e. Algeria; Cyprus; Egypt; Israel; Lebanon; Malta; Morocco; Tunisia; Turkey and Syria. Moreover, four Mediterranean EU Member States (France, Greece, Italy and Spain) were associated to the project in view of their experience in implementing the EU Directive 2000/59/EC on port reception facilities for ship-generated waste and cargo residues.
3. REMPEC sourced additional funding from its budget and from the Integrated Technical Co-operation Programme of the International Maritime Organisation (IMO) to carry out similar activities in some Mediterranean countries, namely Albania, Croatia, Slovenia and Libya, that did not benefit from the EC/MEDA financed project. It should also be noted that under a separate comprehensive programme of activities, REMPEC completed a similar assessment in Montenegro in March 2007.
4. Comprehensive field-missions for assessing the availability of reception facilities in the relevant ports and oil terminals of the above mentioned Mediterranean coastal States were carried out with the assistance of experts selected and appointed by REMPEC. In total, to date, seventy-four ports/oil terminals were visited in fifteen Mediterranean countries.

5. On the basis of the results of the assessment, optimum solutions for the collection, treatment and disposal of ship-generated solid and liquid wastes were proposed. Standard designs for oil and garbage reception facilities were prepared and made available to the Mediterranean coastal States for their implementation in their ports and terminals.

6. The results of these activities were presented and discussed during a regional seminar organised by REMPEC in Malta (24-26 November 2004).

Dissemination of the results and follow-up

7. REMPEC also endeavoured to disseminate to the maximum extent the results of the activities carried out. In that respect, the Centre posted all reports and studies, produced in both English and French, on its website.

8. Moreover, in 2005, REMPEC produced a specific publication entitled "Port Reception Facilities – A Summary of REMPEC's Activities in the Mediterranean Region", outlining the activities carried out by the Centre in the field of port reception facilities and their results. A French version of the publication was also prepared and disseminated in February 2007. Copies of the publication (in both languages) were forwarded to REMPEC Prevention and OPRC Focal Points, which were invited to ensure wide dissemination to all interested stakeholders in their respective countries, as well as to other regional seas programmes and relevant organisations.

9. A document (MEPC 53/INF.14) providing information on the implementation by REMPEC of the EC/MEDA Port reception Facilities Project and of complementary activities implemented in other Mediterranean coastal States was submitted to the 53rd Session of IMO's Marine Environment Protection Committee (MEPC), held between 18 and 22 July 2005.

10. Within the framework of a specific activity ("Identification of additional initiatives on port reception facilities") of the EU financed MEDA Project "Euromed Co-operation on Maritime Safety and Prevention of Pollution from Ships - SAFEMED", currently being implemented by REMPEC, a study was commissioned to identify possible sources of financing for the establishment of port reception facilities. The study identifies the procedures and conditions of potential financial institutions for financing such facilities, provides information on the financing requirements for such projects, and outlines the type of assistance that can be expected from the said financial institutions.

Further possible follow-up action to give effect to the Special Area status of the Mediterranean Sea with respect to MARPOL Annex V

11. There are currently eight Special Areas designated under Annex V of MARPOL, namely: the Mediterranean Sea, the Black Sea area, the Baltic Sea area, the Red Sea area, the "Gulf area", the North Sea area, the Antarctic Area and the Wider Caribbean region. Within Special Areas, stricter regulations apply for the disposal of garbage:

- the disposal of any garbage other than food wastes into the sea is prohibited; and
- food wastes can only be disposed of at sea more than 12 nautical miles from land.

12. Although the Mediterranean Sea is designated as a Special Area under MARPOL Annex V, the Special Area status has not yet taken effect as, in terms of regulation 5(4)(b) of MARPOL Annex V, the Government of each Party to the Convention, the coastline of which borders the Special Area in question, shall notify IMO that adequate reception facilities in accordance with regulation 7 of the said Annex V, are provided in all its ports within the Special Area. Upon receipt of notifications, IMO, through MEPC Resolution, will establish a date from which the Special Area requirements shall take effect. To date, IMO has not

received notifications from the Governments of the Mediterranean coastal States Parties to MARPOL and the Special Area status of the Mediterranean Sea with regard to MARPOL Annex V has not yet taken effect.

13. The results of the assessment carried out in relevant ports of Mediterranean coastal States within the framework of REMPEC's activities in the field of port reception facilities, concluded that almost all surveyed ports provide adequate port reception facilities for garbage. These results are summarized in the table appearing in the **Annex** to the present document. Thus, the conditions required for the Special Area status of the Mediterranean Sea to take effect with regard to MARPOL Annex V are in practice being met.

14. In view of the above, taking into consideration the concern of IMO that the Special Area status of the Mediterranean Sea with regard to MARPOL Annex V has not yet come into effect, and considering that the disposal of garbage is a major source of pollution from ships, a joint submission containing the necessary notifications on the measures taken with respect to port reception facilities for garbage could be submitted to IMO.

15. In order to facilitate the joint action of the Mediterranean coastal States Parties to MARPOL, REMPEC may be entrusted to co-ordinate action at the regional level leading to a submission to IMO's MEPC containing the notifications by Mediterranean coastal States that adequate garbage reception facilities are provided in their respective ports, in accordance with regulation 7 of MARPOL Annex V.

The Meeting of Focal Point is invited to:

- **take note** of the information provided in the present document;
- **decide** upon a joint submission to IMO's MEPC by Mediterranean coastal States Parties to MARPOL containing the required notifications that adequate garbage reception facilities are provided in their ports;
- **agree** to entrust REMPEC to co-ordinate action at the regional level leading to a submission to IMO's MEPC containing the notifications by Mediterranean coastal States that adequate garbage reception facilities are provided in their respective ports;
- **recommend** that the Contracting Parties to the Barcelona Convention, at their 15th Ordinary Meeting, support the decision of the Meeting to entrust REMPEC to co-ordinate action at the regional level, with a view to give effect to the Special Area status of the Mediterranean Sea with regard to MARPOL Annex V.

ANNEX

Assessment of Port Reception Facilities for Garbage in the Mediterranean Region

Ports assessed in MEDA PRF Project beneficiary countries	Estimates of ship-generated garbage that could be received at the port (m³/year)	Adequacy of port reception facilities for garbage in terms of capacity	Remarks - Proposals
Algeria			
Algiers	1,467	Adequate	
Annaba	336	Adequate	
Arzew - Bethioua	1,363	Adequate	
Bejaia	583	Adequate	
Ghazaouet	207	Adequate	
Jizel	69	Adequate	
Mostaganem	352	Adequate	
Oran	786	Adequate	
Skikda	1,914	Adequate	A garbage transfer station would optimize the collection and transport pattern.
Tenes	13	Adequate	
Cyprus			
Larnaka	458	Adequate	
Limassol	4,970	Adequate	Although adequate, it is recommended to establish a garbage transfer station.
Vassiliko	38	Adequate	
Egypt			
Alexandria & Dhekelia	4,426	Adequate	A garbage transfer station in Alexandria would optimize the collection and transport pattern.
Damietta	991.6	Adequate	A port based incinerator for dry garbage operates in Damietta.
Port Said	1,032	Adequate	

Ports assessed in MEDA PRF Project beneficiary countries	Estimates of ship-generated garbage that could be received at the port (m ³ /year)	Adequacy of port reception facilities for garbage in terms of capacity	Remarks - Recommendations
Israel			
Ashdod	3,994	Adequate	
Hadera	242	Adequate	
Haifa	8,746	Adequate	
Lebanon			
Beirut	1308	Adequate	
Saida	155	Although the needs of the port are limited, storage receptacles and a skip loader truck should be provided.	
Selaata	41	Adequate	
Tripoli	461	Adequate	
Malta			
Marsaxlokk	2,049	Adequate	
Valletta	4,553	Adequate	Establishment of a transfer station at a suitable place in the port area to optimize garbage collection and transport is recommended.
Morocco			
Nador	3,768	Adequate	
Tangiers	1,295	Adequate	
Syria			
Lattakia	1,123	Adequate	
Tartous	829	Although the needs of the port are limited, storage receptacles and a skip loader truck should be provided.	

Ports assessed in MEDA PRF Project beneficiary countries	Estimates of ship-generated garbage that could be received at the port (m ³ /year)	Adequacy of port reception facilities for garbage in terms of capacity	Remarks - Proposals
Tunisia			
Bizerte & Menzel Bourguiba	271	Adequate	
La Goulette & Rades	1.612	Adequate	
Sfax	1,580	Adequate	
Sousse	1,295	Adequate	
Gabes	1,526	Adequate	
Zarzis	445,8	Adequate	
Turkey			
Iskenderun	586.5	Adequate	
Dikili	176.8	Adequate	
Kusadasi	2,106	Adequate	Adequate collection pattern has achieved 90% of ships to deliver garbage.
Mersin	1,894	Although facilities are available, 2 trucks of a capacity of at least 10 – 15 m ³ or/and proper receptacles are needed to achieve a collection of garbage meeting the needs of ships.	
Bodrum	1,695	Adequate	
Marmaris	245	Adequate	
Nemrut Bay	1,662	Adequate	
Izmir	1,384	Adequate	
Antalya	460,5	Adequate	

Port assessed in other Mediterranean Coastal States	Estimates of ship-generated garbage that could be received at the port (m ³ /year)	Adequacy of port reception facilities for garbage in terms of capacity	Remarks - Proposals
Albania			
Durres	3,571	Adequate	
Vlore	558	Adequate	
Shengjin	227	Adequate	
Saranda	347	Although garbage collection is in place, additional reception capacity is required to serve the needs of ships delivering small volume garbage. A more frequent emptying and transport to the landfill is needed.	
Croatia			
Dubrovnik	1,417	Adequate	
Ploce	1,162	Adequate	
Split	6,390	Adequate	
Zadar	2,336	Adequate	Capacities for garbage collection will have to be extended taking into consideration estimations for 2010 regarding ferry and cruise lines expected to be accommodated in the port.
Sibenik	400-500	Adequate	
Rijeka-Rasa	1,700	Adequate	
Plomin	Not provided	Adequate	
Slovenia			
Koper	2,472	Adequate	

Port assessed in other Mediterranean coastal States	Estimates of ship-generated garbage that could be received at the port (m ³ /year)	Adequacy of port reception facilities for garbage in terms of capacity	Remarks - Proposals
Libya			
Tripoli	1,779	Adequate	
Misurata	839	A non-systematic service is available, but the garbage collection should be improved, also in terms of capacity (receptacles and vehicles)	
Khoms	564	Adequate	
Zawia Oil Terminal	488	A non-systematic service is available, but a waste reception and storage barge should be made available in the area of the terminal to collect garbage upon request.	