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MEDITERRANEAN ACTION PLAN

Meeting of the Bureau of the Contracting Parties
to the Convention for the protection of the
Mediterranean Sea against pollution and its related
protocols

Athens, 18 February 1988

PROGRESS REPORT BY THE CO-ORDINATOR
(1 October 1987 - 31 January 1988)

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I. CO-ORDINATION

A. Fifth Ordinary Meeting of the Contracting Parties

1. The Meeting was convened in Athens, 7-11 September 1987 under the presidency of H.E. Mr. Evangelos Kouloumbis, Minister for the Environment, Physical Planning and Public Works of Greece. France, Turkey and Libya are the other members of the Bureau.
2. The Meeting agreed to a work programme and budget for the Mediterranean Action Plan amounting to nearly \$10 million US dollars for the 1988-1989 biennium. Among the concrete results of the meeting were the start of a process of reorientation of the programme, the adoption of common standards for mercury discharges, and for quality of shellfish-growing waters; the adoption of a detailed calendar for the control of pollution from land-based sources, the adoption of an initial list of 100 coastal historic sites that are of common Mediterranean interest. The Meeting also adopted guidelines for the establishment of new specially protected areas and marine parks, expanded the functions of the Regional Oil Combating Centre (ROCC) to include hazardous substances other than oil, and adopted guidelines for cooperation in combating marine oil pollution in the Mediterranean. A new protocol to control pollution from off-shore operations is expected to be adopted in 1989.

The World Bank announced at the meeting a special interest in Mediterranean protection, that will result in additional loans to coastal states for needed infrastructure such as sewage treatment plants, port facilities for oily residues, etc.

3. The Co-ordinating Unit has started the process of implementation of the recommendations of the Athens Meeting.

B. Host Country - Greece

4. Greece has paid all its contributions (MTF and Counterpart) till the end of 1987. As MAP is encountering serious financial difficulties, it hoped that 1988 Contribution to MTF as well as Counterpart Contribution will be paid as soon as possible.
5. Following the recommendations of the Contracting Parties calling on all Coastal States to celebrate a Mediterranean Environment Week, a few countries have already responded with initiatives involving youth. Consultation with Greek Ministry of National Education is underway with a view of including relevant environmental education programmes in Greek schools.

C. Convention and related protocols

6. Cyprus has ratified the protocol on Land Based Sources (LBS) as well as the protocol on Specially Protected Areas (SPA), on 27 November 1987. Morocco has ratified the protocol on Land Based Sources on 9 February 1987.
7. Following the recommendations of the Contracting Parties (Athens, September 1987), Coastal States, that have not done so, were urged by the secretariat to speed up their ratification of the LBS and SPA Protocols as well as of the MARPOL 73/78 Convention.
8. The Status of Signatures and Ratifications of the Convention and its related protocols as at 1 January 1988 is contained in Annex I to this report.

D. Other legal matters

9. Based on the recommendation of the Contracting Parties during their last meeting of approving the compilation of Greek legislation related to the Barcelona Convention as a model for similar compilation of legislative provisions of other countries, the secretariat started contacts with three Contracting Parties (Israel, Syria and Yugoslavia) for the same objective.
10. The Fifth Ordinary Meeting of the Contracting Parties recommended that co-operation between UNEP and Interparliamentary Union (IPU) be strengthened with a view to involving parliaments in playing a particular role in enhancing public awareness of the environment and in responding to public concerns on various environmental issues. To implement this recommendation, the secretariat, in consultation with IPU Secretary General, addressed information on MAP to the presidents of IPU Groups in the parliaments of the Mediterranean Coastal States, urging them to contribute to the objectives of MAP.
11. The secretariat is engaged in compiling information received from United Nations and other organizations relative to multilateral aid programmes which contribute to the implementation of the Mediterranean Action Plan (Recommendation D-9 of the Fifth Meeting of the Contracting Parties).
12. As to the draft offshore protocol, the secretariat has sent copies of the draft protocol to all Contracting Parties for their comments. It is the intention of the secretariat to convene the meeting of the Working Group to examine the matter in early 1989, after receiving the comments of the Contracting Parties.

13. The United Nations General Assembly adopted a resolution concerning strengthening of security and cooperation in the Mediterranean Region. The resolution reaffirmed the importance of intensifying and constantly promoting contacts in all fields where common interests exist in order to eliminate gradually, through cooperation, the causes preventing the faster social and economic development of the Mediterranean States, particularly developing States of the region. The resolution invited States members of the relevant regional organizations to lend support and to submit to the Secretary General concrete ideas and suggestions on their potential contribution to the strengthening of peace and cooperation in the Mediterranean region.

The Bureau may wish to take note of this resolution and may invite the Contracting Parties to report to the Secretary-General of the U.N. concrete ideas and suggestions on their potential contribution to the strengthening of peace and co-operation in the Mediterranean region. One example of existing cooperation in the region is reflected clearly in the Mediterranean Action Plan.

E. Staff missions

14. Mr. A. Manos

- 27 - 30 October 1987 Presentation of MAP at International Conference on Pollution of the Marine Environment organized by the Advisory Committee on Pollution of the Sea (ACOPS) in Venice.
- 4 - 6 November 1987 Attendance at the inauguration of new treatment plant in Marseilles and consultations with World Bank representative.
- 11 - 13 November 1987 MAP country visit - Italy to review Italian involvement in MAP activities and status of contributions.
- 18 - 27 January 1988 Briefing of UNEP Programme units on MAP; review of outstanding administrative matters.

15. Mr. L. Jeftic

- 10 - 13 October 1987 Visited Alexandria where meeting was held on National Monitoring Programme of Egypt.
- 19 - 21 October 1987 Attended the meeting on climatic changes in Noordniskajhout
- 21-22 October 1987 Chaired the meeting in Haarlem on the preparation of Mediterranean Report on the implications of climatic changes in the Mediterranean.

- 8 - 9 November 1987 Attended the meeting of the Workshop on the impact of carcinogenic, mutagenic and teratogenic marine pollution on human health and the environment, Rome, 9-11 November. He gave an overview of MAP, with particular emphasis to the implementation of LBS protocol.
- 10 - 12 November 1987 Attended the meeting on airborne pollution in the Mediterranean held in Belgrade.
- 21 - 24 November 1987 Visited National Co-ordinator for MED POL for Egypt and chaired the meeting in Alexandria on National data quality assurance programme for Egypt.
- 30 Nov. - 4 Dec. 1987 Attended the meeting on LBS monitoring held in Split.
- 14 - 18 December 1987 Attended the meeting of Rapporteurs for the preparation of the reports on the state of the environment in 15 Regional Seas and attended the meeting of the GESAMP WG.26.
- 18 - 27 January 1988 Participated in the briefing of UNEP Programme Units on MAP; attended the meeting on the week on climatic changes, Nairobi

16. Mr. L. Saliba

- 29 September -
2 October 1987 Paid a visit to Albania to explain the work performed in other countries within the framework of MEDPOL pending a decision by the Albanian authorities regarding participation in MAP.
- 7 - 10 October 1987 Paid a visit to Italy in order to finalize arrangements with University of Rome regarding the Workshop on the impact of carcinogenic, mutagenic and teratogenic pollutants on human health and the Environment, and attended the Fifth International Convention on "Sea and Territory" in Agrigento, Sicily.
- 12 October 1987 Paid a visit to Paris to meet officials of the Ministries of Health and Environment to discuss the possible supply of microbiological data on the monitoring of recreational coastal waters to the Coordinating Unit in Athens.

- 9 - 11 November 1987 Attended the Workshop on the impact of carcinogenic, mutagenic and teratogenic marine pollutants on human health and the environment, Rome.
- 1 - 5 December 1987 Attended the Consultation meeting on monitoring of LBS of marine pollution in the Mediterranean held in Split.
17. Mr. G. Gabrielides
- 19 - 24 October 1987 Visited Morocco for consultation with MEDPOL participating institutions and the National Co-ordinator, various aspects of MAP were discussed.
- 18 - 22 January 1988 Attended as an observer the 13th Meeting of the Joint Monitoring Group of the Oslo and Paris Commission, held in Bruges (Belgium).
- 9 - 11 November 1987 Attended the Workshop on the impact of carcinogenic, mutagenic and teratogenic marine pollutants on human health and the environment and had consultation with FAO.
18. Mr. I. Dharat
- 8 - 9 December 1987 Attended the meeting of the Steering Committee of the Blue Plan, Sophia Antipolis, France. The meeting reviewed the decisions of the last meeting of the Contracting Parties relevant to BP, and agreed on follow-up actions.
19. Mr. F.S. Civili
- 11 - 13 October 1987 Paid a visit to France. A meeting was held with French authorities in charge of MAP, in particular MED POL component. He explained in detail the Mediterranean Action Plan, the MED POL programme and their state of development and objectives. The meeting allowed the French authorities to express their interest in the programme and the wish to contribute to MEDPOL with data and expertise.

16 - 23 January 1988

Visited Algeria and Morocco. The purpose of the mission was to propose to the national authorities as well as the scientists participating in MED POL a comprehensive Data Quality assurance programme and to prepare the ground for its implementation, including the preparation of a full training programme. The visit was accomplished together with Mr. J.-P. Villeneuve, Administrative Assistant, and Mr. T. Barisic, Electronic Engineer, from IAEA, Monaco.

F. Staff matters

20. Mr. C. Muller (France), Administrative Officer, terminated his contract on 30 November 1987.
21. Mr. C. Marx (France) was appointed as Administrative Officer as of 1st December 1987.
22. Ms K. Lepentis (Greece), Key punch Operator, resigned from her post on 30 October 1987.
23. The process of replacing the outgoing staff is underway.

G. Fellowships, Training and Information

24. The Co-ordinating Unit financed the participation of experts from Mediterranean Coastal States in various international meetings and training courses.
25. Support for Youth Mediterranean Conference, (Malaga, September 1987);
26. Financial support to the International Ocean Institute (Malta) towards the completion of the feasibility study on Mediterranean Centre for research and development in marine industrial technology (Articles 276 and 277 of the Law of the Sea Convention);
27. MEDU Conference room facilities were made available to the meeting of the task force on the preparation of the Regional Report for the state of the Environment for the Red Sea (Athens, August 1987);
28. MEDU Conference room facilities were made available to the meeting of the task force on the preparation of the Regional Report for the state of the Environment in the Kuwait Action Plan Region (Athens, June 1987);
29. A training course on Modelling outfalls and coastal water quality took place in Athens, 26-31 October 1987. Twenty seven experts from Mediterranean Coastal States participated in the Course;

30. MEDU facilities were made available to the INFOTERRA National Focal Points meeting (Athens, 2-4 November 1987);
31. MEDWAVES (Information Bulletin of the Co-ordinating Unit) No. 10 in English and French was published and distributed;
32. Press releases and increased contact with media representatives;
33. Press coverage of MAP in 86-87 includes the London Times, the New York Times, newspapers and magazines in Greece, Italy, Spain, FRG, Lebanon, Tunisia, Norway, China, Australia, Portugal, India, Srilanka, Yugoslavia and TV Networks (BBC, RAI, ERT, TVC).
34. WHO has taken initiative of issuing a small brochure in English and French entitled "Environment Health in the Mediterranean - WHO and the Mediterranean Action Plan". The brochure gives full credit to UNEP and MEDPOL and is a good example of inter-agency co-operation and UNEP's catalytic role.

H. Calendar of Meetings

35. The Calendar of meetings organized in the framework of MAP as of 1 January is contained in Annex II to this Report.

I. Mediterranean Trust Fund (MTF)

36. Due to the delay in payments of contributions to the MTF in particular of a major contributor, it was not possible to project the full implementation of the 1988 programme approved by the Contracting Parties at their Fifth Ordinary Meeting (Athens, September 1987). The cash at hand (about 2,5 million US \$), can cover only the essential needs in Athens and a few months salary and few main activities in the Regional Centres. In this situation, relying on counterpart funds for the Centres' smooth running is important.
37. The Secretariat has taken a few steps to remedy the situation:

- A letter was sent to all Contracting parties on 30 September 1987, informing them about the decision of Contracting Parties Meeting (Athens, September 1987) that all States should make efforts to improve the record of payment of pledged contributions to the MTF.
 - Various projects administered by MEDU were extended for only three months (January - March 1988) to cover salaries and essential activities.
 - A standard telex was addressed from UNEP Headquarters, to all the Parties except those that have paid up their contributions (Cyprus, France, Greece, Spain and EEC), requesting urgent payment of the 1987 contribution and any arrears due.
 - The Coordinator met the Minister of Environment of Italy on 11 November 1987 and requested the urgent payment of the Italian contributions for 1986, 1987 and 1988.
 - The Executive Director addressed a letter to all Contracting Parties requesting them to make urgent payment of arrears and contributions due.
 - Annex III contains the status of contributions to MTF as at 31 December 1987.
 - Annex IV contains the amount, date and purpose of last payments country by country.
 - Annex V contains the status of commitments for 1988 as of 31 January 1988.
38. The Bureau may agree that its President addresses an urgent telex to the countries concerned explaining the negative repercussions of the present situation. The Bureau is invited to advise the secretariat on the postponement or the deletion of some 1988 activities approved by the Athens' Meeting.

J. Other activities

39. A list of 100 historic coastal sites of Mediterranean interest (Genoa Declaration) was approved by the Athens Meeting (September 1987) and sent to all Contracting Parties for final corrections and additions in order to publicize it by the beginning of 1988.

During the Athens Meeting, France offered to host a Conference of responsible officials on historic sites in Marseille during 1988. A consultation meeting (MEDU/PAP and French officials) will be held in February 1988.

40. A Consultation meeting between UNEP Regional Office for Western Asia (ROWA) (Bahrain) and MAP took place in Athens, 19-22 October 1987. The purpose of the Consultation was to review activities in order to pinpoint few actions for joint undertaking.

II. INTEGRATED PLANNING OF THE DEVELOPMENT AND MANAGEMENT OF THE RESOURCES
OF THE MEDITERRANEAN BASIN

A. Blue Plan (BP)

41. The Centre is rewriting parts of the report and inserting some additions and/or complements on the basis of remarks and suggestions made by Contracting Parties during the Focal Points meeting (Sophia Antipolis, July 1987) and the Fifth Meeting of Contracting Parties (Athens, September 1987).
42. A seminar (jointly organized with a French Organization) was held at Sophia Antipolis in October 1987 on energy planning in the Mediterranean. The seminar brought to the attention of participants valuable new information.
43. A meeting will be held with MED POL staff to review jointly the Chapter on marine pollution.
44. The BP data base has been progressively up-dated, and consultation is under progress concerning the transfer of the BP data base to Athens.
45. The Steering Committee of the Blue Plan convened in Sophia Antipolis, 8-9 December 1987. The meeting extensively reviewed progress achieved since the September meeting of the Contracting Parties and recommended that:
 - a. Top priority and all care must be taken to improve the report and the executive summary.
 - b. The two reports must be completed and be available for translation into English and Arabic on the following dates:
 - 20 April 1988 for the report
 - 25 April 1988 for the executive summary
 - c. The 18 thematic brochures planned will be prepared in a way that their availability would be staggered during 1988.
 - d. As regards requests from Contracting Parties for cooperation, assistance or information, the Committee recommended that, despite priority set up and the reduction of available resources, increasing importance should gradually be given to meeting the countries' requests.
 - e. The Committee urged the Coordinating Unit to provide the necessary funds during the first quarter of 1988, for completing the BP report.

- f. The Committee requested that the Bureau of the Contracting Parties agrees on providing, without delay, the funds agreed upon by the Athens Meeting. Bearing in mind the increasingly reduced level of expenditures, the administration of financial resources should be as flexible as possible.
 - g. Finally the Committee decided to convene its next meeting in Sophia Antipolis on 21-22 June 1988.
46. A meeting on Scenario in coastal zone planning was organized at Sophia Antipolis on 7 - 8 ~~Jan~~^{January} 1988.
47. The Socio-Economic Committee established by the Athens Meeting of the Contracting Parties will review during its first meeting (Athens, September 1988), progress achieved towards implementation of the recommendations of the Contracting parties on BP and on that basis will recommend to the Bureau the workplan and budget breakdown for 1989.

B. Priority Actions Programme (PAP)

48. Few experts meetings were held and country missions were undertaken during the period under consideration:
- a. The Director had a meeting in Rome on 21-23 September 1987 with FAO representatives on cooperative projects on soil protection and aquaculture. During his stay in Rome, he had a meeting with officials from Ministry for Foreign Affairs to discuss the regional cooperative project on Seismic Risk.
 - b. Meetings of experts were held in Split during October 1987 to discuss a draft code of practice on liquid waste and methodological guidelines on integrated planning.
 - c. A Seminar on the development of Mediterranean Tourism harmonized with the environment was held in Split, 28-30 October 1987. The Seminar was attended by representatives from 12 Contracting Parties as well as of the Blue Plan. The meeting reviewed the prepared case studies and papers, and discussed and identified the most significant problems regarding the development of Mediterranean Tourism in harmony with the environment and proposed a suitable way for exchange of relative experience in the follow-up of the action. Finally, the Seminar formulated conclusions and recommendations for decision-makers, institutions and experts.
 - d. The Director paid a visit to Malta on 19-21 October 1987 to discuss with officials from the Government a draft project on water management.
 - e. A meeting of experts on draft code of practice for liquid waste management was held in Split on 19-20 November 1987 with the participation of experts from Greece, Israel, Turkey and Yugoslavia.

- f. A Workshop on the treatment and use of sewage effluents for irrigation was held in Split from 25 to 27 November 1987 with the participation of experts from 11 Mediterranean countries, WHO, FAO and ACSAD. The meeting reviewed papers on the action and a proposal for comprehensive environmental approach to the problem was formulated.
 - g. The Director of PAP/RAC with three Mediterranean experts visited Turkey to finalize a proposal for cooperative programme between the Municipality of Metropolitan Izmir and PAP/RAC from 30 November to 4 December 1987 with an objective of improving the state of environment in the Izmir area. The Programme will involve the participation of other MAP components (MEDPOL, BP, etc.).
 - h. The Director of PAP/RAC paid a visit to Syria from 14 to 17 November 1987 to strengthen cooperation and to discuss a country pilot project for the Syrian coastal zone.
 - i. The Director paid a visit to Spain on 9 - 16 December to discuss with government officials a proposal for a cooperative project on soil protection and training programme on energy.
 - j. The Director paid a visit to Cyprus on 13 to 18 December 1987 to discuss the priority actions on Environmental Impact Assessment (EIA).
 - k. The Director paid a visit to Malta on 14-17 December 1987 to discuss the action on historic settlements. He also paid a visit to Morocco on 17-20 December to discuss the question of a country pilot project for the coastal zone and historic settlements.
 - l. The Director participated in the meeting organized by BP/RAC on 7-8 January 1988 on Scenario in Coastal Zone planning.
 - m. A meeting of experts was held in Split on 11-14 January 1988 with the participation of UNDRO and UNDP to discuss the cooperative project on seismic risk.
49. The Socio-Economic Committee will review at its first meeting (Athens, September 1988) progress achieved towards implementation of the decisions of the Contracting Parties on PAP activities and on that basis will recommend to the Bureau the workplan and budget breakdown for 1989.

C. Meeting of the Socio-Economic Committee

50. In accordance with the decisions of the Fifth Ordinary Meeting of the Contracting Parties (Athens, September 1987), the first meeting of the Socio-Economic Committee will take place in Athens in September 1988.

III. COORDINATED POLLUTION MONITORING AND RESEARCH PROGRAMME FOR THE MEDITERRANEAN (MEDPOL Phase II)

A. Monitoring

51. Efforts continued with MED POL National Coordinators with a view to increase their contributions to MED POL - PHASE II through their MED POL National Monitoring Programmes or other monitoring programmes.
52. In order to evaluate the monitoring component of the MED POL, the XXI Meeting of the Inter-Agency Advisory Committee (IAAC) for MED POL was convened in Athens from 13 to 15 January 1988. Representatives from FAO, UNESCO, WHO, WMO, IAEA, IOC and UNEP participated in the meeting.

The meeting confirmed the procedure adopted for the transmission of monitoring data received by the Unit as well the purchase of equipment. It was agreed that the monitoring of the transport of pollution through the atmosphere should be initiated as part of the national monitoring agreements in 1989.

The meeting considered that the progress in the implementation of the three ongoing pilot monitoring exercises was very satisfactory.

53. As to data collection and processing at MEDU, the conversion of monitoring agreements database from Wang to PC had been completed and computerization of the reports data was underway, starting with microbiological data. Progress was achieved in relation to computer outputs in various forms including on-map representation.
54. A comprehensive data quality assurance programme for 1988 was prepared for three countries. The programme was considered by the meeting of IAAC as a very efficient tool which, in parallel to the ongoing intercalibration exercise, should upgrade the quality of the data of the developing centers. The programme had already started being implemented in Egypt and preparations were made for its implementation in Algeria and Morocco.

B. Research

55. The IAAC meeting (Athens, January 1988) reviewed the status of the research projects submitted for 1988.
56. A new modified version of the form to be used by principal investigators when submitting new research proposals was prepared and reviewed by the meeting. It was decided that, once this is finalized, an explanatory note on how to fill the form itself should be prepared by the Unit and attached to the form.

C. Implementation of Land based sources protocol

57. The IAAC meeting reviewed the workplan and timetable for the implementation of the LBS protocol approved by the Fifth Ordinary Meeting of the Contracting Parties (Athens, September 1987), and took action on each component.

D. Specially Protected Areas (SPA)

58. The Consultative Meeting on the Conservation of the Mediterranean Monkseal was held in Athens, 11-12 January 1988. It was a joint IUCN-OCA/PAC meeting in collaboration with UNEP/MEDU.
59. The meeting reviewed all available information on the present status of the Monk Seal, and the activities and plans of all interested parties dealing with Mediterranean Monkseal Conservation and agreed on recommendations for future activities and a mechanism for their coordination.

The meeting was attended by 25 experts or representatives of organizations (governmental and non-governmental) from ten countries at their own cost.

60. On the bases of the recommendations of the Athens Meeting and comments and written replies received from the Contracting Parties, the SPA/RAC is engaged in updating the Directory of Marine and Coastal protected Areas of the Mediterranean Region and improving the data base for existing and potential "Specially Protected Areas" in the Mediterranean, experts, bibliographic references and centres. Moreover the Centre is preparing a popular booklet on the Centre and the Mediterranean protected areas to be published and distributed during March 1988.
61. The Centre published and distributed a booklet in English and French containing the "Guidelines for the Selection, Establishment, Management and Notification of Information on Marine and Coastal Protected Areas in the Mediterranean", which was adopted at the first meeting of the national focal points for SPA (Athens, 1-4 June 1987).

E. Regional Oil Combating Centre (ROCC)

62. A practical training course on combating oil pollution (MEDEXPOL 87) was held in Marseille from 13 to 20 October 1987. This course was aimed at improving knowledge and operational skills in the use of dispersants and the different means and techniques of spraying. Twenty-nine participants attended the course. ROCC sponsored fifteen officials while another fourteen officials were sponsored by EEC.

63. The 4th national training course on prevention and response to oil pollution was held in Alexandria, Egypt, from 24 to 31 October 1987. It was organized jointly by the Arab Maritime Transport Academy, ROCC and the Association of African Maritime Training Institute.
The Course was attended by 38 participants among whom 28 were Egyptian. Topics presented covered various aspects of marine pollution, ranging from sources, behaviour of spilled oil, contingency planning, response methods as well as legislation and international conventions.
64. The Director of ROCC attended the first national seminar on marine pollution prevention, control and response to accidental marine pollution held in Dakar, from 9 to 13 November 1987, and made an opening address on behalf of IMO.
65. A training workshop on accidental marine pollution was held in Algeria from 5 to 9 December 1987, with the cooperation of ROCC. About fifty Algerians participated in the Workshop.
66. The French version of the "Guide for oil pollution combating in the Mediterranean" was disseminated at the end of 1987.
67. The "Guidelines for Cooperation in Combating Marine oil pollution in the Mediterranean" endorsed by the Contracting Parties during their Fifth Ordinary Meeting (Athens, 7-11 September 1987), was distributed to all Contracting Parties on 11 November 1987. The Guidelines should facilitate the implementation of the protocol concerning cooperation in combating pollution of the Mediterranean sea by oil and other harmful substances in cases of emergency, and will strengthen cooperative efforts in the Mediterranean to combat oil pollution.
68. Creation of a data bank of commercialized equipment and products specially designed for oil pollution combating is being made at ROCC. A catalogue of "Spill Response Equipment and Products" was disseminated.
69. The Maltese Minister of Environment, the Hon. Dr. U. Mifsud Bonnici visited the office of the Co-ordinating Unit for the Mediterranean Action Plan on 23 September 1987. Dr. Bonnici was in Athens for a Council of Europe Conference. Discussions were held on Malta's participation in MAP in general, and on the position regarding ROCC, in particular. There is still a problem regarding the levy of Maltese income tax on locally recruited staff, which needs to be solved.
70. ROCC Information Bulletin No. 20 was distributed during December 1987 in English and French.

F. MAP Technical Reports Series

71. The IAAC meeting discussed the status of the MAP Technical Reports Series and approved a list of new issues covering the period up to June 1988 (Annex VI). Since September 1987 two issues were published No. 13 -"Specific Topics related to Water Resources Development of Large Mediterranean Islands" and No. 18 -"Assessment of the State of Pollution of the Mediterranean Sea by Mercury and Mercury Compounds".

G. Meeting of the Scientific and Technical Committee

72. As decided by the Fifth Ordinary Meeting of the Contracting Parties (Athens, September 1987), the First Meeting of the Scientific and Technical Committee will be held in Athens, from 23 to 27 May 1988.

ANNEX I

STATUS OF SIGNATURES AND RATIFICATIONS OF THE CONVENTION FOR THE PROTECTION OF THE MEDITERRANEAN SEA AGAINST POLLUTION AND ITS RELATED PROTOCOLS
Status as at 1 January 1988

	Convention(1)		Dumping(2)		Emergency(3)		Land-Based Sources(4)		Specially Protected Areas(5)	
	Signature	Ratification	Signature	Ratification	Signature	Ratification	Signature	Ratification	Signature	Ratification
Albania	--	--	--	--	--	--	--	--	--	--
Algeria	16 Feb 76	16 Feb 81/AC	16 Feb 76	16 Mar 81/AC	16 Feb 76	16 Mar 81/AC	17 May 80	2 May 83/AC	--	16 May 85/AC
Cyprus	16 Feb 76	19 Nov 79	16 Feb 76	19 Nov 79	16 Feb 76	19 Nov 79	17 May 80	27 Nov 87	--	27 Nov 87
Egypt	16 Feb 76	24 Aug 78/AP	16 Feb 76	24 Aug 78/AP	16 Feb 76	24 Aug 78/AP	--	18 May 83/AC	--	8 Jul 83
France	16 Feb 76	11 Mar 78/AP-R	16 Feb 76	11 Mar 78/AP-R	16 Feb 76	11 Mar 78/AP-R	17 May 80	13 Jul 82/AP-R	16 Feb 83	2 Sep 86/AP-R
Greece	16 Feb 76	3 Jan 79	11 Feb 77	3 Jan 79	16 Feb 76	3 Jan 79	17 May 80	26 Jan 87	3 Apr 82	26 Jan 87
Israel	16 Feb 76	3 Mar 78	16 Feb 76	1 Mar 84	16 Feb 76	3 Mar 78	17 May 80	--	3 Apr 82	--
Italy	16 Feb 76	3 Feb 79	16 Feb 76	3 Feb 79	16 Feb 76	3 Feb 79	17 May 80	4 Jul 85	3 Apr 82	4 Jul 85
Lebanon	16 Feb 76	8 Nov 77/AC	16 Feb 76	8 Nov 77/AC	16 Feb 76	8 Nov 77/AC	17 May 80	--	3 Apr 82	--
Libya	31 Jan 77	31 Jan 79	31 Jan 77	31 Jan 79	31 Jan 77	31 Jan 79	17 May 80	--	--	--
Malta	16 Feb 76	30 Dec 77	16 Feb 76	30 Dec 77	16 Feb 76	30 Dec 77	17 May 80	--	3 Apr 82	--
Monaco	16 Feb 76	20 Sep 77	16 Feb 76	20 Sep 77	16 Feb 76	20 Sep 77	17 May 80	12 Jan 83	3 Apr 82	--
Morocco	16 Feb 76	15 Jan 80	16 Feb 76	15 Jan 80	16 Feb 76	15 Jan 80	17 May 80	9 Feb 87	2 Apr 83	--
Spain	16 Feb 76	17 Dec 76	16 Feb 76	17 Dec 76	16 Feb 76	17 Dec 76	17 May 80	6 Jun 84	3 Apr 82	--
Syria	--	26 Dec 78/AC-R	--	26 Dec 78/AC	--	26 Dec 78/AC	--	--	--	--
Tunisia	25 May 76	30 Jul 77	25 May 76	30 Jul 77	25 May 76	30 Jul 77	17 May 80	29 Oct 81	3 Apr 82	26 May 83/R
Turkey	16 Feb 76	6 Apr 81	16 Feb 76	6 Apr 81	16 Feb 76	6 Apr 81	--	21 Feb 83/AC	--	6 Nov 86/AC-R
Yugoslavia	15 Sep 76	13 Jan 78	15 Sep 76	13 Jan 78	15 Sep 76	13 Jan 78	--	--	30 Mar 83	21 Feb 86
EEC	13 Sep 76	16 Mar 78/AP	13 Sep 76	16 Mar 78/AP	13 Sep 76	12 Aug 81/AP	17 May 80	7 Oct 83/AP	30 Mar 83	30 Jun 84/AP

- 1- Convention for the protection of the Mediterranean sea against pollution
Adopted (Barcelona): 16 February 1976
Entry into force: 12 February 1978
- 2- The Protocol for the prevention of pollution of the Mediterranean Sea by dumping from ships and aircraft
Adopted (Barcelona): 16 February 1976
Entry into force: 12 February 1978
- 3- The Protocol concerning co-operation in combating pollution of the Mediterranean Sea by oil and other harmful substances in cases of emergency
Adopted (Barcelona): 16 February 1976
Entry into force: 12 February 1978
- 4- The Protocol for the protection of the Mediterranean Sea against pollution from land-based sources
Adopted (Athens): 17 May 1980
Entry into force: 17 June 1983
- 5- The Protocol concerning Mediterranean Specially Protected Areas
Adopted (Geneva): 3 April 1982
Entry into force: 23 March 1986

Accession - AC
Approval - AP

A N N E X II

CALENDAR OF MEETINGS ORGANIZED IN THE FRAMEWORK OF THE
MEDITERRANEAN ACTION PLAN

(as of 1 January 1988)

Note: This is a periodically updated unofficial list of meetings. Reports of the meetings are for routine general distribution (unless specified otherwise) to Government focal points and international organizations, as appropriate. Corrections and additions to this list should be communicated to Ms H. MAROUDIS.

DISTRIBUTION:

A. Aksel
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Meeting	Date, place	Organizer & co-sponsor (co-sponsor in brackets). Project	Responsible officer. Travel marked with *	Report No.
<u>1988</u>				
Consultative meeting on conservation of Mediterranean Monk Seal	11-12 Jan. Athens	IUCN/OCA-PAC (UNEP-MEDU) ME/5102-84-02	D. Elder* B. Nielsen* A. Manos	to be issued by IUCN
Inter-Agency Advisory Committee for MED POL (IAAC - XXI)	13-15 Jan. Athens	UNEP-MEDU ME/5102-81-01	L. Jeftic S. Civili	to be issued by MEDU
Meeting of the Bureau of the Contracting Parties to the Barcelona Convention (Bureau 31)	18 Febr. Athens	UNEP-MEDU ME/5102-75-01	A. Manos I. Dharat	To be issued by MEDU
National Seminar on marine pollution	Febr. Morocco	ROCC (UNEP-MEDU)	M. Voirin* ME/5102-76-06	to be issued by ROCC
AD-HOC Expert Meeting on preparation of Guidelines carrying capacity assess- ment (Tourism)	22-24 Febr. Split	PAP/RAC (UNEP-MEDU) ME/5102-83-05	A. Pavasovic	to be issued by PAP/RAC
First Meeting of Steering Committee of Co-operative project on seismic risk mitigation	25-26 Febr. Genoa (tentative)	PAP/RAC (UNEP-MEDU) ME/5102-83-05	A. Pavasovic	to be issued by PAP/RAC

Meeting	Date, place	Organizer & co-sponsor (co-sponsor in brackets). Project	Responsible officer. Travel marked with *	Report No.
General Training Course in Marine pollution combating (MEDIPOL 88)	8-18 March Malta	ROCC (UNEP-MEDU) ME/5102-76-06	M. Voirin	to be issued by ROCC
Workshop on Methodology and intercalibration of organophosphorus compounds	14-16 March Monaco	IAEA/FAO (UNEP-MEDU) ME/5102-81-01	L. Mee G. Gabrielides*	To be issued by IAEA
Inter-Agency meeting on Co-operative project on seismic risk mitigation	middle March Split	PAP/RAC (UNEP-MEDU) ME/5102-83-05	A. Pavasovic	to be issued by PAP/RAC
Consultation Meeting on methodology guidelines on integrated planning and management	28-29 March Split	PAP/RAC (UNEP-MEDU) ME/5102-83-05	A. Pavasovic	to be issued by PAP/RAC
Workshop on methodology and intercalibration of organotin compounds	19-21 Apr. Monaco	IAEA/FAO (UNEP-MEDU) ME/5102-81-01	L. Mee G. Gabrielides*	to be issued by IAEA
Expert Meeting for evaluation of documents for training on renewable energy sources	25-27 April Split	PAP/RAC (UNEP-MEDU)	A. Pavasovic	to be issued by PAP/RAC
<u>Ad hoc</u> consultation on data processing	25-27 April Athens	UNEP-MEDU ME/5102-84-04	L. Jeftic A. Aksel	to be issued by MEDU

Meeting	Date, place	Organizer & co-sponsor (co-sponsor in brackets). Project	Responsible officer. Travel marked with *	Report No.
Ad hoc Consultation Meeting on monitoring	28-29 April Athens	UNEP-MEDU ME/5102-84-04	L. Jeftic S. Civili	to be issued by MEDU
Second workshop on analysis of development of Mediterra- nean historic settlements	11-13 May Genoa	PAP/RAC (UNEP-MEDU) ME/5102-83-05	A. Pavasovic*	to be issued by PAP/RAC
Training Course and Intercal- ibration exercise on micro- biological methods for marine pollution monitoring	9-14 May Athens	WHO(UNEP-MEDU) ME/5102-81-01	L. Saliba	to be issued by WHO
Meeting of the Scientific and Technical Committee	23-27 May Athens	UNEP-MEDU ME/5102-84-04	L. Jeftic S. Civili	to be issued by MEDU
Training course on prevention and control of accidental marine population <i>pollution</i>	2-17 June Paris, Brest and Marseille	ROCC (UNEP-MEDU) ME/5102-76-06	M. Voirin*	to be issued by ROCC
Consultation Meeting on Carcinogenic substances	8-10 June Athens	WHO(UNEP-MEDU) ME/5102-81-01	L. Saliba	to be issued by WHO
Training workshop on the statistical treatment and interpretation of marine community data	15-24 June Piran (Yugoslavia)	FAO/IOC (UNEP-MEDU)	G. Gabrielides* G. Kulenberg*	to be issued by FAO

Meeting	Date, place	Organizer & co-sponsor (co-sponsor in brackets). Project	Responsible officer. Travel marked with *	Report No.
Meeting of Steering Committee of the Blue Plan	21-22 June Sophia Antipolis	BP/RAC (UNEP-MEDU) ME/5102-86-01	M. Batisse M. Grenon I. Dharat*	to be issued by BP/RAC
Intercalibration and training workshop on determination of chlorinated hydrocarbons	20-24 June Monaco	IAEA/FAO/IOC (UNEP-MEDU) ME/5102-81-01	L. Mee G. Gabrielides* G. Kullenberg*	to be issued by IAEA
Ad hoc consultation on monitoring	27-28 June Monaco	IAEA(UNEP-MEDU) ME/5102-84-04	L. Mee L. Jeftic	to be issued by IAEA
Coordination meeting of RAC's Directors	June Athens	UNEP-MEDU ME/5102-75-01	A. Manos I. Dharat	to be issued MEDU
Workshop on Guidelines for Methodology of Integrated planning in Mediterranean region	29 June- 1 July Izmir	PAP/RAC (UNEP-MEDU) ME/5102-83-05	A. Pavasovic*	to be issued by PAP/RAC
Consultation Meeting on acute toxicity of selected substances to marine organisms	5-9 Sept. Villefranche France	FAO/UNEP-MEDU ME/5102-81-01	G. Gabrielides*	to be issued by FAO
Consultation Meeting on Mediterranean health related environmental quality criteria	12-16 Sept. Ljubljana	WHO(UNEP-MEDU) WHO regular budget (plus: ME/5102-84-04)	L. Saliba*	to be issued by WHO

Meeting	Date, place	Organizer & co-sponsor (co-sponsor in brackets). Project	Responsible officer. Travel marked with *	Report No.
Meeting of responsible officials from the 100 coastal historic sites	Sept. Marseille	France (UNEP-MEDU)	A. Manos* A. Pavasovic*	to be issued by PAP/RAC
Meeting of Socio-Economic Committee	2nd half of Sept. Athens	UNEP-MEDU ME/5102-75-01	A. Manos I. Dharat	to be issued by MEDU
Meeting of the Task Team on implications of climatic changes in the Mediterranean	3-7 Oct. Split	UNEP-MEDU ME/5102-84-04	L. Jeftic*	to be issued by MEDU
Meeting of expanded Bureau open to all Contracting Parties (Bureau 32)	Oct. Athens or Paris	UNEP-MEDU ME/5102-75-01	A. Manos* I. Dharat*.	To be issued by MEDU
Review meeting on oceanographic processes	14-18 Oct. Zagreb	IOC/UNEP-MEDU ME/5102-81-01	G.Kullenberg*	to be issued by IOC
IX ICSEM/IOC/UNEP Workshop on pollution of the Mediterranean Sea	17-19 Oct. Athens	UNEP-MEDU ME/5102-84-04	L. Jeftic S. Civili	to be issued by MEDU
Consultation Meeting on organophosphorus substances	21-23 Nov. Barcelona	FAO/UNEP- MEDU	G. Gabrielides* ME/5102-81-01	to be issued by FAO
Consultation Meeting on organotin substances	2-4 Dec. Erdemli	FAO/UNEP-MEDU ME/5102-81-01	G. Gabrielides*	to be issued by FAO
Consultation Meeting on persistent synthetic materials	6-8 Dec. Haifa	IOC/FAO (UNEP-MEDU) ME/5102-81-01	G. Kullenberg* G. Gabrielides*	to be issued by FAO

Meeting	Date, place	Organizer & co-sponsor (co-sponsor in brackets). Project	Responsible officer. Travel marked with *	Report No.
Meeting of responsible investigators of national monitoring programmes	12-16 Dec. Athens	UNEP-MEDU ME/5102-84-04	L. Jeftic S. Civili	To be issued by MEDU
Ad hoc Meeting on data processing	19-20 Dec. Athens	UNEP-MEDU ME/5102-84-04	L. Jeftic A. Aksel	to be issued by MEDU
<u>Ad hoc</u> Meeting for the preparation of annex IV of LBS Protocol	19-21 Dec. Athens	UNEP-MEDU WMO/ECE ME/5102-84-04	L. Jeftic A. Soudine*	to be issued by WMO
Training programme at MED Unit for government officials dealing with MAP	second half of 1988 Athens	UNEP-MEDU ME/5102-75-01	I. Dharat	to be issued by MEDU
Practical training course on combating oil pollution (MEDEXPOL 88)	second half of 1988 Marseille	ROCC (UNEP-MEDU) ME/5102-76-06	M. Voirin*	to be issued by ROCC
BP/MED POL Consultation Meeting	Athens	UNEP-MEDU (BP/RAC) ME/5102-86-01	L. Jeftic M. Grenon*	to be issued by MEDU

ANNEX III

Regional Trust Fund
for the Protection of the Mediterranean Sea Against Pollution
Status of Contributions as at 31 December 1987
(in United States Dollars)

COUNTRIES	Unpaid pledges as at 31 Dec. 1986	Adjustments for prior years	Pledges for 1987	Collections during 1987 for prior years	Collections in 1987 for 1987	Unpaid pledges for 1987 and prior years
Algeria	-	-	27,174	-	-	27,174.00
Cyprus	-	-	2,386	-	2,386	-
Egypt	-	-	15,884	-	-	15,884.00
France	-	-	1,237,395	-	1,237,395	-
Greece	2,396.48	-	80,046	2,396.48	80,046	-
Israel	70,480.00	-	56,008	20,295.00	-	106,193.00
Italy	912,581.00	-	758,256	-	-	1,670,837.00
Lebanon	11,603.00	-	6,703	-	-	18,306.00
Libyan Arab Jamahiriya	50,851.00	-	52,118	-	-	102,969.00
Malta	-	-	2,387	-	2,387	-
Monaco	-	-	2,387	-	-	2,387.00
Morocco	29,871.00	-	11,384	18,929.00	-	22,326.00
Spain	-	-	370,418	-	370,418	-
Syrian Arab Republic	10,675.00	-	6,912	6,912.00	-	10,675.00
Tunisia	15,216.00	-	6,912	-	-	22,128.00
Turkey	64,624.38	-	67,870	-	-	132,494.38
Yugoslavia	98,958.00	-	95,228	94,087.00	-	100,099.00
European Economic Community	-	-	607,753	-	607,753	-
Total	1,267,255.86	-	3,407,221	142,619.48	2,300,385	2,231,472.38

Total cumulative collections as at 30 December 1986 US\$ 18,680,894.07
Total collections during 1987 as at 31 December 1987 US\$2,443,004.48

ANNEX IV
AMOUNTS, DATE AND PURPOSE OF LAST PAYMENTS
TO MTF BY COUNTRY

<u>COUNTRY</u>	<u>DATE OF PAYMENT</u>	<u>PURPOSE</u>	<u>AMOUNT</u>
ALGERIA	86-12-08	(DELAYED) 1984	1,542.00
	86-12-08	(DELAYED) 1985	24,648.00
	86-12-08	(CURRENT) 1986	25,880.00
	88-01-15	(DELAYED) 1987	27,174.00
CYPRUS	87-09-29	(CURRENT) 1987	2,386.00
EGYPT	86-12-24	(CURRENT) 1986	15,127.00
E.E.C.	87-10-27	(CURRENT) 1987	607,753.00
FRANCE	87-09-02	(CURRENT) 1987	1,237,395.00
GREECE	87-01-01	(DELAYED) 1986	2,396.00
	87-01-01	(CURRENT) 1987	80,046.00
ISRAEL	87-01-01	(DELAYED) 1985	20,295.00
ITALY	85-01-08	(DELAYED) 1983	391.34
	85-01-08	(DELAYED) 1984	677,571.00
	85-01-08	(CURRENT) 1985	518,583.66
LEBANON	86-03-27	(DELAYED) 1984	2,525.00
	86-03-27	(DELAYED) 1985	861.00
LIBYA	85-12-31	(DELAYED) 1984	7,016.00
	85-12-31	(CURRENT) 1985	46,059.00
MALTA	87-12-04	(CURRENT) 1987	2,387.00
MONACO	86-05-29	(DELAYED) 1985	388.00
	86-05-29	(CURRENT) 1986	2,273.00
MOROCCO	87-01-01	(DELAYED) 1984	9,126.00
	87-01-01	(DELAYED) 1985	9,803.00
SPAIN	87-01-01	(CURRENT) 1987	370,418.00
SYRIA	87-08-20	(DELAYED) 1985	4,093.00
	87-08-20	(DELAYED) 1986	2,819.00
TUNISIA	84-10-17	(DELAYED) 1983	1,682.00
	84-10-17	(CURRENT) 1984	3,638.00
TURKEY	86-10-23	(DELAYED) 1985	3,793.55
YUGOSLAVIA	87-02-24	(DELAYED) 1985	8,264.00
	87-02-24	(DELAYED) 1986	85,823.00

APPROVED 1988 AND 1989 PROGRAMME BUDGET
(In US dollars)

UNEP/BUR/31
Working Paper 3
ANNEX V

	Approved 1988	Committed 15 Feb. '88	Salaries covered	Activities covered	Balance required to 31 Dec. 1988
<u>SECTION I</u>					
CHAPTER 1 - Co-ordination	795,300	547,000	to 31 Dec. 88	to 30 June 1988	248,300
CHAPTER 2 - Meetings	52,000	5,000	-	only 1 Bureau meeting	47,000
CHAPTER 3 - MED POL Monitoring	1,457,000	991,000 ^{1/2}	to 31 Dec. 88	to 30 June 88	466,000
CHAPTER 4 - MED POL Research	330,000	160,000	-	approx. 50% of research	170,000
CHAPTER 5 - Oil Combating Centre	424,000	129,750	to 31 March 88	to 31 March 88	294,250
CHAPTER 6 - Training and Exchange of Information	95,000	15,000	-	Medwaves only	80,000
<u>SECTION II</u>					
CHAPTER 1 - Blue Plan	420,000	110,000	to 31 March 88	to 31 March 88	310,000
CHAPTER 2 - Priority Actions Programme	710,000	148,750	to 31 March 88	to 31 March 88	561,250
CHAPTER 3 - Specially Protected Areas	245,000	76,250	to 31 March 88	to 31 March 88	168,750
GRAND TOTAL	4,528,300	2,182,750			2,345,550

^{1/2} Including 50,000 UNEP contribution

A N N E X VI

MAP Technical Reports Series Workplan *

(Until the end of June 1988)

		No. of pages	Resp. person	Target date
No. 13	Large Mediterranean Islands	150	AP	February 1988
No. 14	Historic Settlements II	700	AP	February 1988
No. 15	Aquaculture	150	AP	February 1988
No. 16	Soil Protection	400	AP	February 1988
No. 17	Integrated Planning	300	AP	February 1988
No. 18	Mercury Assessment	350 (E/F)	GG	Published
No. 19	Petroleum Hydrocarbons	130 (E/F)	GK	January 1988
No. 20	Epidemiological studies	250	LS	January 1988
No. 21	Yugoslav Monitoring	225	LJ	February 1988
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No. 25	Physical processes	150	GK	March 1988
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No. 27	Atmospheric pollution	300	AS	April 1988
No. 28	Jellyfish	150	FSC	April 1988
No. 29	Sedimentation	200	LM	June 1988

* Number of copies varies between 500 and 700