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XIX Meeting of the Inter-Agency Advisory
Committee (IAAC) for MED POL

Athens, 13-17 January 1986

MINUTES

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1. The Meeting was convened by the Co-ordinating Unit for the Mediterranean Action Plan. All Co-operating Agencies (FAO, WHO, WMO, UNESCO, IOC, IAEA) and UNIDO were invited to attend the Meeting which took place at the office of the MED UNIT in Athens from 13 to 16 January 1986. The list of participants is attached as annex I.

2. Mr L. Jeftic opened the meeting and welcomed the participants. He noted that all invited Organisations were represented at the meeting with the only exception of UNIDO who had sent the following telex:

"Reyr invitation to Inter-Agency Advisory Committee, 13 to 17 January 1986 regret UNIDO unable to attend due to prior commitments. Re ongoing discussions on meeting document UNEP/WG.125/10 Annex XII UNIDO welcomes assigned tasks and has relevant expertise in areas listed. UNIDO further keen to collaborate with UNEP and other Agencies in following activities listed in same document: No 5 P.1 quote survey of land-based sources and amounts of pollutants reaching the Mediterranean Sea unquote semicln No 9 P.2 quote draft guidelines for the issue of authorization for the discharge of liquid wastes into the Mediterranean unquote semicln No 4 P.3 quote a comparative review of the various types of treatment in the Mediterranean areas for waste waters. unquote semicln No 5 P.3 quote complitation of detailed information and existing legislation measures regarding the discharge of wastes. unquote. BBB During recent travel to United States Maltezu contacted experts re assessing effect of pollution in Mediterranean Sea by used lubricating oils. Consultants are beginning work on this assignment. Regards (Eggough UNIDO Vienna)

Mr L. Jeftic underlined the importance of the present session of IAAC in view of the large number of actions and activities to be undertaken in the biennium 1986-1987 as a result of the decisions of the Genoa as well as the LBS expert meetings.

3. The Agenda was adopted as it appears in annex II.

4. Under Agenda item 1a (Review of activities since XVIII IAAC), Mr F.S. Civili briefly reported on the status of the National Monitoring Agreements in the framework of MED POL-PHASE II (Annex III). The problem of the quality and coverage of the already available monitoring data was discussed. All the data received from the various countries were shown to the IAAC members for information prior to their distribution. The following distribution of responsibilities was made in order to confirm the general acceptability of the individual entries:

WHO:	Microbiological data as well as data on sources
IOC:	Standard physical and chemical parameters and petroleum hydrocarbons
IAEA:	Contaminants in water and sediments
FAO:	Contaminants in biota
WMO:	Meteorological data

5. On the subject of the items of equipment distributed to the participating centres through the Agencies, it was agreed to transfer the property to the individual centres two years after the purchasing year.

12. Mr Mee also distributed an information paper reporting the list of services accomplished by the IAEA electronic engineer in MED POL participating countries (see Annex IX).

13. Under Agenda items 2, 3 and 4, the Group reviewed all the relevant decisions and recommendations of the Contracting parties Meeting in Genoa (September 1985), the Expert Meeting on the LBS Protocol (December 1985) and the III Meeting of the Working Group for Scientific and Technical Co-operation (May 1985). Each decision or recommendation was discussed and the relevant follow-up actions were planned. As a result, summary tables were prepared reporting the relevant decision, reference to the meeting report, the responsible officer or Agency, and, whenever necessary, details on the specific action and timetable. The tables are attached as annexes X, XI and XII. A separate table summarizing the meetings to be held in the biennium 1986-1987 is presented in Annex XIII.

14. Special emphasis was placed on the need for group training as a basic support for monitoring programmes. It was agreed that this activity should be encouraged and that related Agencies would report on their proposed activities in this field and budgetary requirements by the end of February.

15. Under Agenda item 5, decisions and recommendations contained in the minutes of the XVIII IAAC Meeting were reviewed. In particular, the group stressed the importance of the full implementation of the recommended procedures for the co-ordination of MED POL activities (UNEP/IAAC XVIII/2, annex III) and confirmed the validity of what had been recommended, with the exception of the procedure suggested in order to answer specific queries relevant to the quality of the monitoring data where it was felt that formal contacts with the Institutions should be maintained directly by the Unit. The Co-operating Agencies will provide technical advice on specific queries directly to the Unit. On the subject of the procedure relevant to the co-ordination of research projects the group decided that the outline of the progress and final reports and the reporting procedures agreed upon at the XVIII IAAC should be attached to each contract.

16. Under Agenda item 6, draft Agenda and list of documents to be presented to the IV Meeting of the Working Group for Scientific and Technical Co-operation were distributed. The two documents were revised and the final version appear in annex XIV. As to the preparation of the documentation, it was agreed that all inputs from the Agencies regarding research (all Agencies), maintenance (IAEA), intercalibration (IAEA, IOC, WHO) should be sent to the Unit by the end of February. The manuscripts of the Petroleum Hydrocarbons (IOC) and lubricating oils (UNIDO) assessments should be ready by the end of March, while the assessment on Metals (FAO) should be ready by the end of February and the assessment of shellfish (WHO) will be prepared when the relevant material is made available from the interested countries.

17. Under Agenda item 7, the Group felt that an exchange of information among the IAAC members on activities related to, but not part of, the Mediterranean Action Plan and co-ordinated by the Agencies, would be highly beneficial to the implementation of the MAP. The Agencies' representatives will explore the possibilities of such an exchange of information.

A N N E X I

LIST OF PARTICIPANTS

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A N N E X II

AGENDA

1. Review of activities since XVIII IAAC
 - a. Monitoring
 - b. Research
 - c. Assessments
 - d. Reference methods
 - e. Maintenance
 - f. Intercalibration
2. Review of decisions and recommendations of the Fourth Ordinary Meeting of Contracting Parties, Genoa, 9-13 September 1985 and follow-up activities
3. Review of decisions and recommendations of the Meeting of Experts of the Technical Implementation of the Protocol for the Protection of the Mediterranean Sea against Pollution from Land-Based Sources, Athens, 9-13 December 1985, and follow-up activities
4. Review of decisions and recommendations of the third Meeting of the Working Group for Scientific and Technical Co-operation for MED POL, Athens, 27-31 May 1985 and follow-up activities
5. Review of decisions and recommendations of the XVIII Meeting of the Inter-Agency Advisory Committee (IAAC) for MED POL, Athens, 26 April 1985
6. Preparation for the Meeting of the Working Group for Scientific and Technical Co-operation for MED POL, Athens 16-21 June 1986
7. Information by agencies on projects carried out by agencies and related to the Mediterranean Action Plan
8. Other matters

STATUS OF NATIONAL MONITORING PROGRAMMES

ALGERIA	1985	signed	\$ 30,000
CYPRUS	1985	signed	\$ 22,500
EGYPT	1985	draft sent for corrections	-
GREECE	1983	sent for signature	-
ISRAEL	1985	signed	\$ 38,000
LEBANON	1985	signed	\$ 20,000
MALTA	1985	signed	\$ 20,000
MOROCCO	1985	signed	\$ 40,000
TUNISIA	1983	sent for signature	-
TURKEY	1983	sent for signature	-
YUGOSLAVIA	1985	signed	\$ 45,000

CODE	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
FAO									
CNC	1. ALG/004-F PAO	0/0/	0/0/	99/99/99					
EXP	S. D. WAHEY TITLE: RESEARCH ON THE TOXICITY, PERSISTENCE, TRANSFER AND ACCUMULATION OF PETROLEUM HYDROCARBONS, MERCURY, CADMIUM AND LEAD IN THE NEARSHORE WATER OFF ALEXANDRIA	0/0/00	NOT SIGNED	0/0/00					
EXP	3. ISR/045-Z	0/0/	0/0/	0/0/					
CNC	4. EGY/009-A PAO TITLE: DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS	0/0/00	NOT SIGNED	99/99/99					
CNC	5. EGY/006-A PAO TITLE: DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS	0/0/00	NOT SIGNED	99/99/99					
CNC	6. FRA/013-A PAO TITLE: PERFORMANCES ANALYTIQUES DE LA METHODE DE DOSAGE DE L'ARSENIC TOTAL. DANS LES TISSUS BIOLOGIQUES PROPOSEE PAS LE PROGRAMME "ENVIRONNEMENT" DES NATIONS UNIES	0/0/00	0/0/	99/99/99					
CNC	7. ISR/002-A PAO TITLE: DEVELOPMENT OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF TOTAL MERCURY CONTENT IN MARINE ORGANISMS AND SEDIMENTS	0/0/	0/0/	99/99/99					
CNC	8. ISR/005-A PAO TITLE: DEVELOPMENT OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF CADMIUM IN MARINE ORGANISMS	0/0/	0/0/	99/99/99					
	9. ITA/057-A PAO TITLE: TESTING OF THE METHOD OF ANALYSIS OF DDTs AND PCBS IN MARINE ORGANISMS	1/1/86	0/0/	31/12/86					
CNC	10. ITA/010-A PAO TITLE: DEVELOPPEMENT ET MISE AU OINT DE TECHNIQUES D'ECHANTILLONAGE ET DE TECHNIQUES ANALYTIQUES POUR L'ETUDE ET LE DOSAGE DE POLLUANTS EN MILIEU MARIN	0/0/	0/0/	99/99/99					
CNC	11. SPA/001-A PAO TITLE: ANALISI DE DDT'S EN MEJILLONES, ESTUDIO METODOLOGICO Y ANALISIS DE MUESTRAS DEL DELTA DEL EBRO Y DE BATEAS PARA EL CONSUMO HUMANO	0/0/	0/0/	99/99/99					
	12. SPA/014-A PAO TITLE: STUDIES ON METHODOLOGY FOR DETERMINATION OF TOTAL ARSENIC IN SELECTED MARINE ORGANISMS	1/7/85	17/9/85	30/6/86					
CNC	13. SPA/005-A PAO TITLE: PUESTA A PUNTO DE LA DETERMINACION DE TRAZAS DE SELENIO, ARSENICO, PLOMO CADMIO Y MERCURIO ORGANICO, EN SEDIMENTOS, AGUA Y ORGANISMOS	0/0/	0/0/	99/99/99					
CNC	14. SPA/012-A PAO TITLE: NEW CONTRIBUTIONS TO THE ANALYTICAL METHODOLOGY IN THE DETERMINATION OF HEAVY METALS AND PESTICIDES IN MARINE ORGANISMS, SEDIMENTS AND	0/0/	0/0/	99/99/99					

CODE NO INVESTIGATOR'S NAME DATE OF COMMENCEMENT DATE OF EXPIRATION DATE OF ANNUAL AMOUNT AMOUNT ANNUAL AMOUNT FOR 1983 FOR 1984 FOR 1985 FOR 1986 FOR 1987

- CNC 15. TUR/011-A M. UNSAL 0/ 0/ 0/ 0/ 99/99/99
 TITLE : INVESTIGATION OF SELENIUM-MERCURY INTERACTION AND PROTECTIVE EFFECT OF SELENIUM AGAINST MERCURY TOXICITY IN MARINE FOOD CHAIN ORGANISMS
- CNC 16. YUG/016-A M. PICER 0/ 0/ 0/ 0/ 99/99/99
 TITLE : IMPROVEMENTS AND TESTING OF THE METHODS OF ANALYSIS FOR CHLORINATED AND PETROLEUM HYDROCARBONS IN WATER AND SEDIMENTS
- EXP 17. FRA/009-D ALZIEU C. 1/ 7/84 13/11/84 30/ 6/85
 TITLE : EVALUATION DES TENEURS EN MERCURE, METHYLMERCURE ET SELENIUM DANS LES POISSONS ET COQUILLAGES DES COTES FRANCAISES DE LA MEDITERRANEE
- 18. ITA/052-D A. RENZONI 1/ 7/85 0/ 0/ 30/ 6/86
 TITLE : EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS; SEAFOOD ANALYSES
- 19. ITA/038-D CAPELLI R. 1/ 3/84 27/ 7/84 30/ 6/86
 TITLE : DETERMINATION DU MERCURE TOTAL, DE METHYLMERCURE ET DE SELENIUM DANS LES ORGANISMES MARINS DE CONSUMATION AFIN D'ETUDIER LEUR CORRELATION
- 20. YUG/026-D BUZINA R. 1/ 2/84 14/ 2/84 30/ 6/86
 TITLE : THE ANALYSIS OF MERCURY AND METHYL MERCURY IN SEAFOOD IN VARIOUS PARTS OF THE MEDITERRANEAN REGION
- CNC 21. ALG/003-G K. BENSALAH 0/ 0/00 NOT SIGNED 99/99/99
 TITLE : RECHERCHES SUR LA TOXICITE, LA PERSISTANCE, LA BIOACCUMULATION, LA CANCEROGENICITE ET LA MUTAGENICITE
- EXP 22. EGY/004-G A.H. EL-SEBAE 1/ 9/82 27/12/82 30/ 6/85
 TITLE : ACUTE AND CHRONIC TOXICITY TO MARINE BIOTA OF WIDELY USED DISPERSANTS, PCBs, CHLORINATED PESTICIDES AND THEIR COMBINATIONS, AND THEIR COMBINATIONS, AND THEIR BIOMAGNIFICATION IN ALEXANDRIA REGION
- EXP 23. FRA/001-G KAIM-HALKA R.A. 1/ 6/83 13/ 6/83 31/ 5/85
 TITLE : RECHERCHES SUR LA TOXICITE, LA PERSISTANCE, LA BIOACCUMULATION, LA CANCINOGENICITE ET LA MUTAGENICITE
- EXP 24. FRA/008-G AUBERT M. 1/ 7/84 4/ 6/84 30/ 6/85
 TITLE : ETUDE DE LA TOXICITE DE COMPOSES SILICONES EN MILIEU MARIN
- 25. GRE/026-G HARITOS A. 1/ 7/84 21/ 1/85 30/ 6/86
 TITLE : STUDY OF THE RESPONSES OF MARINE ORGANISMS TO POLLUTANTS AT THE LEVEL OF FUNCTIONAL PROTEINS
- 26. GRE/031-G S.E. PAPOUTSOLOU 1/ 7/85 17/ 9/85 30/ 6/86
 TITLE : EFFECT OF CADMIUM AND OTHER POLLUTANTS ON THE SURVIVAL, GROWTH RATE AND REPRODUCTION OF COMMERCIALY CULTURED MARINE AND BRACKISH WATER FISH OF THE MEDITERRANEAN
- 27. GRE/032-G A.A. HARITOS 1/ 7/85 0/ 0/ 30/ 6/86
 TITLE : STUDY OF THE EFFECT OF HEAVY METALS ON POLYPEPTIDES IN FISH AND CRUSTACEAN SPECIES BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY
- CNC 28. GRE/033-G J. CASTRITSI-CATHARIOS 0/ 0/ 0/ 0/ 99/99/99
 TITLE : STUDY OF THE ANTIFOULING PAINTS TOXIC ACTION. CHECK OF THE AFFORDED EFFECTIVE PROTECTION IN RELATION TO THE MAIN POLLUTING ORGANISMS

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT				
					FOR 1983	FOR 1984	FOR 1985	FOR 1986	FOR 1987
EXP 42. MAL/001-G	FAO AXIAK V.	1/11/82	22/12/82	30/ 6/85					
	TITLE :RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS								
CNC 43. MAL/002-G	FAO V. AXIAK	0/ 0/	0/ 0/	99/99/99					
	TITLE :RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS								
CNC 44. MOR/002-G	FAO M. KESSABI	0/ 0/	0/ 0/	99/99/99					
	TITLE :RECHERCHE SUR LA TOXICITE, LA PERSISTANCE, LA BIOACCUMULATION, LA CARCINOGENICITE ET LA MUTAGENICITE								
45. SPA/013-G	FAO J. MEDINA ESCRICHE	1/ 7/85	5/ 9/85	30/ 6/86					
	TITLE :STUDY OF THE TOXICITY, BIOACCUMULATION AND PERSISTENCE OF SOME HEAVY METALS AND PESTICIDES IN THE CRAYFISH PROCAMBARUS CLARKII (GIRARD) ON THE ALBUFERA LAKE								
46. TUR/005-G	FAO BAGCI H.	1/ 1/83	24/ 2/83	30/ 6/86					
	TITLE :DESIGN AND DEVELOPMENT OF BIO-TEST METHODS THAT WILL BE USED TO ASSAY THE POLLUTANTS LISTED IN THE ANNEXES OF THE PROTOCOLS WITH RESPECT TO THEIR TOXICITY, RESIDUAL EFFECTS, BIO-DEGRADABILITY, MUTAGENICITY AND								
EXP 47. YUG/021-G	FAO OZRETIC M.	1/10/82	14/ 1/83	31/12/84					
	TITLE :TOXICITY AND BIOACCUMULATION OF POLLUTANTS IN MARINE ORGANISMS								
48. YUG/023-G	FAO GASIC M.	1/ 3/84	20/12/83	30/ 6/86					
	TITLE :HALOGEN-CONTAINING TERPENOIDS AND RELATED SUBSTANCES IN MARINE ORGANISMS								
CNC 49. YUG/048-G	FAO M. TUDOR	0/ 0/	0/ 0/	99/99/99					
	TITLE :RESEARCH ON THE EFFECT OF OIL AND HEAVY METALS ON FISHES								
EXP 50. YUG/005-G	FAO TUDOR M.	1/ 1/83	23/ 3/83	30/ 6/85					
	TITLE :RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS								
51. YUG/047-G	FAO N. PANUKO	1/ 7/85	0/ 0/	30/ 6/86					
	TITLE :TOXICITY OF CADMIUM, MERCURY AND PCBs TO THE REPRESENTATIVE NORTHERN ADRIATIC PHYTOPLANKTON SPECIES CULTURED IN VITRO								
52. YUG/053-G	FAO M. OZRETIC	1/ 7/85	17/ 9/85	30/ 6/86					
	TITLE :SERUM ENZYMES IN FISH AS BIOCHEMICAL INDICATORS OF MARINE POLLUTION								
53. YUG/038-G	FAO OZRETIC M.	1/ 7/84	20/ 9/84	30/ 6/86					
	TITLE :TOXICITY OF POLLUTANTS TO MARINE ORGANISMS: PHYSIOLOGICAL AND BIOCHEMICAL STUDIES								
EXP 54. ALG/004-H	FAO F. AID	1/ 1/83	31/ 8/83	31/12/84					
	TITLE :EUTROPHISATION ET FLORAISSONS CONCOMITANTES DE PLANCTON, DANS LE PORT D'ALGER								
CNC 55. EGY/001-H	FAO H.A. SULTAN	0/ 0/00	NOT SIGNED	99/99/99					
	TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS								
EXP 56. TUN/004-H	FAO HADJ ALI M.	1/ 1/83	28/ 3/83	30/ 6/85					
	TITLE :EUTROPHISATION ET FLORAISSONS CONCOMITANTES DE PLANCTON								

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT		
					FOR 1983	FOR 1984	FOR 1985
EXP 57.	TUR/008-H FAO IZDAR E. TITLE :ELEMENTAL TRANSFER PROCESS AND EUTROPHICATION IN BUYUK MENDERES DELTA (GREAT MEANDER DELTA) AND THEIR OFFSHORE DISTRIBUTION, EASTERN AEGEAN-TURKEY	15/ 2/83	11/ 5/83	30/ 6/85			
CNC 58.	YUG/040-H FAO M. FANDUKO TITLE :EUTROPHICATION OF THE NORTH ADRIATIC AND CONCOMITANT PLANKTON BLOOMS	0/ 0/	0/ 0/	99/99/99			
59.	YUG/043-H FAO I. MARASOVIC TITLE :STUDIES OF TOXIC DINOFLELLATE SPECIES IN THE INSHORE WATERS OF THE EAST ADRIATIC COAST	1/ 7/85	9/ 9/85	30/ 6/86			
CNC 60.	YUG/046-H FAO D. VILICIC TITLE :RELATIONSHIP BETWEEN LAND-BASED SOURCES AND PLANKTON COMPOSITION AT THREE NEARSHORE STATIONS (DUBROVNIK, STON, SIBENIK) - EASTERN ADRIATIC	0/ 0/	0/ 0/	99/99/99			
EXP 61.	YUG/003-H FAO MARASOVIC I. TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS IN THE COASTAL AREA OF CENTRAL ADRIATIC	1/ 1/83	7/ 2/83	30/ 6/85			
CNC 62.	YUG/037-H FAO D. ZAVODNIK TITLE :MONITORING OF ECOSYSTEMS MODIFICATIONS IN THE NORTHERN ADRIATIC SEA INDUCED BY EUTROPHICATION AND ANTHROPOGENIC ACTIVITIES	0/ 0/	0/ 0/	99/99/99			
CNC 63.	YUG/051-H FAO D. REGNER TITLE :INFLUENCE OF EUTROPHICATION ON THE COPEPOD NUTRITION IN THE COASTAL ENVIRONMENT	0/ 0/	0/ 0/	99/99/99			
EXP 64.	YUG/024-H FAO FANUKO N. TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS	1/ 4/83	24/ 5/83	30/ 6/85			
CNC 65.	YUG/052-H FAO I. VUKADIN TITLE :EFFECTS OF EUTROPHICATION ON THE ECOSYSTEM IN SEMI-ENCLOSED BASINS (KASTELA BAY AND ELEFSIS BAY)	0/ 0/	0/ 0/	99/99/99			
66.	YUG/008-H FAO ZUTIC V. TITLE :RELATIONSHIP BETWEEN PHYTOPLANKTON BLOOMS AND DISSOLVED ORGANIC MATTER IN THE NORTHERN ADRIATIC	1/10/83	1/12/83	30/ 6/86			
67.	YUG/013-H FAO LEGOVIC T. TITLE :MODELLING EUTROPHICATION PROCESSES IN THE NORTHERN ADRIATIC	1/10/83	1/12/83	30/ 6/86			
CNC 68.	YUG/054-H FAO R. PRECALI TITLE :EFFECTS OF LIGHT ON THE PATHWAYS OF CARBON ASSIMILATION IN THE RELATION TO GROWTH RATE FOR NATURAL POPULATIONS OF MARINE PHYTOPLANKTON (INCLUDED IN MED POL - PHASE II, ACTIVITY 'H')	0/ 0/	0/ 0/	99/99/99			
CNC 69.	EGY/005-1 FAO Y. HALIM TITLE :POLLUTION INDUCED ECOSYSTEM MODIFICATIONS	0/ 0/00	NOT SIGNED	99/99/99			
EXP 70.	FRA/003-1 FAO STORA G. TITLE :ELABORATION DE CRITERES FONDAMENTAUX POUR LA SURVEILLANCE BIOLOGIQUE A LONG TERME DE LA POLLUTION	1/ 6/83	13/ 6/83	31/ 5/85			

CDR NO INVESTIGATOR'S NAME DATE OF COMMENCEMENT DATE OF SIGNATURE DATE OF EXPIRATION AMOUNT FOR 1983 AMOUNT FOR 1984 AMOUNT FOR 1985 AMOUNT FOR 1986 AMOUNT FOR 1987

- CNC 71. FRA/002-I FAO D. BELLAN-SANTINI 0/ 0/ 0/ 0/ 99/99/99
 TITLE :MODIFICATIONS DANS LES ECOSYSTEMES BENTHIQUES DE SUBSTRATS DURS ET DEMI-DURS
- 72. GRE/014-I FAO CASTRITSI-CATHARIOS J. 1/ 7/84 21/ 1/85 30/ 6/86
 TITLE :ETUDE COMPARATIVE DES MODIFICATIONS DES ECOSYSTEMES DES EAUX COTIERES DU GOLFE ET DU PORT DE PATRAS SOUMISES A L'INFLUENCE DES POLLUANTS
- 73. GRE/017-I FAO NICOLAIDOU A. 1/ 7/84 21/ 1/85 30/ 6/86
 TITLE :EFFECTS OF POLLUTION ON THE DISTRIBUTION OF MOLLUSCS IN MESSOLONGHI LAGOON AND ADJACENT AREAS
- CNC 74. GRE/003-I FAO A.J. ZARKANELLAS 0/ 0/ 0/ 0/ 99/99/99
 TITLE :STRUCTURAL AND PHYSIOLOGICAL CHANGES IN BENTHIC COMMUNITIES AS A MEASURE OF THE STATE OF POLLUTION IN MARINE ENVIRONMENTS
- 75. GRE/023-I FAO PANAYOTIDIS P. 1/ 7/84 18/12/84 30/ 6/86
 TITLE :ETUDE DE L'IMPACT DE LA POLLUTION SUR LES HERBIERS DE POSIDONIA OCEANICA DANS LE GOLFE SARONIKOS (MER EGEE, GRECE)
- EXP 76. ITA/022-I FAO DI GERONIMO S. 15/ 3/83 9/ 3/83 30/ 6/85
 TITLE :RELATIONS BETWEEN POLLUTION AND BIOCOENOSES IN THE ROADSTEAD OF AUGUSTA (EASTERN SICILY)
- CNC 77. ITA/007-I FAO G. ZURLINI 0/ 0/ 0/ 0/ 99/99/99
 TITLE :DATA COLLECTION, APPLICATION AND DEVELOPMENT OF METHODS FOR THE ASSESSMENT OF MODIFICATIONS IN BENTHIC ECOSYSTEMS
- 78. ITA/008-I FAO SARA M. 1/ 1/83 25/ 1/83 30/ 6/86
 TITLE :EVALUATION OF THE CONDITIONS OF SOME POSIDONIA MEADOWS IN THE NORTH-WESTERN MEDITERRANEAN SEA AND EVENTUAL EFFECTS OF POLLUTANTS ON THE ASSOCIATED FAUNA
- EXP 79. ITA/024-I FAO COGNETTI G. 1/10/82 31/ 3/83 30/ 6/85
 TITLE :EFFECTS OF POLLUTION ON BENTHOS
- EXP 80. ITA/026-I FAO ALBERTELLI G. 1/10/82 24/ 3/83 30/ 6/85
 TITLE :CONDITIONS ACTUELLES DES BIOCOENOSES BENTHIQUE DU PLATEAU LIGURIEN ET DES ILES DE L'ARCHIPEL TOSCAN
- EXP 81. LEB/002-I FAO N. M. KHAIHALAH 1/ 1/86 0/ 0/ 0/ 0/
 TITLE :POLLUTION-INDUCED ECOSYSTEMS MODIFICATIONS
- EXP 82. LEB/001-I FAO LAKKIS S. 1/ 4/83 11/ 5/83 30/ 6/85
 TITLE :MODIFICATIONS DES ECOSYSTEMES PAR LA POLLUTION
- CNC 83. MON/002-I FAO R. VAISSIERE 0/ 0/ 0/ 0/ 99/99/99
 TITLE :MODIFICATION DES CONDITIONS ECOLOGIQUES DANS UN SYSTEME COTIER SEMI-FERME, SOUMIS AUX EFFETS DE L'ACTIVITE HUMAINE
- CNC 84. TUN/001-I FAO C. CAPAPE 0/ 0/ 0/ 0/ 99/99/99
 TITLE :MODIFICATION DES ECOSYSTEMES PAR LA POLLUTION

INVESTIGATOR'S NAME

DATE OF COMMENCEMENT

DATE OF SIGNATURE

DATE OF EXPIRATION

AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT
FOR FOR FOR FOR FOR
1983 1984 1985 1986 1987

CODE NO

EXP	CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
EXP 85.	TUR/007-I	FAO KOCATAS A. TITLE :THE EFFECTS OF POLLUTION ON THE BENTHIC AND PELAGIC ECOSYSTEMS IN THE BAY OF IZMIR	1/12/82	20/ 1/83	30/ 6/85					
EXP 86.	YUG/007-I	FAO BEMOVIC A. TITLE :INVESTIGATION OF ZOOPLANKTON COMMUNITIES IN THE NORTHERN ADRIATIC SEA	1/10/82	9/ 9/83	30/ 6/85					
EXP 87.	YUG/019-I	FAO ZAVODNIK D. TITLE :MONITORING OF ECOSYSTEMS MODIFICATIONS IN THE NORTHERN ADRIATIC SEA INDUCED BY EUTROPHICATION AND ANTHROPOGENIC ACTIVITIES	1/10/82	12/ 4/83	30/ 6/85					
EXP 88.	YUG/002-I	FAO REGNER D. TITLE :POLLUTION-INDUCED ECOSYSTEM MODIFICATION IN THE COASTAL AREA OF CENTRAL ADRIATIC	1/ 1/83	7/ 2/83	30/ 6/85					
89.	CYP/001-J	A. DEMETROPOULOS TITLE :STUDY OF LITTORAL, BENTHIC AND FISH COMMUNITIES IN THE VASILIKOS-MONI AREA IN RELATION TO THE EFFECT ON THESE OF POLLUTION FROM THERMAL EFFLUENTS	1/ 1/83	2/ 4/83	30/ 6/86					
90.	ITA/013-J	FAO TARAMELLI-RIVOSECCHI E. TITLE :EFFECTS OF THERMAL EFFLUENTS ON SEASHORE ORGANISMS AT TORVALDALIGA (CIVITAVECCHIA-ROMA)	1/ 3/83	7/ 9/83	30/ 6/86					
CNC	YUG/012-J	FAO V. PRAVDIC TITLE :DEVELOPMENT OF SCIENTIFIC CRITERIA FOR A CODE-OF-GOOD-PRACTICE IN SITING OF THERMAL EFFLUENTS IN THE MEDITERRANEAN REGION	0/ 0/	0/ 0/	99/99/99					
92.	EGY/007-K	FAO I.H. ELSOKKARY TITLE :BIOGEOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS	1/ 9/83	1/12/83	30/ 6/86					
93.	FRA/006-K	FAO VICENTE N. TITLE :CONTROLE DES METAUX LOURDS DANS LES ECOSYSTEMES LITTORAUX ET LES CHAINES ALIMENTAIRES MARINES	1/10/82	3/ 1/83	30/ 6/86					
94.	GRE/022-K	FAO CATSIKI A.V. TITLE :BIOACCUMULATION DU MERCURE ET D'AUTRES METAUX DANS L'ECOSYSTEME MARIN	1/ 7/84	18/12/84	30/ 6/86					
95.	ISR/011-K	FAO KRUMGALZ B. TITLE :SOME ASPECTS OF THE BIOGEOCHEMICAL CYCLE OF MERCURY IN A POLLUTED AREA OFF THE ISRAEL MEDITERRANEAN COAST	1/ 7/85	22/ 7/85	30/ 6/86					
CNC	ISR/004-K	FAO B.S. KRUMGALZ TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY IN A POLLUTED AREA	0/ 0/	0/ 0/	99/99/99					
CNC	ITA/001-K	FAO M. BERNHARD TITLE :MODELLING OF THE BIOGEOCHEMICAL CYCLE OF MERCURY IN THE MEDITERRANEAN	0/ 0/	0/ 0/	99/99/99					
EXP 96.	ITA/025-K	FAO RENZONI A. TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY AND SELENIUM (INCLUDING MARINE RESIDENT AND MIGRATORY BIRDS)	1/12/82	2/ 2/83	30/ 6/85					

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
CNC 99.	ITA/036-K A. RENZONI TITLE :BIOCHEMICAL CYCLE OF MERCURY AND SELENIUM (INCLUDING MARINE MIGRATORY BIRDS)	0/ 0/	0/ 0/	99/99/99					
EXP 0.	TUR/009-K IZDAR E. TITLE :POLLUTANT TRANSFER PROCESS AND BIOGEOCHEMICAL CYCLE OF SPECIFIC POLLUTANTS AT THE SELECTED LOCATION OF CANDARLI GULF, TURKEY	15/ 2/83	11/ 5/83	30/ 6/85					
EXP 1.	TUR/003-K FAO SALIHOGLU I. TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY IN THE NORTH-EASTERN MEDITERRANEAN (SOUTHERN COAST OF TURKEY)	1/10/82	9/ 2/83	30/ 6/85					
CNC 2.	TUR/006-K FAO H. UYSAL TITLE :BIOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS. (STUDIES ON SOME HEAVY METALS (SPECIALLY MERCURY, CADMIUM AND LEAD) CONCENTRATION OF SOME SELECTED INDICATOR MARINE ORGANISMS FROM THE IZHIR BAY AND VICINITY)	0/ 0/	0/ 0/	99/99/99					
3.	YUG/049-K FAO T. ZVONARIC TITLE :STUDY OF THE MERCURY ECOCYCLE IN THE MARINE SYSTEM OF THE KASTEL BAY	1/ 7/85	9/ 9/85	30/ 6/86					
<u>IAEA</u>									
EXP 4.	ITA/019-A IAEA M. GALLORINI TITLE :NUCLEAR METHODS FOR TRACE ELEMENTS DETERMINATION IN ENVIRONMENTAL RELATED MATRICES	0/ 0/	0/ 0/	0/ 0/					
EXP 5.	SPA/010-A IAEA M. GASSIOT MATAS TITLE :STUDY OF ORGANOCHLORINATED POLLUTANTS TRANSFER THROUGH THE MARINE INTERFACE	0/ 0/	0/ 0/	0/ 0/					
EXP 6.	TUR/004-A IAEA I. SALIHOGLU TITLE :DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF POLYCHLOROTERPENES AND CHLORDANE	0/ 0/	0/ 0/	0/ 0/					
EXP 7.	YUG/009-A IAEA V. VALKOVIC TITLE :DEVELOPMENT OF X-RAY EMISSION SPECTROSCOPY AS MULTIELEMENTAL ANALYTICAL TECHNIQUES FOR MONITORING MARINE POLLUTANTS	0/ 0/	0/ 0/	0/ 0/					
EXP 8.	YUG/041-G IAEA B. COSOVIC TITLE :STUDY OF THE PHYSICO-CHEMICAL INTERACTIONS OF NATURAL AND ARTIFICIAL SURFACE ACTIVE SUBSTANCES WITH TOXIC SUBSTANCES IN THE SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 9.	YUG/022-K IAEA N. AJDAGIC TITLE :ACCUMULATION AND TRANSPORT OF RADIONUCLIDES IN THE BIOTA OF THE SOUTH ADRIATIC REGION	0/ 0/	0/ 0/	0/ 0/					
EXP 10.	YUG/011-K IAEA M. BRANICA TITLE :ANTHROPOGENIC INFLUENCE ON THE DISTRIBUTION AND FLUXES OF LEAD SPECIES INTO THE MARINE ENVIRONMENT	0/ 0/	0/ 0/	0/ 0/					
EXP 11.	GRE/020-L IAEA S. VARNAVAS TITLE :DISPERSION AND TRANSPORT PROCESSES OF HEAVY METALS IN A CHROMITE WATER DUMPING SITE IN A SEMI-ENCLOSED EMBAHMENT OF LOW CURRENT AND WAVE ENERGY	0/ 0/	0/ 0/	0/ 0/					

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	SIGNATURE	DATE OF EXPIRATION	AMOUNT	AMOUNT	AMOUNT	AMOUNT
					FOR 1983	FOR 1984	FOR 1985	FOR 1986
EXP 12.	ITA/014-L IAEA L. TASSI-PELATI TITLE :STUDY ON THE 137 C AND 239 PU FLUXES INTO MEDITERRANEAN MARINE ENVIRONMENT	0/ 0/	0/ 0/	0/ 0/				
EXP 13.	ITA/003-L IAEA O. HIEBE MERLIN TITLE :TEXTURAL AND MINERALOGICAL CHARACTERS AND ROLE IN THE POLLUTION PROCESSES OF BOTTOM SEDIMENTS IN THE NORTHERN ADRIATIC SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 14.	ITA/032-L IAEA R. PRACHE TITLE :CHEMISTRY AND DYNAMICS IN THE TRANSPORT OF HEAVY METALS IN PARTICULATE MATTER IN LIGURIAN AND TYRRENIAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 15.	YUG/010-L IAEA V. PRAVDIC TITLE :THE ROLE OF SEDIMENTS AND SUSPENDED MATTER IN THE TRANSFER OF SELECTED POLLUTANTS IN THE NORTHERN ADRIATIC BASIN	0/ 0/	0/ 0/	0/ 0/				
<u>IOC</u>								
CNC 16.	ALG/001-A IOC A. CHOUIKHI TITLE :MISE AU POINT ET ESSAI DE TECHNIQUES D'ECHANTILLONNAGES ET D'ANALYSE POUR LA SURVEILLANCE DES POLLUANTS DE LA MER	0/ 0/00	NOT SIGNED	99/99/99				
EXP 17.	ISR/012-A IOC A. GOLIK TITLE :QUANTITATIVE ESTIMATION OF BEACH TAR BALLS BY REMOTE SENSING	0/ 0/	0/ 0/	0/ 0/				
EXP 18.	ITA/018-A IOC G.C. PAPPALARDO TITLE :STUDIES AND MONITORING OF TRACE METALS IN MARINE WATERS BY INDUCTIVELY COUPLED PLASMA (ICP) EMISSION SPECTROMETRY	0/ 0/	0/ 0/	0/ 0/				
EXP 19.	YUG/017-A IOC M. BRANICA TITLE :DEVELOPMENT OF ELECTROCHEMICAL TECHNIQUES AND THEIR APPLICATION IN LABORATORY AND "ON BOARD" FOR DETERMINATION AND SPECIATION OF HEAVY METALS IN THE MEDITERRANEAN	0/ 0/	0/ 0/	0/ 0/				
EXP 20.	YUG/018-A IOC B. COSOVIC TITLE :DEVELOPMENT OF NEW ELECTROANALYTICAL TECHNIQUES FOR DETERMINATION OF SURFACE ACTIVE SUBSTANCES AND DETERGENTS IN SEA-WATER AND SEA SURFACE MICROLAYER	0/ 0/	0/ 0/	0/ 0/				
EXP 21.	GRE/006-F IOC A. LASCARATOS TITLE :DYNAMICAL STUDY OF SURFACE COLD WATER PATTERNS APPEARING IN THE GULF OF KORINTH	0/ 0/	0/ 0/	0/ 0/				
EXP 22.	GRE/001-F IOC J. GANOULIS TITLE :DEVELOPMENT OF MATHEMATICAL MODELS FOR HORIZONTAL TRANSPORT OF POLLUTANTS IN COASTAL AREAS OF THE MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 23.	GRE/010-F IOC M. BONAZUNTAS TITLE :MODELLING POLLUTANT CIRCULATION IN COASTAL WATERS	0/ 0/	0/ 0/	0/ 0/				
EXP 24.	GRE/016-F IOC A. LASCARATOS TITLE :DYNAMICAL STUDY OF SURFACE COLD WATER PATTERNS APPEARING IN THE GULF OF KORINTH	0/ 0/	0/ 0/	0/ 0/				
EXP 25.	ITA/005-F IOC F. STRAVISI TITLE :COASTAL DYNAMIC PROCESSES AND SURFACE TRANSPORT IN THE GULF OF TRIESTE	0/ 0/	0/ 0/	0/ 0/				

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT				
					FOR 1983	FOR 1984	FOR 1985	FOR 1986	FOR 1987
EXP 41. GRE/004-L	IOC M.J. SCULLOS	0/ 0/	0/ 0/	0/ 0/					
	TITLE :STUDY OF THE TRANSPORT OF PARTICLES IN GREEK ESTUARIES								
EXP 42. IGR/001-L	IOC A. GOLIK	0/ 0/	0/ 0/	0/ 0/					
	TITLE :TAR BALLS DISPERSAL AND ACCUMULATION ON THE BEACH AND THEIR RELATION TO WAVE AND CURRENT REGIME								
EXP 43. ITA/035-L	IOC F. COSTA	0/ 0/	0/ 0/	0/ 0/					
	TITLE :FLOW OF POLLUTANTS (NUTRIENTS AND HEAVY ELEMENTS) INTO THE LAGOON OF VENICE FROM NATURAL AND AGRICULTURAL RIVERS								
EXP 44. ITA/037-L	IOC A.A. ORIO	0/ 0/	0/ 0/	0/ 0/					
	TITLE :TRANSPORT MECHANISMS OF POLLUTANTS AT THE SEDIMENT-WATER INTERFACE								
EXP 45. ITA/016-L	IOC T. LA NOCE	0/ 0/	0/ 0/	0/ 0/					
	TITLE :STUDY OF FACTORS CONTROLLING THE FATE AND EFFECTS OF SOME POLLUTANTS CARRIED OUT FROM THE TIBER RIVER TO THE SEA								
EXP 46. ITA/056-L	IOC G. FIERRO	0/ 0/	0/ 0/	0/ 0/					
	TITLE :SEDIMENT AND PARTICULATE MATTER STUDIES IN THE LIGURIAN SEA; MECHANISM OF INTERACTION WITH POLLUTANT MATTER								
EXP 47. MON/004-L	IOC R. VAISSIERE	0/ 0/	0/ 0/	0/ 0/					
	TITLE :EVALUATION DES ETUDES EN COURS SUR LES FLUX A TRAVERS LES DETROITS ET LES SEUILS SEPARANT LES DIFFERENTS BASSINS DE LA MEDITERRANEE (ETUDE BIBLIOGRAPHIQUE)								
EXP 48. SPA/016-L	IOC J. ALBAIGES RIERA	0/ 0/	0/ 0/	0/ 0/					
	TITLE :TRANSPORT AND FATE OF WASTEWATER DISCHARGES OF THE CITY OF BARCELONA AND ADJACENT RIVERS (BESOS AND LLOBREGAT) INTO THE COASTAL WATER								
EXP 49. ITA/011-0	MON S. KANITZ	0/ 0/	0/ 0/	0/ 0/					
	TITLE :ASSESSMENT OF POLLUTION LOAD REACHING COASTAL SEA-WATERS, SEDIMENTS AND LIVING ORGANISMS FROM LAND SOURCES THROUGH DIRECT MEASUREMENTS OF PESTICIDES AND OF SOME ORGANOHALOGEN COMPOUNDS AND SUBSTANCES WHICH								
EXP 50. ITA/009-0	MON R. FERRARA	0/ 0/	0/ 0/	0/ 0/					
	TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY AND LEAD IN THE MEDITERRANEAN AREA								
EXP 51. MON/003-0	MON R. VAISSIERE	0/ 0/	0/ 0/	0/ 0/					
	TITLE :ETUDE DE LA CONCENTRATION EN METAUX LOURDS (PB ET CD) AU NIVEAU DES ORGANES D'UN CRUSTACE BENTHIQUE DE L'ETAGE BATHYAL (CALOCARIS MACANDREA)								
EXP 52. YUG/001-0	MON I. VUKADIN	0/ 0/	0/ 0/	0/ 0/					
	TITLE :STUDY AND MONITORING OF TOXIC HEAVY METALS (ZN, CD, PB, CU HG) IN SEA-WATER, SEDIMENTS AND ORGANISMS IN KASTELA BAY								
EXP 53. YUG/004-0	MON S. SOBOT	0/ 0/	0/ 0/	0/ 0/					
	TITLE :COASTAL WATER QUALITY CONTROL IN THE SPLIT AREA								
EXP 54. ITA/045-0	UNEP F. STRAVISI	0/ 0/	0/ 0/	0/ 0/					
	TITLE :STUDY ON THE CLIMATIC VARIATIONS IN NORTHERN ADRIATIC DURING THE LAST								

UNEP

CODE NO	INVESTIGATOR'S NAME	TITLE	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
			0/ 0/	0/ 0/	0/ 0/	0/ 0/	0/ 0/	0/ 0/	0/ 0/	
EXP 84.	YUG/039-2	UNEP D. ZAVODNIK TITLE: MONITORING OF JELLYFISH PELAGIA NOCTILUCA ALONG THE WEST ISTRIAN RIVIERA (NORTHERN ADRIATIC)	0/ 0/	0/ 0/	0/ 0/					
<u>UNES</u>										
EXP 85.	GRE/018-L	UNES M. BONAZUNYAS TITLE: MEDITERRANEAN WATER POLLUTION FROM PINIOS RIVER	0/ 0/	0/ 0/	0/ 0/					
EXP 86.	GRE/019-L	UNES G. FERENTINOS TITLE: RIVER PLUME DISPERSION INTO COASTAL WATERS	0/ 0/	0/ 0/	0/ 0/					
EXP 87.	YUG/033-L	UNES V. ZUTIC TITLE: VERTICAL TRANSPORT OF POLLUTANTS IN THE ESTUARY; THE IMPORTANCE OF ORGANIC AGGREGATES	0/ 0/	0/ 0/	0/ 0/					
EXP 88.	FRA/011-2	UNES J. GOY TITLE: MODELISATION DES FLORAISONS DE MEDUSES DANS UNE ZONE D'EUTROPHISATION EN MER LIGURE	0/ 0/	0/ 0/	0/ 0/					
<u>WHO</u>										
EXP 89.	FRA/010-A	WHO P. BERNARD TITLE: REVIVIFICATION DE GERMES FECAUX INDICATEURS DE POLLUTION MARINE. NUMERATIONS PAR FILTRATION SUR MEMBRANES DES EAUX MARINES A VOCATION BALNEAIRE	0/ 0/	0/ 0/	0/ 0/					
EXP 90.	FRA/014-A	WHO P. BERNARD TITLE: UTILISATION DE LA METHODE DE FILTRATIONS PAR MEMBRANES POUR LA RECHERCHE DE DIVERS CANDIDA DANS LE SABLE DES ZONES MARINES A VOCATION BALNEAIRE	0/ 0/	0/ 0/	0/ 0/					
EXP 91.	GRE/005-A	WHO G. P. GABRIELIDES TITLE: ANALYSIS OF COPROSTANOL AND ITS USE AS AN INDICATOR OF FAECAL POLLUTION	0/ 0/	0/ 0/	0/ 0/					
EXP 92.	ISR/013-A	WHO Y. YONA YOSHE-PURER TITLE: IS KP-STREPTOCOCCUS AGAR THE MOST SUITABLE MEDIUM FOR ENUMERATION OF FAECAL STREPTOCOCCI IN MARINE WATER?	0/ 0/	0/ 0/	0/ 0/					
EXP 93.	ISR/014-A	WHO A. MATES TITLE: DETERMINATION OF E. COLI. FROM FAECAL COLIFORMS IN SEA-WATER, BY THE MEMBRANE FILTRATION CULTURE METHOD	0/ 0/	0/ 0/	0/ 0/					
EXP 94.	ITA/029-A	WHO L. VILLA TITLE: STUDIES ON THE HYGIENIC CONDITIONS OF COASTAL WATERS AND THEIR RELATION TO PUBLIC HEALTH	0/ 0/	0/ 0/	0/ 0/					
EXP 95.	SPA/002-A	WHO F. LUCENA-GUTIERREZ TITLE: FLUCTUATIONS DE LA POLLUTION BACTERIENNE D'ORIGINE FECALE LE LONG DU LITTORAL DE BADALONA	0/ 0/	0/ 0/	0/ 0/					
EXP 96.	SPA/004-A	WHO F. LUCENA-GUTIERREZ TITLE: DIFERENCIAS DE EFICACIA EN LA RECUPERACION DE ESTREPTOCOCCOS FECALES EN LAS TEMPERATURAS DE INCUBACION DE 37N Y 44N C	0/ 0/	0/ 0/	0/ 0/					
EXP 97.	SPA/017-A	WHO J. JOFRE TORRORRIA	0/ 0/	0/ 0/	0/ 0/					

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					FOR 1983	FOR 1984	FOR 1985	FOR 1986
EXP 12. ITA/053-D	A. RENZONI TITLE: EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS: SAMPLING OF HUMAN HAIR	0/0/	0/0/	0/0/				
EXP 13. SPA/003-D	J. IZQUIERDO TITLE: ETUDE DE L'INCIDENCE DE CHAMPIGNONS SUR UNE PLAGE FOLLIER ET LEUR IMPORTANCE RELATIVE A LA SANTE	0/0/	0/0/	0/0/				
EXP 14. YUG/027-D	R. BUZINA TITLE: EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS AND RELATED HEALTH HAZARDS	0/0/	0/0/	0/0/				
EXP 15. YUG/028-D	L. KOSTA TITLE: ANALYSIS OF HUMAN HAIR FOR ASSESSING EXPOSURE AND POSSIBLE HEALTH HAZARDS IN MEDITERRANEAN POPULATIONS DUE TO METHYLMERCURY IN SEAFOOD	0/0/	0/0/	0/0/				
EXP 16. EGY/011-E	F. EL-SHARKAWI TITLE: DEVELOPMENT OF PROPOSALS FOR GUIDELINES AND CRITERIA GOVERNING THE APPLICATION OF THE LAND-BASED SOURCES PROTOCOL	0/0/	0/0/	0/0/				
EXP 17. ITA/028-G	G. BRONZETTI TITLE: MUTAGENICITY AND CARCINOGENICITY STUDIES ON MARINE POLLUTANTS	0/0/	0/0/	0/0/				
EXP 18. ITA/030-G	G.P. DE RENZI TITLE: RESEARCH INTO THE TOXICITY, PERSISTENCE, BIOACCUMULATION AND MUTAGENICITY OF HYDROCARBONS, DETERGENTS AND HEAVY METALS IN THE SEA	0/0/	0/0/	0/0/				
EXP 19. ITA/006-G	S. DE FLORA TITLE: MUTAGENICITY, GENOTOXICITY INTERACTIONS AND METABOLISM OF CHEMICAL COMPOUNDS IN THE MARINE ENVIRONMENT AND IN MARINE ORGANISMS	0/0/	0/0/	0/0/				
EXP 20. EGY/003-K	F. EL-SHARKAWI TITLE: BIOGEOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS. SURVIVAL OF PATHOGENS IN THE MEDITERRANEAN	0/0/	0/0/	0/0/				
EXP 21. ISR/003-K	B. CAVARI TITLE: EFFECT OF POLLUTION ON MICROBIAL COMMUNITIES IN THE EASTERN MEDITERRANEAN SEA.	0/0/	0/0/	0/0/				
EXP 22. SPA/006-K	P. ROMERO RAYA TITLE: SURVIVAL OF PATHOGENIC MICROORGANISMS IN SEA-WATER	0/0/	0/0/	0/0/				
EXP 23. TUN/003-K	S. JEKOV TITLE: SURVIE DES ENTERO-BACTERIES PATHOGENES, DES VIBRIONS ET DES GERMES MARQUEURS DE POLLUTION FECALE EN RELATION AVEC CERTAINS FACTEURS PHYSICO-CHIMIQUES DU MILIEU MARIN	0/0/	0/0/	0/0/				
EXP 24. YUG/020-K	D. FUKS TITLE: SURVIVAL OF SOME INTESTINAL PATHOGENS IN THE MARINE ENVIRONMENT	0/0/	0/0/	0/0/				
EXP 25. GRE/011-Z	P. VLACHOS TITLE: EPIDEMIOLOGY AND THERAPEUTIC METHODS OF JELLYFISH. POISONING IN GREECE	0/0/	0/0/	0/0/				

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					FOR 1983	FOR 1984	FOR 1985	FOR 1986
EXP 26.	WHO S.K. MASTRONICOLIS TITLE : ISOLATION AND IDENTIFICATION OF NEW MOLECULES PHOSPHOLIPIDS IN JELLYFISH	0/ 0/	0/ 0/	0/ 0/				
EXP 27.	FRA/005-L WHO P. HUAT-MENARD TITLE : AIR/SEA AND WATER COLUMN METALLIC POLLUTANT TRANSFER IN THE MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 28.	ITA/004-L WHO L. SANTOAURO TITLE : DYNAMIC CLIMATOLOGY AND MODELLING OF LONG RANGE TRANSPORT OF AIR POLLUTION OVER MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 29.	ITA/017-L WHO A. PALUMBO TITLE : POLLUTANT TRANSPORT MODELS AT THE AIR-SEA INTERFACE	0/ 0/	0/ 0/	0/ 0/				
EXP 30.	ITA/020-L WHO I. DAGNINO TITLE : MONITORING OF THE TRANSPORT OF POLLUTANTS THROUGH THE ATMOSPHERE	0/ 0/	0/ 0/	0/ 0/				
EXP 31.	ITA/034-L WHO R. CECCHI TITLE : TRANSFER OF POLLUTANTS FROM THE ATMOSPHERE TO THE NORTHERN ADRIATIC SEA AND TO THE NORTHERN TYRRENIAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 32.	ITA/041-L WHO G. CLERICI TITLE : TRANSPORT OF HEAVY METALS INTO MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 33.	MOR/001-L WHO H. NEJJAR TITLE : CONTRIBUTION A L'ETUDE DES MECANISMES DE TRANSPORT ET DU FLUX DE POLLUANTS A TRAVERS L'INTERFACE AIR/MER	0/ 0/	0/ 0/	0/ 0/				
EXP 34.	MOR/003-L WHO M. NAJJAR TITLE : CONTRIBUTION A L'ETUDE DES MECANISMES DE TRANSFERTS DU POINT DE VUE HYDRODYNAMIQUE ET DE POLLUTION	0/ 0/	0/ 0/	0/ 0/				
EXP 35.	SPA/011-L WHO H. G. MARINO TITLE : STUDY OF THE ROUTES AND BIOMAGNIFICATION PROCESSES AFFECTING AIRBORNE POLLUTANTS ENTERING THE MEDITERRANEAN IN THE VICINITY OF CATAGENA INDUSTRIAL AREA (SPAIN)	0/ 0/	0/ 0/	0/ 0/				
EXP 36.	SPA/015-L WHO J. OBIOLS SALVAT TITLE : SPECIATION OF HEAVY METALS IN THEIR ATMOSPHERIC FLUX FROM LAND TO OCCIDENTAL MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 37.	SPA/008-L WHO A. CRUZADO TITLE : STUDY OF LONG AND MEDIUM RANGE ATMOSPHERIC POLLUTANT TRANSPORT INTO THE NORTHWEST MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 38.	TUR/010-L WHO C. SAYDAM TITLE : MONITORING OF ATMOSPHERIC TRACE METAL TRANSPORTED TO THE EASTERN MEDITERRANEAN	0/ 0/	0/ 0/	0/ 0/				
EXP 39.	YUG/029-L WHO Z.I. JANJIC TITLE : PRELIMINARY STUDY OF POTENTIAL LONG-RANGE CADMIUM TRANSPORT FROM MAJOR IDENTIFIED SOURCES IN EUROPE INTO THE MEDITERRANEAN REGION	0/ 0/	0/ 0/	0/ 0/				

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					1983	1984	1985	1986	1987

EXP 40.	YUG/029-L	MMO	Z.I. JANJIC	0/0/	0/0/	0/0/				
EXP 41.	YUG/029-L	MMO	Z.I. JANJIC	0/0/	0/0/	0/0/				
TITLE : PRELIMINARY STUDY OF POTENTIAL LONG-RANGE CADMIUM TRANSPORT FROM MAJOR IDENTIFIED SOURCES IN EUROPE INTO THE MEDITERRANEAN REGION										

TOTALS FOR :

1983	1984	1985	1986	1987
75,000	96,200	118,500	76,500	

LIST OF RESEARCH PROPOSALS BY ACTIVITY

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT				
					FOR 1983	FOR 1984	FOR 1985	FOR 1986	FOR 1987
ACTIVITY A									
CNC 1.	EGY/006-A FAO I. H. ELSOKKARY	0/ 0/00	NOT SIGNED	99/99/99					
	TITLE : DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS								
CNC 2.	EGY/009-A FAO M. F. MACKLAD	0/ 0/00	NOT SIGNED	99/99/99					
	TITLE : DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS								
CNC 3.	FRA/013-A FAO D. COSSA	0/ 0/00	0/ 0/ 0/	99/99/99					
	TITLE : PERFORMANCES ANALYTIQUES DE LA METHODE DE DOSAGE DE L'ARSENIC TOTAL DANS LES TISSUS BIOLOGIQUES PROPOSEE PAS LE PROGRAMME "ENVIRONNEMENT" DES NATIONS UNIES								
CNC 4.	ISR/002-A FAO B.S. KRUMGALZ	0/ 0/ 0/	0/ 0/ 0/	99/99/99					
	TITLE : DEVELOPMENT OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF TOTAL MERCURY CONTENT IN MARINE ORGANISMS AND SEDIMENTS								
CNC 5.	ISR/005-A FAO B.S. KRUMGALZ	0/ 0/ 0/	0/ 0/ 0/	99/99/99					
	TITLE : DEVELOPMENT OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF CADMIUM IN MARINE ORGANISMS								
CNC 6.	ITA/010-A FAO R. CAPELLI	0/ 0/ 0/	0/ 0/ 0/	99/99/99					
	TITLE : DEVELOPPEMENT ET MISE AU OINT DE TECHNIQUES D'ECHANTILLONAGE ET DE TECHNIQUES ANALYTIQUES POUR L'ETUDE ET LE DOSAGE DE POLLUANTS EN MILIEU MARIN								
CNC 7.	ITA/057-A FAO V.U. FOSSATO	1/ 1/86	0/ 0/ 0/	31/12/86					
	TITLE : TESTING OF THE METHOD OF ANALYSIS OF DDTs AND PCBs IN MARINE ORGANISMS								
CNC 8.	SPA/001-A FAO M. GASSIOT-NATAS	0/ 0/ 0/	0/ 0/ 0/	99/99/99					
	TITLE : ANALISI DE DDT'S EN MEJILLONES, ESTUDIO METODOLOGICO Y ANALISIS DE MUESTRAS DEL DELTA DEL EBRO Y DE BATEAS PARA EL CONSUMO HUMANO								
CNC 9.	SPA/005-A FAO J. OBIOLS SALVAT	0/ 0/ 0/	0/ 0/ 0/	99/99/99					
	TITLE : PUESTA A PUNTO DE LA DETERMINACION DE TRAZAS DE SELENIO, ARSENICO, PLOMO CADMIO Y MERCURIO ORGANICO, EN SEDIMENTOS, AGUA Y ORGANISMOS								
CNC 10.	SPA/012-A FAO J. MEDINA ESCRICHE	0/ 0/ 0/	0/ 0/ 0/	99/99/99					
	TITLE : NEW CONTRIBUTIONS TO THE ANALYTICAL METHODOLOGY IN THE DETERMINATION OF HEAVY METALS AND PESTICIDES IN MARINE ORGANISMS, SEDIMENTS AND WASTEWATERS								
CNC 11.	SPA/014-A FAO J. OBIOLS SALVAT	1/ 7/85	17/ 9/85	30/ 6/86					
	TITLE : STUDIES ON METHODOLOGY FOR DETERMINATION OF TOTAL ARSENIC IN SELECTED MARINE ORGANISMS								
CNC 12.	TUR/011-A FAO M. UNSAL	0/ 0/ 0/	0/ 0/ 0/	99/99/99					
	TITLE : INVESTIGATION OF SELENIUM-MERCURY INTERACTION AND PROTECTIVE EFFECT OF SELENIUM AGAINST MERCURY TOXICITY IN MARINE FOOD CHAIN ORGANISMS								

CODE	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
CNC 13.	YUG/016-A PAO M. PICER TITLE :IMPROVEMENTS AND TESTING OF THE METHODS OF ANALYSIS FOR CHLORINATED AND PETROLEUM HYDROCARBONS IN WATER AND SEDIMENTS	0/0/	0/0/	99/99/99					
EXP 14.	ITA/019-A IAEA M. GALLORINI TITLE :NUCLEAR METHODS FOR TRACE ELEMENTS DETERMINATION N ENVIRONMENTAL RELATED MATRICES	0/0/	0/0/	0/0/					
EXP 15.	SPA/010-A IAEA M. GASSIOT MATAS TITLE :STUDY OF ORGANOCHLORINATED POLLUTANTS TRANSFER THROUGH THE MARINE INTERFACE	0/0/	0/0/	0/0/					
EXP 16.	TUR/004-A IAEA I. SALIHOGLU TITLE :DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF POLYCHLOROTERPENES AND CHLORDANE	0/0/	0/0/	0/0/					
EXP 17.	YUG/009-A IAEA V. VALKOVIC TITLE :DEVELOPMENT OF X-RAY EMISSION SPECTROSCOPY AS MULTIELEMENTAL ANALYTICAL TECHNIQUES FOR MONITORING MARINE POLLUTANTS	0/0/	0/0/	0/0/					
CNC 18.	ALG/001-A IOC A. CHOUIKHI TITLE :MISE AU POINT ET ESSAI DE TECHNIQUES D'ECHANTILLONNAGES ET D'ANALYSE POUR LA SURVEILLANCE DES POLLUANTS DE LA MER	0/0/00	NOT SIGNED	99/99/99					
EXP 19.	ISR/012-A IOC A. GOLIK TITLE :QUANTITATIVE ESTIMATION OF BEACH TAR BALLS BY REMOTE SENSING	0/0/	0/0/	0/0/					
EXP 20.	ITA/018-A IOC G.C. PAPPALARDO TITLE :STUDIES AND MONITORING OF TRACE METALS IN MARINE WATERS BY INDUCTIVELY COUPLED PLASMA (ICP) EMISSION SPECTROMETRY	0/0/	0/0/	0/0/					
EXP 21.	YUG/017-A IOC M. BRANICA TITLE :DEVELOPMENT OF ELECTROCHEMICAL TECHNIQUES AND THEIR APPLICATION IN LABORATORY AND "ON BOARD" FOR DETERMINATION AND SPECIATION OF HEAVY METALS IN THE MEDITERRANEAN	0/0/	0/0/	0/0/					
EXP 22.	YUG/018-A IOC B. COSOVIC TITLE :DEVELOPMENT OF NEW ELECTROANALYTICAL TECHNIQUES FOR DETERMINATION OF SURFACE ACTIVE SUBSTANCES AND DETERGENTS IN SEA-WATER AND SEA SURFACE MICROLAYER	0/0/	0/0/	0/0/					
EXP 23.	FRA/010-A WHO P. BERNARD TITLE :REVIVIFICATION DE GERMES FECAUX INDICATEURS DE POLLUTION MARINE. NUMERATIONS PAR FILTRATION SUR MEMBRANES DES EAUX MARINES A VOCATION BALNEAIRE	0/0/	0/0/	0/0/					
EXP 24.	FRA/014-A WHO P. BERNARD TITLE :UTILISATION DE LA METHODE DE FILTRATIONS PAR MEMBRANES POUR LA RECHERCHE DE DIVERS CANDIDA DANS LE SABLE DES ZONES MARINES A VOCATION BALNEAIRE	0/0/	0/0/	0/0/					
EXP 25.	GRE/005-A WHO G. P. GABRIELIDES TITLE :ANALYSIS OF COPROSTANOL AND ITS USE AS AN INDICATOR OF FAECAL POLLUTION	0/0/	0/0/	0/0/					

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
EXP 26.	ISR/013-A WHO Y. YONA YOSHEP-PURER TITLE : IS KF-STREPTOCOCCUS AGAR THE MOST SUITABLE MEDIUM FOR ENUMERATION OF FAECAL STREPTOCOCCI IN MARINE WATER?	0/ 0/	0/ 0/	0/ 0/					
EXP 27.	ISR/014-A WHO A. MATES TITLE : DETERMINATION OF E. COLI. FROM FAECAL COLIFORMS IN SEA-WATER, BY THE MEMBRANE FILTRATION CULTURE METHOD	0/ 0/	0/ 0/	0/ 0/					
EXP 28.	ITA/029-A WHO L. VILLA TITLE : STUDIES ON THE HYGIENIC CONDITIONS OF COASTAL WATERS AND THEIR RELATION TO PUBLIC HEALTH	0/ 0/	0/ 0/	0/ 0/					
EXP 29.	SPA/002-A WHO F. LUCENA-GUTIERREZ TITLE : FLUCTUATIONS DE LA POLLUTION BACTERIENNE D'ORIGINE FECALE LE LONG DU LITTORAL DE BADALONA	0/ 0/	0/ 0/	0/ 0/					
EXP 30.	SPA/004-A WHO F. LUCENA-GUTIERREZ TITLE : DIFERENCIAS DE EFICACIA EN LA RECUPERACION DE ESTREPTOCOCCOS FECALES EN LAS TEMPERATURAS DE INCUBACION DE 37N Y 44N C	0/ 0/	0/ 0/	0/ 0/					
EXP 31.	SPA/017-A WHO J. JOFRE TORROELLA TITLE : BACTERIOPHAGES OF BACTERIOIDES AS INDICATORS OF PATHOGENIC HUMAN VIRUSES IN COASTAL SEA-WATERS	0/ 0/	0/ 0/	0/ 0/					
EXP 32.	TUN/002-A WHO A. CHADLI TITLE : ETUDES COMPARATIVES SUR LES INDICATEURS DE LA POLLUTION FECALE DES EAUX DE BAIGNADE	0/ 0/	0/ 0/	0/ 0/					
EXP 33.	YUG/014-A WHO B. KURELEC TITLE : THE CORRELATION BETWEEN LEVELS AND EFFECTS OF MUTAGENIC POLLUTANTS IN THE MARINE ENVIRONMENT	0/ 0/	0/ 0/	0/ 0/					
<u>ACTIVITY C</u>									
EXP 34.	EGY/010-C WHO F. EL-SHARKHI TITLE : FORMULATION OF SCIENTIF.C RATIONALE FOR MEDITERRANEAN ENVIRONMENTAL QUALITY CRITERIA	0/ 0/	0/ 0/	0/ 0/					
EXP 35.	SPA/009-C WHO A. CRUZADO TITLE : STUDY OF THE BIOGEOCHEMICAL PROCESSES CONTROLLING THE WASTE RECEIVING CAPACITY OF SOME COASTAL AREAS OF CATALONIA	0/ 0/	0/ 0/	0/ 0/					
<u>ACTIVITY D</u>									
EXP 36.	FRA/009-D FAO ALZIEU C. TITLE : EVALUATION DES TENEURS EN MERCURE, METHYLMERCURE ET SELENIUM DANS LES POISSONS ET COQUILLAGES DES COTES FRANCAISES DE LA MEDITERRANEE	1/ 7/84	13/11/84	30/ 6/85					
37.	ITA/038-D FAO CAPELLI R. TITLE : DETERMINATION DU MERCURE TOTAL, DE METHYLMERCURE ET DE SELENIUM DANS LES ORGANISMES MARINS DE CONSUMATION AFIN D'ETUDIER LEUR CORRELATION	1/ 3/84	27/ 7/84	30/ 6/86					
38.	ITA/052-D FAO A. RENZONI TITLE : EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS; SEAFOOD ANALYSES	1/ 7/85	0/ 0/	30/ 6/86					

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
39. YUG/026-D	FAO BUZINA R. TITLE :THE ANALYSIS OF MERCURY AND METHYL MERCURY IN SEAFOOD IN VARIOUS PARTS OF THE MEDITERRANEAN REGION	1/ 2/84	14/ 2/84	30/ 6/86					
CNC 40. ALG/002-D	WHO S. KRIM TITLE :ETUDES EPIDEMIOLOGIQUES RELATIVES AUX CRITERES DE QUALITE DE L'ENVIRONNEMENT	0/ 0/00	NOT SIGNED	99/99/99					
EXP 41. GRE/008-D	WHO J. A. PAPADAKIS TITLE :EVALUATION OF HEALTH RISK AT DIFFERENT BACTERIOLOGICAL GRADING OF SEA WATER. RELATION BETWEEN DENSITIES OF INDICATOR ORGANISMS AND MICROBIAL PATHOGENS IN SEA-WATER	0/ 0/	0/ 0/	0/ 0/					
EXP 42. GRE/009-D	WHO V. KRIMELIS TITLE :RESEARCH OF ENTERIC VIRUSES IN AQUATIC ENVIRONMENTS (SEWAGE EFFLUENTS, COASTAL SEA-WATERS, FRESH WATERS)	0/ 0/	0/ 0/	0/ 0/					
EXP 43. GRE/013-D	WHO J. A. PAPADAKIS TITLE :INVESTIGATION FOR NEUROTOXINS IN SHELLFISH OF ELEFSIS AND SARONICOS GULFS	0/ 0/	0/ 0/	0/ 0/					
EXP 44. GRE/029-D	WHO S. NAKOU TITLE :HAIR SAMPLING IN HIGH RISK GREEK POPULATIONS	0/ 0/	0/ 0/	0/ 0/					
EXP 45. GRE/030-D	WHO A. TRICHOPOULOU TITLE :PILOT DIETARY SURVEY OF HIGH RISK POPULATION GROUPS	0/ 0/	0/ 0/	0/ 0/					
EXP 46. ISR/006-D	WHO B. PATTAL TITLE :EPIDEMIOLOGICAL STUDY ON THE RELATIONSHIP BETWEEN THE MICROBIAL QUALITY OF COASTAL SEA-WATER AND THE HEALTH OF SWIMMERS	0/ 0/	0/ 0/	0/ 0/					
EXP 47. ISR/008-D	WHO Y. YOSHEP-PURER TITLE :STUDIES ON THE OCCURRENCE OF STAPHYLOCOCCUS AUREUS AND PSEUDOMONAS AERUGINOSA IN COASTAL WATER IN ISRAEL	0/ 0/	0/ 0/	0/ 0/					
EXP 48. ISR/016-D	WHO B. PATTAL TITLE :EPIDEMIOLOGICAL STUDY OF MORBIDITY AND VIRAL ANTIBODIES AMONG BATHERS EXPOSED TO VARYING LEVELS OF MICROBIAL POLLUTION OF SEA-WATER	0/ 0/	0/ 0/	0/ 0/					
EXP 49. ITA/053-D	WHO A. RENZONI TITLE :EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS; SAMPLING OF HUMAN HAIR	0/ 0/	0/ 0/	0/ 0/					
EXP 50. ITA/054-D	WHO A. RENZONI TITLE :EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS; DIETARY SURVEY	0/ 0/	0/ 0/	0/ 0/					
EXP 51. SPA/003-D	WHO J. IZQUIERDO TITLE :ETUDE DE L'INCIDENCE DE CHAMPIGNONS SUR UNE PLAGES POLLUEE ET LEUR IMPORTANCE RELATIVEMENT A LA SANTE	0/ 0/	0/ 0/	0/ 0/					
EXP 52. YUG/027-D	WHO R. BUZINA TITLE :EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS AND RELATED HEALTH HAZARDS	0/ 0/	0/ 0/	0/ 0/					
EXP 53. YUG/028-D	WHO I. KOSTA	0/ 0/	0/ 0/	0/ 0/					

CODE NO INVESTIGATION NAME DATE OF COMMENCEMENT DATE OF SIGNATURE DATE OF EXPIRATION AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT FOR FOR FOR FOR FOR FOR 1983 1984 1985 1986 1987

ACTIVITY E

EXP 54. EGY/011-E WHO F. EL-SHAKAWI 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : DEVELOPMENT OF PROPOSALS FOR GUIDELINES AND CRITERIA GOVERNING THE APPLICATION OF THE LAND-BASED SOURCES PROTOCOL

ACTIVITY F

CNC 55. ALG/004-F FAO 0/ 0/ 0/ 0/ 0/ 0/ 99/99/99

EXP 56. GRE/001-F IOC J. GAMOULIS 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : DEVELOPMENT OF MATHEMATICAL MODELS FOR HORIZONTAL TRANSPORT OF POLLUTANTS IN COASTAL AREAS OF THE MEDITERRANEAN SEA

EXP 57. GRE/006-F IOC A. LASCARATOS 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : DYNAMICAL STUDY OF SURFACE COLD WATER PATTERNS APPEARING IN THE GULF OF KORINTH

EXP 58. GRE/010-F IOC M. BONAZUNTAS 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : MODELLING POLLUTANT CIRCULATION IN COASTAL WATERS

EXP 59. GRE/016-F IOC A. LASCARATOS 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : DYNAMICAL STUDY OF SURFACE COLD WATER PATTERNS APPEARING IN THE GULF OF KORINTH

EXP 60. ITA/002-F IOC M. ASTRALDI 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : DYNAMIC CONDITION IN THE EASTERN LIGURIAN SEA

EXP 61. ITA/005-F IOC F. STRAVISI 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : COASTAL DYNAMIC PROCESSES AND SURFACE TRANSPORT IN THE GULF OF TRIESTE (NORTHERN ADRIATIC) - "DYGUTS"

EXP 62. ITA/012-F IOC P. MALANOTTE RIZZOLI 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : MODELLING OF CIRCULATION PROCESSES IN THE NORTHERN ADRIATIC AND THEIR INFLUENCE ON THE DISTRIBUTION OF POLLUTANTS, CONSIDERED AS PASSIVE SCALARS

EXP 63. ITA/023-F IOC S. CUNSOLO 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : VERTICAL TRANSPORT PROCESSES OF MARINE WATER NEAR THE ITALIAN COASTS

EXP 64. ITA/033-F IOC R. SANTANGELO 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : APPROXIMATE MODELS FOR THE NORTHERN ADRIATIC SEA AND EXPERIMENTAL CHECKS OF CURRENTS IN FIXED POINTS

EXP 65. MON/001-F IOC R. VAISSIERE 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : ETUDE DE LA CIRCULATION SUPERFICIELLE LITTORALE DE LA COTE D'AZUR (AIRE DE MONACO) ET DE SES RELATIONS AVEC LA CIRCULATION GENERALE EN MER LIGURE

EXP 66. TUR/001-F IOC U. UNLUATA 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : OCEANOGRAPHIC PROCESSES IN THE NORTHEASTERN LEVANTINE COASTAL WATERS

EXP 67. TUR/002-F IOC E. OZSOY 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ TITLE : POLLUTANT TRANSPORT PROCESSES AT GOKSU, SEYHAN AND CEYHAN RIVER MOUTHS

EXP 68.	YUG/006-F	IOC	M. GACIC	0/ 0/	0/ 0/	0/ 0/	0/ 0/							
		TITLE :LOW-FREQUENCY CURRENT FIELD OSCILLATIONS IN THE COASTAL ZONE OF THE CENTRAL ADRIATIC												
EXP 69.	YUG/015-F	IOC	M. MUZMILIC	0/ 0/	0/ 0/	0/ 0/	0/ 0/							
		TITLE :MATHEMATICAL MODELLING OF HORIZONTAL CIRCULATION AND VERTICAL DISTRIBUTION OF CURRENTS IN THE NORTHERN ADRIATIC												
EXP 70.	YUG/025-F	IOC	J. FAGANELI	0/ 0/	0/ 0/	0/ 0/	0/ 0/							
		TITLE :MODIFICATIONS OF THE SUSPENDED ORGANIC MATTER COMPOSITION AND SEDIMENTATION IN THE POLLUTED COASTAL WATERS												
EXP 71.	YUG/036-F	IOC	M. ZORE-ARMANDA	0/ 0/	0/ 0/	0/ 0/	0/ 0/							
		TITLE :TURBIDITY TRANSPORT BY RESIDUAL CURRENTS												
<u>ACTIVITY G</u>														
EXP 72.	EGY/002-G	S.D.	WAHBY	0/ 0/00	0/ 0/00	NOT SIGNED	0/ 0/00							
		TITLE :RESEARCH ON THE TOXICITY, PERSISTENCE, TRANSFER AND ACCUMULATION OF PETROLEUM HYDROCARBONS, MERCURY, CADMIUM AND LEAD IN THE NEARSHORE WATER OFF ALEXANDRIA												
CNC 73.	ALG/003-G	FAO	K. BENSALAH	0/ 0/00	0/ 0/00	NOT SIGNED	99/99/99							
		TITLE :RECHERCHES SUR LA TOXICITE, LA PERSISTENCE, LA BIOACCUMULATION, LA CANCEROGENICITE ET LA MUTAGENICITE												
EXP 74.	EGY/004-G	FAO	A.H. EL-SEBAE	1/ 9/82	27/12/82	30/ 6/85								
		TITLE :ACUTE AND CHRONIC TOXICITY TO MARINE BIOTA OF WIDELY USED DISPERSANTS, PCBs, CHLORINATED PESTICIDES AND THEIR COMBINATIONS, AND THEIR COMBINATIONS, AND THEIR BIOMAGNIFICATION IN ALEXANDRIA REGION												
EXP 75.	FRA/001-G	FAO	KAIM-HALKA R.A.	1/ 6/83	13/ 6/83	31/ 5/85								
		TITLE :RECHERCHES SUR LA TOXICITE, LA PERSISTENCE, LA BIOACCUMULATION, LA CARCINOGENICITE ET LA MUTAGENICITE												
EXP 76.	FRA/008-G	FAO	AUBERT M.	1/ 7/84	4/ 6/84	30/ 6/85								
		TITLE :ETUDE DE LA TOXICITE DE COMPOSES SILICONES EN MILIEU MARIN												
EXP 77.	GRE/002-G	FAO	MORAITOU-APOSTOLOPOULOU M.	1/ 1/83	17/ 3/83	30/ 6/85								
		TITLE :STUDIES ON TOXICITY OF OIL, OIL DISPERSANTS, AND OIL/DISPERSANT MIXTURES ON VARIOUS MARINE ORGANISMS AS WELL AS THE COMBINED EFFECTS OF DISPERSANTS AND SOME HEAVY METALS												
EXP 78.	GRE/007-G	FAO	CASTRITSI-CATHARIOS J.	20/ 6/83	8/ 2/84	30/6/85								
		TITLE :L'INFLUENCE TOXIQUE DES DISPERSANTS												
CNC 79.	GRE/015-G	FAO	M. MORAITOU-APOSTOLOPOULOU	0/ 0/	0/ 0/	99/99/99								
		TITLE :INFLUENCE OF DIFFERENT PHYSICOCHEMICAL FACTORS ON THE TOXICITY OF A) CRUDE OIL, B) OIL DISPERSANT, C) OIL/OIL DISPERSANT MIXTURE TO ARTEMIA SALINA AND OTHER MARINE ORGANISMS												
80.	GRE/026-G	FAO	BARITOS A.	1/ 7/84	21/ 1/85	30/ 6/86								
		TITLE :STUDY OF THE RESPONSES OF MARINE ORGANISMS TO POLLUTANTS AT THE LEVEL OF FUNCTIONAL PROTEINS												

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT				
					FOR 1983	FOR 1984	FOR 1985	FOR 1986	FOR 1987
81. GRE/031-G	FAO S. E. PAPOUTSOGLU TITLE :EFFECT OF CADMIUM AND OTHER POLLUTANTS ON THE SURVIVAL, GROWTH RATE AND REPRODUCTION OF COMMERCIALY CULTURED MARINE AND BRACKISH WATER FISH OF THE MEDITERRANEAN	1/ 7/85	17/ 9/85	30/ 6/86					
82. GRE/032-G	FAO A. A. HARITOS TITLE :STUDY OF THE EFFECT OF HEAVY METALS ON POLYPEPTIDES IN FISH AND CRUSTACEAN SPECIES BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	1/ 7/85	0/ 0/	30/ 6/86					
CNC 83. GRE/033-G	FAO J. CASPRITSI-CATHARIOS TITLE :STUDY OF THE ANTIFOULING PAINTS TOXIC ACTION. CHECK OF THE AFFORDED EFFECTIVE PROTECTION IN RELATION TO THE MAIN POLLUTING ORGANISMS	0/ 0/	0/ 0/	99/99/99					
EXP 84. ISR/007-G	FAO NEVO E. TITLE :THE GENETIC STRUCTURE OF MARINE ORGANISMS AS A DETECTOR AND MONITOR OF MARINE POLLUTION	1/ 9/82	26/12/82	31/12/84					
85. ISR/009-G	FAO NEVO E. TITLE :COMPLEX POLLUTION EFFECTS OF TWO HEAVY METALS (MERCURY AND CADMIUM) ON THE GENETIC STRUCTURE OF MARINE ORGANISMS	1/ 7/84	20/ 9/84	30/ 6/86					
86. ISR/010-G	FAO KRUGALZ B. TITLE :BIOACCUMULATION OF MERCURY AND ITS DISTRIBUTION IN VARIOUS ORGANS OF SOME SHORE FISHES OFF THE MEDITERRANEAN SEA COAST	1/ 7/84	3/12/84	30/ 6/86					
87. ISR/015-G	FAO Y. ACHITUV TITLE :THE INFLUENCE OF POLLUTION BY HEAVY METALS ON VARIOUS PHYSIOLOGICAL ASPECTS AND ENERGY BUDGET OF DONAX TRUNCULUS (BIVALVIA), NASSARIUS CIRCUMCINCTA AND N. GIBBOLOSA (GASTROPODS)	1/ 7/85	17/ 9/85	30/ 6/860					
CNC 88. ITA/015-G	FAO R. DE SIMONE TITLE :PCB'S HIGH CHLORINATED IN MARINE ENVIRONMENT; A) REVIEW ON EFFECTS B) STUDIES OF PERSISTENCE AND BIOACCUMULATION C) STUDIES OF ACUTE AND CHRONIC TOXICITY ON MICROORGANISMS	0/ 0/	0/ 0/	99/99/99					
89. ITA/021-G	FAO DALLA VENETIA L. TITLE :PHYSIOLOGICAL AND BIOCHEMICAL RESPONSE OF MARINE ORGANISMS TO PCB POLLUTION IN A WIDE RANGE OF ENVIRONMENTAL FACTORS	1/12/82	22/ 3/83	30/ 6/86					
CNC 90. ITA/027-G	FAO V. ALBERGONI TITLE :TOXIC EFFECTS AND METABOLISM OF HEAVY METALS, RELATED ALSO TO MUTAGENIC AND CARCINOGENIC SHORT TERM TESTS, ACCORDING TO THEIR CHEMICAL SPECIES AND TO THE INTERACTIONS WITH ORGANIC POLLUTANTS IN	0/ 0/	0/ 0/	99/99/99					
EXP 91. ITA/031-G	FAO ORUNESU M. TITLE :ENZYMIC ASPECTS OF THE XENOBIOTIC METABOLIZING SYSTEM IN MYTILUS GALLOPROVINCIALIS LAM.	1/12/82	21/ 2/83	30/ 6/85					
92. ITA/039-G	FAO RENSONI A. TITLE :CONTAMINANTS IN RESIDENT AND MIGRATORY BIRDS IN THE EASTERN MEDITERRANEAN FLYWAY	1/ 7/84	2/ 1/85	30/ 6/86					
CNC 93. ITA/040-G	FAO A. VIARENCO TITLE :EFFECTS OF ORGANIC XENOBIOTIC COMPOUNDS (AROCLOL 1254) ON THE METABOLISM OF THE MUSSEL MYTILUS GALLOPROVINCIALIS LAM.	0/ 0/	0/ 0/	99/99/99					

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR				
					1983	1984	1985	1986	1987
EXP 94.	MAL/001-G FAO AXIAK V. TITLE :RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS	1/11/82	22/12/82	30/ 6/85					
CNC 95.	MAL/002-G FAO V. AXIAK TITLE :RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS	0/ 0/	0/ 0/	99/99/99					
CNC 96.	MOR/002-G FAO M. KESSABI TITLE :RECHERCHE SUR LA TOXICITE, LA PERSISTANCE, LA BIOACCUMULATION, LA CARCINOGENICITE ET LA MUTAGENICITE	0/ 0/	0/ 0/	99/99/99					
97.	SPA/013-G FAO J. MEDINA ESCRICHE TITLE :STUDY OF THE TOXICITY, BIOACCUMULATION AND PERSISTENCE OF SOME HEAVY METALS AND PESTICIDES IN THE CRAYFISH PROCAMBARUS CLARKII (GIRARD) ON THE ALBUFERA LAKE	1/ 7/85	5/ 9/85	30/ 6/86					
98.	TUR/005-G FAO BACCI H. TITLE :DESIGN AND DEVELOPMENT OF BIO-TEST METHODS THAT WILL BE USED TO ASSAY THE POLLUTANTS LISTED IN THE ANNEXES OF THE PROTOCOLS WITH RESPECT TO THEIR TOXICITY, RESIDUAL EFFECTS, BIO-DEGRADABILITY, MUTAGENICITY AND	1/ 1/83	24/ 2/83	30/ 6/86					
EXP 99.	YUG/005-G FAO TUDOR M. TITLE :RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS	1/ 1/83	23/ 3/83	30/ 6/85					
EXP 0.	YUG/021-G FAO OZRETIC M. TITLE :TOXICITY AND BIOACCUMULATION OF POLLUTANTS IN MARINE ORGANISMS	1/10/82	14/ 1/83	31/12/84					
1.	YUG/023-G FAO GASIC M. TITLE :HALOGEN-CONTAINING TERPENOIDS AND RELATED SUBSTANCES IN MARINE ORGANISMS	1/ 3/84	20/12/83	30/ 6/86					
2.	YUG/038-G FAO OZRETIC M. TITLE :TOXICITY OF POLLUTANTS TO MARINE ORGANISMS; PHYSIOLOGICAL AND BIOCHEMICAL STUDIES	1/ 7/84	20/ 9/84	30/ 6/86					
3.	YUG/047-G FAO N. FANUKO TITLE :TOXICITY OF CADMIUM, MERCURY AND PCBs TO THE REPRESENTATIVE NORTHERN-ADRIATIC PHYTOPLANKTON SPECIES CULTURED IN VITRO	1/ 7/85	0/ 0/	30/ 6/86					
CNC 4.	YUG/048-G FAO M. TUDOR TITLE :RESEARCH ON THE EFFECTS OF OIL AND HEAVY METALS ON FISHES	0/ 0/	0/ 0/	99/99/99					
5.	YUG/053-G FAO M. OZRETIC TITLE :SERUM ENZYMES IN FISH AS BIOCHEMICAL INDICATORS OF MARINE POLLUTION	1/ 7/85	17/ 9/85	30/ 6/86					
EXP 6.	YUG/041-G IAEA B. COSOVIC TITLE :STUDY OF THE PHYSICO-CHEMICAL INTERACTIONS OF NATURAL AND ARTIFICIAL SURFACE ACTIVE SUBSTANCES WITH TOXIC SUBSTANCES IN THE SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 7.	ITA/006-G WHO S. DE FLORA TITLE :MUTAGENICITY, GENOTOXICITY INTERACTIONS AND METABOLISM OF CHEMICAL COMPOUNDS IN THE MARINE ENVIRONMENT AND IN MARINE ORGANISMS	0/ 0/	0/ 0/	0/ 0/					
EXP 8.	ITA/028-G WHO G. BRONZETTI TITLE :MUTAGENICITY AND CARCINOGENICITY STUDIES ON MARINE POLLUTANTS	0/ 0/	0/ 0/	0/ 0/					
EXP 9.	ITA/030-G WHO G.P. DE RENZI TITLE :RESEARCH INTO THE TOXICITY, PERSISTENCE, BIOACCUMULATION AND	0/ 0/	0/ 0/	0/ 0/					

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EXP 10.	ALG/004-H	FAO F. AID TITLE :EUTROPHISATION ET FLORAISONS CONCOMITANTES DE PLANKTON, DANS LE PORT D'ALGER	1/ 1/83	31/ 8/83	31/12/84					
CNC 11.	EGY/001-H	FAO H.A. SULTAN TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS	0/ 0/00	NOT SIGNED	99/99/99					
EXP 12.	TUN/004-H	FAO HADJ ALI M. TITLE :EUTROPHISATION ET FLORAISONS CONCOMITANTES DE PLANKTON	1/ 1/83	28/ 3/83	30/ 6/85					
EXP 13.	TUR/008-H	FAO IZDAR E. TITLE :ELEMENTAL TRANSFER PROCESS AND EUTROPHICATION IN BUYUK MENDERES DELTA (GREAT MEANDER DELTA) AND THEIR OFFSHORE DISTRIBUTION, EASTERN ARGEAN-TURKEY	15/ 2/83	11/ 5/83	30/ 6/85					
EXP 14.	YUG/003-H	FAO MARASOVIC I. TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS IN THE COASTAL AREA OF CENTRAL ADRIATIC	1/ 1/83	7/ 2/83	30/ 6/85					
15.	YUG/008-H	FAO ZUTIC V. TITLE :RELATIONSHIP BETWEEN PHYTOPLANKTON BLOOMS AND DISSOLVED ORGANIC MATTER IN THE NORTHERN ADRIATIC	1/10/83	1/12/83	30/ 6/86					
16.	YUG/013-H	FAO LEGOVIC T. TITLE :MODELLING EUTROPHICATION PROCESSES IN THE NORTHERN ADRIATIC	1/10/83	1/12/83	30/ 6/86					
EXP 17.	YUG/024-H	FAO FANUKO N. TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS	1/ 4/83	24/ 5/83	30/ 6/85					
CNC 18.	YUG/037-H	FAO D. ZAVODNIK TITLE :MONITORING OF ECOSYSTEMS MODIFICATIONS IN THE NORTHERN ADRIATIC SEA INDUCED BY EUTROPHICATION AND ANTHROPOGENIC ACTIVITIES	0/ 0/	0/ 0/	99/99/99					
CNC 19.	YUG/040-H	FAO N. FANUKO TITLE :EUTROPHICATION OF THE NORTH ADRIATIC AND CONCOMITANT PLANKTON BLOOMS	0/ 0/	0/ 0/	99/99/99					
20.	YUG/043-H	FAO I. MARASOVIC TITLE :STUDIES OF TOXIC DINOFLAGELLATE SPECIES IN THE INSHORE WATERS OF THE EAST ADRIATIC COAST	1/ 7/85	9/ 9/85	30/ 6/86					
CNC 21.	YUG/046-H	FAO D. VILICIC TITLE :RELATIONSHIP BETWEEN LAND-BASED SOURCES AND PLANKTON COMPOSITION AT THREE NEARSHORE STATIONS (DUBROVNIK, STON, SIBENIK) - EASTERN ADRIATIC	0/ 0/	0/ 0/	99/99/99					
CNC 22.	YUG/051-H	FAO D. REGNER TITLE :INFLUENCE OF EUTROPHICATION ON THE COPEPOD NUTRITION IN THE COASTAL ENVIRONMENT	0/ 0/	0/ 0/	99/99/99					
CNC 23.	YUG/052-H	FAO I. VUKADIN TITLE :EFFECTS OF EUTROPHICATION ON THE ECOSYSTEM IN SEMI-ENCLOSED BASINS (KASTELA BAY AND BLEPSIS BAY)	0/ 0/	0/ 0/	99/99/99					
CNC 24.	YUG/054-H	FAO R. PRECALI TITLE :EFFECTS OF LIGHT ON THE PATHWAYS OF CARBON ASSIMILATION IN THE	0/ 0/	0/ 0/	99/99/99					

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT ANCEINT FOR 1983	AMOUNT ANCEINT FOR 1984	AMOUNT ANCEINT FOR 1985	AMOUNT ANCEINT FOR 1986	AMOUNT ANCEINT FOR 1987
ACTIVITY I									
CNC 25.	EGY/005-I Y. HALIM TITLE : POLLUTION INDUCED ECOSYSTEM MODIFICATIONS	0/ 0/00	NOT SIGNED	99/99/99					
CNC 26.	FRA/002-I D.*BELLAN-SANTINI TITLE : MODIFICATIONS DANS LES ECOSYSTEMES BENTHIQUES DE SUBSTRATS DURS ET DEMI-DURS	0/ 0/	0/ 0/	99/99/99					
EXP 27.	FRA/003-I STORA G. TITLE : LABORATION DE CRITERES FONDAMENTAUX POUR LA SURVEILLANCE BIOLOGIQUE A LONG TERME DE LA POLLUTION	1/ 6/83	13/ 6/83	31/ 5/85					
CNC 28.	GRE/003-I A. J. ZARKANELLAS TITLE : STRUCTURAL AND PHYSIOLOGICAL CHANGES IN BENTHIC COMMUNITIES AS A MEASURE OF THE STATE OF POLLUTION IN MARINE ENVIRONMENTS	0/ 0/	0/ 0/	99/99/99					
29.	GRE/014-I CASTRITSI-CATHARIOS J. TITLE : ETUDE COMPARATIVE DES MODIFICATIONS DES ECOSYSTEMES DES EAUX COTIERES DU GOLFE ET DU PORT DE PATRAS SOUMISES A L'INFLUENCE DES POLLUANTS	1/ 7/84	21/ 1/85	30/ 6/86					
30.	GRE/017-I NICOLAIDOU A. TITLE : EFFECTS OF POLLUTION ON THE DISTRIBUTION OF MOLLUSCS IN MESSOLONGHI LAGOON AND ADJACENT AREAS	1/ 7/84	21/ 1/85	30/ 6/86					
31.	GRE/023-I PANAYOTIDIS P. TITLE : ETUDE DE L'IMPACT DE LA POLLUTION SUR LES HERBIERS DE POSIDONIA OCEANICA DANS LE GOLFE SARONIKOS (MER EGEE, GRECE)	1/ 7/84	18/12/84	30/ 6/86					
CNC 32.	ITA/007-I G. ZURLINI TITLE : DATA COLLECTION, APPLICATION AND DEVELOPMENT OF METHODS FOR THE ASSESSMENT OF MODIFICATIONS IN BENTHIC ECOSYSTEMS	0/ 0/	0/ 0/	99/99/99					
33.	ITA/008-I SARA M. TITLE : REVALUATION OF THE CONDITIONS OF SOME POSIDONIA MEADOWS IN THE NORTH-WESTERN MEDITERRANEAN SEA AND EVENTUAL EFFECTS OF POLLUTANTS ON THE ASSOCIATED FAUNA	1/ 1/83	25/ 1/83	30/ 6/86					
EXP 34.	ITA/022-I DI GERONIMO S. TITLE : RELATIONS BETWEEN POLLUTION AND BIOGENOSES IN THE ROADSTEAD OF AUGUSTA (EASTERN SICILY)	15/ 3/83	9/ 3/83	30/ 6/85					
EXP 35.	ITA/024-I COGNETTI G. TITLE : EFFECTS OF POLLUTION ON BENTHOS	1/10/82	31/ 3/83	30/ 6/85					
EXP 36.	ITA/026-I ALBERTELLI G. TITLE : CONDITIONS ACTUELLES DES BIOGENOSES BENTHIQUE DU PLATEAU LIGURIEN ET DES ILES DE L'ARCHIPEL TOSCAN	1/10/82	24/ 3/83	30/ 6/85					
EXP 37.	LEB/001-I LAKKIS S. TITLE : MODIFICATIONS DES ECOSYSTEMES PAR LA POLLUTION	1/ 4/83	11/ 5/83	30/ 6/85					
EXP 38.	LEB/002-I N. M. KHAIRALLAH TITLE : POLLUTION-INDUCED ECOSYSTEMS MODIFICATIONS	1/ 1/86	0/ 0/	0/ 0/					

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CNC 39.	MON/002-I	FAO R. VAISSIERE	0/ 0/	0/ 0/	99/99/99					
TITLE :MODIFICATION DES CONDITIONS ECOLOGIQUES DANS UN SYSTEME COTIER SEMI-FERME, SOUMIS AUX EFFETS DE L'ACTIVITE HUMAINE										
CNC 40.	TUN/001-I	FAO C. CAPAPE	0/ 0/	0/ 0/	99/99/99					
TITLE :MODIFICATION DES ECOSY- TEMES PAR LA POLLUTION										
EXP 41.	TUR/007-I	FAO KOCATAS A.	1/12/82	20/ 1/83	30/ 6/85					
TITLE :THE EFFECTS OF POLLUTION ON THE BENTHIC AND PELAGIC ECOSYSTEMS IN THE BAY OF IZMIR										
EXP 42.	YUG/002-I	FAO REGNER D.	1/ 1/83	7/ 2/83	30/ 6/85					
TITLE :POLLUTION-INDUCED ECOSYSTEM MODIFICATION IN THE COASTAL AREA OF CENTRAL ADRIATIC										
EXP 43.	YUG/007-I	FAO BENOVIC A.	1/10/82	9/ 9/83	30/ 6/85					
TITLE :INVESTIGATION OF ZOOPLANKTON COMMUNITIES IN THE NORTHERN ADRIATIC SEA										
EXP 44.	YUG/019-I	FAO ZAVODNIK D.	1/10/82	12/ 4/83	30/ 6/85					
TITLE :MONITORING OF ECOSYSTEMS MODIFICATIONS IN THE NORTHERN ADRIATIC SEA INDUCED BY EUTROPHICATION AND ANTHROPOGENIC ACTIVITIES										
<u>ACTIVITY J</u>										
45.	CYP/001-J	FAO A. DEMETROPOULOS	1/ 1/83	2/ 4/83	30/ 6/86					
TITLE :STUDY OF LITTORAL, BENTHIC AND FISH COMMUNITIES IN THE VASILIKOS-MONI AREA IN RELATION TO THE EFFECT ON THESE OF POLLUTION FROM THERMAL EFFLUENTS										
46.	ITA/013-J	FAO TARAMELLI-RIVOCCHI E.	1/ 3/83	7/ 9/83	30/ 6/86					
TITLE :EFFECTS OF THERMAL EFFLUENTS ON SEASHORE ORGANISMS AT TORVALDALIGA (CIVITAVECCHIA-ROMA)										
CNC 47.	YUG/012-J	FAO V. PRAVDIC	0/ 0/	0/ 0/	99/99/99					
TITLE :DEVELOPMENT OF SCIENTIFIC CRITERIA FOR A CODE-OF-GOOD-PRACTICE IN SITING OF THERMAL EFFLUENTS IN THE MEDITERRANEAN REGION										
<u>ACTIVITY K</u>										
48.	EGY/007-K	FAO I.H. ELSOKKARY	1/ 9/83	1/12/83	30/ 6/86					
TITLE :BIOGEOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS										
49.	FRA/006-K	FAO VICENTE N.	1/10/82	3/ 1/83	30/ 6/86					
TITLE :CONTROLE DES METAUX LOURDS DANS LES ECOSYSTEMES LITTORAUX ET LES CHAINES ALIMENTAIRES MARINES										
50.	GRE/022-K	FAO CATSIKI A.V.	1/ 7/84	18/12/84	30/ 6/86					
TITLE :BIOACCUMULATION DU MERCURE ET D'AUTRES METAUX DANS L'ECOSYSTEME MARIN										
CNC 51.	ISR/004-K	FAO B.S. KRUMGALZ	0/ 0/	0/ 0/	99/99/99					
TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY IN A POLLUTED AREA										
52.	ISR/011-K	FAO KRUMGALZ B.	1/ 7/85	22/ 7/85	30/ 6/86					
TITLE :SOME ASPECTS OF THE BIOGEOCHEMICAL CYCLE OF MERCURY IN A POLLUTED AREA OFF THE ISRAEL MEDITERRANEAN COAST										
CNC 53.	ITA/001-K	FAO M. BERNHARD	0/ 0/	0/ 0/	99/99/99					

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- EXP 54. ITA/025-K FAO RENZONI A. 1/12/82 2/ 2/83 30/ 6/85
TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY AND SELENIUM (INCLUDING MARINE RESIDENT AND MIGRATORY BIRDS)
- CNC 55. ITA/036-K FAO A. RENZONI 0/ 0/ 0/ 0/ 99/99/99
TITLE :BIOCHEMICAL CYCLE OF MERCURY AND SELENIUM (INCLUDING MARINE MIGRATORY BIRDS)
- EXP 56. TUR/003-K FAO SALIHOGLU I. 1/10/82 9/ 2/83 30/ 6/85
TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY IN THE NORTH-EASTERN MEDITERRANEAN (SOUTHERN COAST OF TURKEY)
- CNC 57. TUR/006-K FAO H. UYSAL 0/ 0/ 0/ 0/ 99/99/99
TITLE :BIOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS. (STUDIES ON SOME HEAVY METALS (SPECIALLY MERCURY, CADMIUM AND LEAD) CONCENTRATION OF SOME SELECTED INDICATOR MARINE ORGANISMS FROM THE IZMIR BAY AND VICINITY)
- EXP 58. TUR/009-K FAO IZDAR E. 15/ 2/83 11/ 5/83 30/ 6/85
TITLE :POLLUTANT TRANSFER PROCESS AND BIOGEOCHEMICAL CYCLE OF SPECIFIC POLLUTANTS AT THE SELECTED LOCATION OF CANDARLI GULF, TURKEY
- EXP 59. YUG/049-K FAO T. ZVONARIC 1/ 7/85 9/ 9/85 30/ 6/86
TITLE :STUDY OF THE MERCURY ECOCYCLE IN THE MARINE SYSTEM OF THE KASTEL BAY
- EXP 60. YUG/011-K IAEA M. BRANICA 0/ 0/ 0/ 0/ 0/ 0/
TITLE :ANTHROPOGENIC INFLUENCE ON THE DISTRIBUTION AND FLUXES OF LEAD SPECIES INTO THE MARINE ENVIRONMENT
- EXP 61. YUG/022-K IAEA M. AJDACIC 0/ 0/ 0/ 0/ 0/ 0/
TITLE :ACCUMULATION AND TRANSPORT OF RADIONUCLIDES IN THE BIOTA OF THE SOUTH ADRIATIC REGION
- EXP 62. EGY/003-K WHO F. EL-SHARKAWI 0/ 0/ 0/ 0/ 0/ 0/
TITLE :BIOGEOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS. SURVIVAL OF PATHOGENS IN THE MEDITERRANEAN
- EXP 63. ISR/003-K WHO B. CAVARI 0/ 0/ 0/ 0/ 0/ 0/
TITLE :EFFECT OF POLLUTION ON MICROBIAL COMMUNITIES IN THE EASTERN MEDITERRANEAN SEA.
- EXP 64. SPA/006-K WHO P. ROMERO RAYA 0/ 0/ 0/ 0/ 0/ 0/
TITLE :SURVIVAL OF PATHOGENIC MICROORGANISMS IN SEA-WATER
- EXP 65. TUN/003-K WHO S. JEROV 0/ 0/ 0/ 0/ 0/ 0/
TITLE :SURVIE DES ENTERO-BACTERIES PATHOGENES, DES VIBRIONS ET DES GERMES MARQUEURS DE POLLUTION FECALE EN RELATION AVEC CERTAINS FACTEURS PHYSICO-CHIMIQUES DU MILIEU MARIN
- EXP 66. YUG/020-K WHO D. FUKS 0/ 0/ 0/ 0/ 0/ 0/
TITLE :SURVIVAL OF SOME INTESTINAL PATHOGENS IN THE MARINE ENVIRONMENT

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- EXP 67. GRE/020-L IAEA S. VARNAVAS 0/ 0/ 0/ 0/ 0/ 0/
TITLE :DISPERSION AND TRANSPORT PROCESSES OF HEAVY METALS IN A CHROMITE WATER DUMPING SITE IN A SEMI-ENCLOSED EMBAIMENT OF LOW CURRENT AND WAVE ENERGY

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
EXP 68. ITA/003-L	IAEA O. BIEKE HERLIN TITLE :TEXTURAL AND MINERALOGICAL CHARACTERS AND ROLE IN THE POLLUTION PROCESSES OF BOTTOM SEDIMENTS IN THE NORTHERN ADRIATIC SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 69. ITA/014-L	IAEA L. TASSI-PELATI TITLE :STUDY ON THE 137 C AND 239 PU FLUXES INTO MEDITERRANEAN MARINE ENVIRONMENT	0/ 0/	0/ 0/	0/ 0/					
EXP 70. ITA/032-L	IAEA R. FRACHE TITLE :CHEMISTRY AND DYNAMICS IN THE TRANSPORT OF HEAVY METALS IN PARTICULATE MATTER IN LIGURIAN AND TYRRHENIAN SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 71. YUG/010-L	IAEA V. PRAVDIC TITLE :THE ROLE OF SEDIMENTS AND SUSPENDED MATTER IN THE TRANSFER OF SELECTED POLLUTANTS IN THE NORTHERN ADRIATIC BASIN	0/ 0/	0/ 0/	0/ 0/					
EXP 72. EEC/001-L	IOC P. FRAYSSE TITLE :ETUDE DU TRANSPORT COTIER DE LA POLLUTION	0/ 0/00	NOT SIGNED	0/ 0/00					
EXP 73. EGY/008-L	IOC M.FA. HACKLAD TITLE :POLLUTANT TRANSFER PROCESSES	0/ 0/00	NOT SIGNED	0/ 0/00					
EXP 74. FRA/004-L	IOC A. ARNOUX TITLE :SEDIMENTATION ET EVOLUTION DES DEPOTS DANS UNE ZONE LITTORALE INDUSTRIELLE	0/ 0/	0/ 0/	0/ 0/					
EXP 75. FRA/007-L	IOC A. HONNACO TITLE :ROLE DES COUCHES NÉPHÉLOÏDES ET DES COLLOÏDES ORGANIQUES DANS LE TRANSPORT DES MÉTAUX LOURDS (PB, CD, CU, ZN) DU MILIEU ESTUARIEN AU MILIEU MARIN. EXEMPLE DU RHONE	0/ 0/	0/ 0/	0/ 0/					
EXP 76. GRE/004-L	IOC M.J. SCULLIOS TITLE :STUDY OF THE TRANSPORT OF PARTICLES IN GREEK ESTUARIES	0/ 0/	0/ 0/	0/ 0/					
EXP 77. ISR/001-L	IOC A. GOLIK TITLE :STAR BALLS DISPERSAL AND ACCUMULATION ON THE BEACH AND THEIR RELATION TO WAVE AND CURRENT REGIME	0/ 0/	0/ 0/	0/ 0/					
EXP 78. ITA/016-L	IOC T. LA NOCE TITLE :STUDY OF FACTORS CONTROLLING THE FATE AND EFFECTS OF SOME POLLUTANTS CARRIED OUT FROM THE TIBER RIVER TO THE SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 79. ITA/035-L	IOC P. COSTA TITLE :FLOW OF POLLUTANTS (NUTRIENTS AND HEAVY ELEMENTS) INTO THE LAGON OF VENICE FROM NATURAL AND AGRICULTURAL RIVERS	0/ 0/	0/ 0/	0/ 0/					
EXP 80. ITA/037-L	IOC A.A. ORIO TITLE :TRANSPORT MECHANISMS OF POLLUTANTS AT THE SEDIMENT-WATER INTERFACE	0/ 0/	0/ 0/	0/ 0/					
EXP 81. ITA/056-L	IOC G. FIERRO TITLE :SEDIMENT AND PARTICULATE MATTER STUDIES IN THE LIGURIAN SEA; MECHANISM OF INTERACTION WITH POLLUTANT MATTER	0/ 0/	0/ 0/	0/ 0/					

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					FOR 1983	FOR 1984	FOR 1985	FOR 1986
EXP 11. GRE/024-2	UNEP E. PAPATHANASSIOU	0/ 0/	0/ 0/	0/ 0/				
	TITLE :STUDIES ON THE ECOLOGY AND BIOLOGY OF JELLYFISH IN GREECE							
EXP 12. GRE/025-2	UNEP J. CASTRITSI-CATHARIOS	0/ 0/	0/ 0/	0/ 0/				
	TITLE :DISTRIBUTION QUANTITATIVE ET QUALITATIVE DES MEDUSES COMMUNES DANS LES ZONES PROCHES DE LA COTE DES ILES; HYDRA, POROS ET AUSSI AU N.E. DU GOLFE DE KORINTHE							
EXP 13. GRE/027-2	UNEP A. DAVAKIS	0/ 0/	0/ 0/	0/ 0/				
	TITLE :DATA COLLECTION/DISSEMINATION AND SUPPORT OF RESEARCH ON THE MEDUSA IN THE MEDITERRANEAN							
CNC 14. GRE/028-2	UNEP A.P. GRIMANIS	0/ 0/	0/ 0/	99/99/99				
	TITLE :USE OF ISOTOPES TO IDENTIFY THE FOOD SOURCES OF JELLYFISH BLOOMS; NATURAL ECOSYSTEMS OR SEWAGE EFFLUENTS							
EXP 15. ITA/042-2	UNEP L. ROTTINI-SANDRINI	0/ 0/	0/ 0/	0/ 0/				
	TITLE :MONITORAGE DES MEDUSES EN ADRIATIQUE ET DOMMAGE A LA PECHE							
EXP 16. ITA/043-2	UNEP L. ROTTINI-SANDRINI	0/ 0/	0/ 0/	0/ 0/				
	TITLE :ETUDE ECOLOGIQUE EXPERIMENTAL DE PELAGIA NOCTILUCA							
EXP 17. ITA/046-2	UNEP B. DELLA LOGGIA	0/ 0/	0/ 0/	0/ 0/				
	TITLE :INDIVIDUATION AND TOXICOLOGICAL EVALUATION OF THE DERMATOTOXIC PRINCIPLES OF PELAGIA NOCTILUCA AND OTHER MEDUSAE							
EXP 18. ITA/047-2	UNEP C. SCARPA	0/ 0/	0/ 0/	0/ 0/				
	TITLE :STUDY ON THE HISTOLOGY AND ON THE LOCAL TREATMENT OF HUMAN SKIN INJURIES FROM JELLYFISH STINGS							
EXP 19. ITA/048-2	UNEP A. CARLI	0/ 0/	0/ 0/	0/ 0/				
	TITLE :SAMPLE-MONITORING OF PELAGIA NOCTILUCA IN THE LIGURIAN SEA; BIOLOGICAL AND ECOLOGICAL ASPECTS							
EXP 20. ITA/049-2	UNEP G. C. PAPPALADO	0/ 0/	0/ 0/	0/ 0/				
	TITLE :MULTI-ELEMENT ANALYSIS OF MEDITERRANEAN SEA-WATERS AND ASSESSMENT OF ENVIRONMENTAL QUALITY IN RELATION TO JELLYFISH SWARMINGS, AND STRUCTURE CHARACTERIZATION OF CHEMICAL COMPONENTS OF VENOM PRODUCED BY							
EXP 21. ITA/050-2	UNEP A. SALLEO	0/ 0/	0/ 0/	0/ 0/				
	TITLE :DISCHARGE MECHANISM OF THE NEMATOCYSTS OF PELAGIA NOCTILUCA							
EXP 22. ITA/051-2	UNEP A. LONGINELLI	0/ 0/	0/ 0/	0/ 0/				
	TITLE :STABLE ISOTOPE RESEARCH (18 O/16 O, D/H AND 13 C/12 C) AS A NEW TOOL FOR STUDYING THE RELATIONSHIPS BETWEEN SOME ENVIRONMENTAL PARAMETERS AND THE BEHAVIOUR OF JELLYFISH							
EXP 23. ITA/055-2	UNEP F. BOERO	0/ 0/	0/ 0/	0/ 0/				
	TITLE :PROJECT ON JELLYFISH ON THE MEDITERRANEAN SEA							
EXP 24. ITA/058-2	UNEP L. SCALERA LIACI	0/ 0/	0/ 0/	0/ 0/				
	TITLE :JELLYFISH IN THE MEDITERRANEAN SEA							

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT			
					FOR 1983	FOR 1984	FOR 1985	FOR 1986

EXP 40.	GRE/012-2	WHO	S.K. MASTRONICOLIS	0/ 0/	0/ 0/	0/ 0/	0/ 0/	0/ 0/
EXP 41.	GRE/012-2	WHO	S.K. MASTRONICOLIS	0/ 0/	0/ 0/	0/ 0/	0/ 0/	0/ 0/

TITLE ISOLATION AND IDENTIFICATION OF NEW MOLECULES PHOSPHOLIPIDS IN
JELLYFISH

TOTALS FOR :

1983	1984	1985	1986	1987
75,000	96,200	118,500	76,500	

LIST OF RESEARCH PROPOSALS BY COUNTRY

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
<u>ALGERIA</u>									
CNC 1. ALG/001-A	IOC A. CHOUIKHI TITLE :MISE AU POINT ET ESSAI DE TECHNIQUES D'ECHANTILLONNAGES ET D'ANALYSE POUR LA SURVEILLANCE DES POLLUANTS DE LA MER	0/ 0/00	NOT SIGNED	99/99/99					
CNC 2. ALG/002-D	WHO S. KRIM TITLE :ETUDES EPIDEMIOLOGIQUES RELATIVES AUX CRITERES DE QUALITE DE L'ENVIRONNEMENT	0/ 0/00	NOT SIGNED	99/99/99					
CNC 3. ALG/003-G	FAO K. BENSALAH TITLE :RECHERCHES SUR LA TOXICITE, LA PERSISTANCE, LA BIOACCUMULATION, LA CANCEROGENICITE ET LA MUTAGENICITE	0/ 0/00	NOT SIGNED	99/99/99					
CNC 4. ALG/004-F	FAO	0/ 0/	0/ 0/	99/99/99					
EXP 5. ALG/004-H	FAO F. AID TITLE :EUTROPHISATION ET FLORAISSONS CONCITANTES DE PLANCTON, DANS LE PORT D'ALGER	1/ 1/83	31/ 8/83	31/12/84					
<u>CYPRUS</u>									
6. CYP/001-J	FAO A. DEMETROPOULOS TITLE :STUDY OF LITTORAL, BENTHIC AND FISH COMMUNITIES IN THE VASILIKOS-MONI AREA IN RELATION TO THE EFFECT ON THESE OF POLLUTION FROM THERMAL EFFLUENTS	1/ 1/83	2/ 4/83	30/ 6/86					
EXP 7. EEC/001-L	IOC P. FRAYSSE TITLE :ETUDE DU TRANSPORT COTIER DE LA POLLUTION	0/ 0/00	NOT SIGNED	0/ 0/00					
<u>EGYPT</u>									
CNC 8. EGY/001-H	FAO H.A. SULTAN TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS	0/ 0/00	NOT SIGNED	99/99/99					
EXP 9. EGY/002-G	S.D. WAHBY TITLE :RESEARCH ON THE TOXICITY, PERSISTANCE, TRANSFER AND ACCUMULATION OF PETROLEUM HYDROCARBONS, MERCURY, CADMIUM AND LEAD IN THE NEARSHORE WATER OFF ALEXANDRIA	0/ 0/00	NOT SIGNED	0/ 0/00					
EXP 10. EGY/003-K	WHO F. EL-SHARKAWI TITLE :BIOGEOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS. SURVIVAL OF PATHOGENS IN THE MEDITERRANEAN	0/ 0/	0/ 0/	0/ 0/					
EXP 11. EGY/004-G	FAO A.H. EL-SEBAE TITLE :ACUTE AND CHRONIC TOXICITY TO MARINE BIOTA OF WIDELY USED DISPERSANTS, PCES, CHLORINATED PESTICIDES AND THEIR COMBINATIONS, AND THEIR COMBINATIONS, AND THEIR BICMAGNIFICATION IN ALEXANDRIA REGION	1/ 9/82	27/12/82	30/ 6/85					
CNC 12. EGY/005-I	FAO Y. HALIM TITLE :POLLUTION INDUCED ECOSYSTEM MODIFICATIONS	0/ 0/00	NOT SIGNED	99/99/99					

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
CNC 13. EGY/006-A	PAO I. H. ELSOKARY TITLE : DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS	0/ 0/00	NOT SIGNED	99/99/99					
14. EGY/007-K	PAO I. H. ELSOKARY TITLE : BIOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS	1/9/83	1/12/83	30/ 6/86					
EXP 15. EGY/008-L	IOC M. P. MACKLAD TITLE : POLLUTANT TRANSFER PROCESSES	0/ 0/00	NOT SIGNED	0/ 0/00					
CNC 16. EGY/009-A	PAO M. P. MACKLAD TITLE : DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF MARINE POLLUTANTS	0/ 0/00	NOT SIGNED	99/99/99					
EXP 17. EGY/010-C	WHO F. EL-SHARKAWI TITLE : FORMULATION OF SCIENTIFIC RATIONALE FOR MEDITERRANEAN ENVIRONMENTAL QUALITY CRITERIA	0/ 0/	0/ 0/	0/ 0/					
EXP 18. EGY/011-E	WHO F. EL-SHARKAWI TITLE : DEVELOPMENT OF PROPOSALS FOR GUIDELINES AND CRITERIA GOVERNING THE APPLICATION OF THE LAND-BASED SOURCES PROTOCOL	0/ 0/	0/ 0/	0/ 0/					
EXP 19. FRA/001-G	PAO KAIM-HALKA R.A. TITLE : RECHERCHES SUR LA TOXICITE, LA PERSISTANCE, LA BIOACCUMULATION, LA CARCINOGENICITE ET LA MUTAGENICITE	1/ 6/83	13/ 6/83	31/ 5/85					
<u>FRANCE</u>									
CNC 20. FRA/002-I	PAO D. BELLAN-SANTINI TITLE : MODIFICATIONS DANS LES ECOSYSTEMES BENTHIQUES DE SUBSTRATS DURS ET DEMI-DURS	0/ 0/	0/ 0/	99/99/99					
EXP 21. FRA/003-I	PAO STORA G. TITLE : ELABORATION DE CRITERES FONDAMENTAUX POUR LA SURVEILLANCE BIOLOGIQUE A LONG TERME DE LA POLLUTION	1/ 6/83	13/ 6/83	31/ 5/85					
EXP 22. FRA/004-L	IOC A. ARMOUX TITLE : SEDIMENTATION ET EVOLUTION DES DEPOTS DANS UNE ZONE LITTORALE INDUSTRIELLE	0/ 0/	0/ 0/	0/ 0/					
EXP 23. FRA/005-L	WHO P. BUAT-WENARD TITLE : AIR/SEA AND WATER COLUMN METALLIC POLLUTANT TRANSFER IN THE MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/					
24. FRA/006-K	PAO VICENTE N. TITLE : CONTROLE DES METAUX LOURDS DANS LES ECOSYSTEMES LITTORAUX ET LES CHAINES ALIMENTAIRES MARINES	1/10/82	3/ 1/83	30/ 6/86					
EXP 25. FRA/007-L	IOC A. MONACO TITLE : ROLE DES COUCHES NEPHELOIDES ET DES COLLOIDES ORGANIQUES DANS LE TRANSPORT DES METAUX LOURDS (PB, CD, CU, 2N) DU MILIEU ESTUARIN AU MILIEU MARIN. EXEMPLE DU RHONE	0/ 0/	0/ 0/	0/ 0/					
EXP 26. FRA/008-G	PAO AUBERT M. TITLE : ETUDE DE LA TOXICITE DE COMPOSES SILICONES EN MILIEU MARIN	1/ 7/84	4/ 6/84	30/ 6/85					

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT			
					FOR 1983	FOR 1984	FOR 1985	FOR 1986
EXP 27. FRA/009-D	FAO ALZIEU C. TITLE :EVALUATION DES TENEURS EN MERCURE, METHYLMERCURE ET SELENIUM DANS LES POISSONS ET COQUILLAGES DES COTES FRANCAISES DE LA MEDITERRANEE	1/ 7/84	13/11/84	30/6/85				
EXP 28. FRA/010-A	WHO P. BERNARD TITLE :REVIVIFICATION DE GERMES FECAUX INDICATEURS DE POLLUTION MARINE. NUMERATIONS PAR FILTRATION SUR MEMBRANES DES EAUX MARINES A VOCATION BALNEAIRE	0/ 0/	0/ 0/	0/ 0/				
EXP 29. FRA/011-Z	UNES J. GOY TITLE :MODELISATION DES FLORAISONS DE MEDUSES DANS UNE ZONE D'EUTROPHISATION EN MER LIGURE	0/ 0/	0/ 0/	0/ 0/				
EXP 30. FRA/012-2	UNEP P. BERNARD TITLE :SURVEILLANCE DES PROLIFERATIONS DE MEDUSES URTICANTES DURANT LA PERIODE ESTIVALE 1985 SUR LE LITTORAL DE LA REGION PROVENCE-ALPES-COTE D'AZUR (FRANCE)	0/ 0/	0/ 0/	0/ 0/				
CNC 31. FRA/013-A	FAO D. COSSA TITLE :PERFORMANCES ANALYTIQUES DE LA METHODE DE DOSAGE DE L'ARSENIC TOTAL DANS LES TISSUS BIOLOGIQUES PROPOSEE PAS LE PROGRAMME "ENVIRONNEMENT" DES NATIONS UNIES	0/ 0/00	0/ 0/	99/99/99				
EXP 32. FRA/013-Z	UNEP P. BERNARD TITLE :UTILISATION DE LA METHODE DE FILTRATIONS PAR MEMBRANES POUR LA RECHERCHE DE DIVERS CANDIDA DANS LE SABLE DES ZONES MARINES A VOCATION BALNEAIRE	0/ 0/	0/ 0/	0/ 0/				
EXP 33. FRA/014-A	WHO P. BERNARD TITLE :UTILISATION DE LA METHODE DE FILTRATIONS PAR MEMBRANES POUR LA RECHERCHE DE DIVERS CANDIDA DANS LE SABLE DES ZONES MARINES A VOCATION BALNEAIRE	0/ 0/	0/ 0/	0/ 0/				
<u>GREECE</u>								
EXP 34. GRE/001-F	IOC J. GANOULIS TITLE :DEVELOPMENT OF MATHEMATICAL MODELS FOR HORIZONTAL TRANSPORT OF POLLUTANTS IN COASTAL AREAS OF THE MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 35. GRE/002-G	FAO MORAITOU-APOSTOLOPOULOU M. TITLE :STUDIES ON TOXICITY OF OIL, OIL DISPERSANTS, AND OIL/DISPERSANT MIXTURES ON VARIOUS MARINE ORGANISMS AS WELL AS THE COMBINED EFFECTS OF DISPERSANTS AND SOME HEAVY METALS	1/ 1/83	17/ 3/83	30/ 6/85				
CNC 36. GRE/003-I	FAO A.J. ZARKANELIAS TITLE :STRUCTURAL AND PHYSIOLOGICAL CHANGES IN BENTHIC COMMUNITIES AS A MEASURE OF THE STATE OF POLLUTION IN MARINE ENVIRONMENTS	0/ 0/	0/ 0/	99/99/99				
EXP 37. GRE/004-L	IOC M.J. SCOULIOS TITLE :STUDY OF THE TRANSPORT OF PARTICLES IN GREEK ESTUARIES	0/ 0/	0/ 0/	0/ 0/				
EXP 38. GRE/005-A	WHO G. P. GABRIELIDES TITLE :ANALYSIS OF COPROSTANOL AND ITS USE AS AN INDICATOR OF FAECAL POLLUTION	0/ 0/	0/ 0/	0/ 0/				

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT			
					FOR 1983	FOR 1984	FOR 1985	FOR 1986
EXP 39. GRE/006-F	A. LASCARATOS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : DYNAMICAL STUDY OF SURFACE COLD WATER PATTERNS APPEARING IN THE GULF OF KORINTH							
EXP 40. GRE/007-G	CASTRITSI-CATHARIOS J.	20/ 6/83	8/ 2/84	30/ 6/85				
	TITLE : L'INFLUENCE TOXIQUE DES DISPERSANTS							
EXP 41. GRE/008-D	J.A. PAPADAKIS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : EVALUATION OF HEALTH RISK AT DIFFERENT BACTERIOLOGICAL GRADING OF SEA WATER. RELATION BETWEEN DENSITIES OF INDICATOR ORGANISMS AND MICROBIAL PATHOGENS IN SEA-WATER							
EXP 42. GRE/009-D	V. KRIBELIS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : RESEARCH OF ENTERIC VIRUSES IN AQUATIC ENVIRONMENTS (SEWAGE EFFLUENTS, COASTAL SEA-WATERS, FRESH WATERS)							
EXP 43. GRE/010-F	M. BONAZUNTAS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : MODELLING POLLUTANT CIRCULATION IN COASTAL WATERS							
EXP 44. GRE/011-2	P. VLACHOS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : EPIDEMIOLOGY AND THERAPEUTIC METHODS OF JELLYFISH. POISONING IN GREECE							
EXP 45. GRE/012-2	S.K. MASTRONICOLIS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : ISOLATION AND IDENTIFICATION OF NEW MOLECULES PHOSPHOLIPIDS IN JELLYFISH							
EXP 46. GRE/013-D	J.A. PAPADAKIS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : INVESTIGATION FOR NEUROTOXINS IN SHELLFISH OF ELEFSIS AND SARONICOS GULFS							
47. GRE/014-I	CASTRITSI-CATHARIOS J.	1/ 7/84	21/ 1/85	30/ 6/86				
	TITLE : ETUDE COMPARATIVE DES MODIFICATIONS DES ECOSYSTEMES DES EAUX COTIERES DU GOLFE ET DU PORT DE PATRAS SOUTHAISE A L'INFLUENCE DES POLLUANTS							
CNC 48. GRE/015-G	M. MORAITOU-APOSTOLOPOULOU	0/ 0/	0/ 0/	99/99/99				
	TITLE : INFLUENCE OF DIFFERENT PHYSICO-CHEMICAL FACTORS ON THE TOXICITY OF A) CRUDE OIL, B) OIL DISPENSANT, C) OIL/OIL DISPENSANT MIXTURE TO ARTEMIA SALINA AND OTHER MARINE ORGANISMS							
EXP 49. GRE/016-F	A. LASCARATOS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : DYNAMICAL STUDY OF SURFACE COLD WATER PATTERNS APPEARING IN THE GULF OF KORINTH							
50. GRE/017-I	NICOLAIDOU A.	1/ 7/84	21/ 1/85	30/ 6/86				
	TITLE : EFFECTS OF POLLUTION ON THE DISTRIBUTION OF MOLLUSCS IN MESSOLONGHI LAGOON AND ADJACENT AREAS							
EXP 51. GRE/018-I	M. BONAZUNTAS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : MEDITERRANEAN WATER POLLUTION FROM PINIOS RIVER							
EXP 52. GRE/019-I	G. FERENTINOS	0/ 0/	0/ 0/	0/ 0/				
	TITLE : RIVER PLUME DISPERSION INTO COASTAL WATERS							

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
EXP 53. GRE/020-L IABA	S. VARNAVAS	0/ 0/	0/ 0/	0/ 0/					
TITLE	DISPERSION AND TRANSPORT PROCESSES OF HEAVY METALS IN A CHROMITE WATER DUMPING SITE IN A SEMI-ENCLOSED ENHAYMENT OF LOW CURRENT AND WAVE ENERGY								
EXP 54. GRE/021-2 UNEP	J. GANOUJIS	0/ 0/	0/ 0/	0/ 0/					
TITLE	HYDRODYNAMIC STUDY OF THE COASTAL TRANSPORT OF JELLYFISH								
55. GRE/022-K FAO	CATSIMI A.V.	1/ 7/84	18/12/84	30/ 6/86					
TITLE	BIOACCUMULATION DU MERCURE ET D'AUTRES METAUX DANS L'ECOSYSTEME MARIN								
56. GRE/023-1 FAO	PANAYOTIDIS P.	1/ 7/84	18/12/84	30/ 6/86					
TITLE	ETUDE DE L'IMPACT DE LA POLLUTION SUR LES HERBIERS DE POSIDONIA OCEANICA DANS LE GOLFE SARONIKOS (MER EGEE, GRECE)								
EXP 57. GRE/024-2 UNEP	E. PARATHANASSIOU	0/ 0/	0/ 0/	0/ 0/					
TITLE	STUDIES ON THE ECOLOGY AND BIOLOGY OF JELLYFISH IN GREECE								
EXP 58. GRE/025-2 UNEP	J. CASTRITSI-CATHARIOS	0/ 0/	0/ 0/	0/ 0/					
TITLE	DISTRIBUTION QUANTITATIVE ET QUALITATIVE DES MEDUSES COMMUNES DANS LES ZONES PROCHES DE LA COTE DES ILES: HYDRA, POROS ET AUSSI AU N.E. DU GOLFE DE KORINTHE								
59. GRE/026-G FAO	HARITOS A.	1/ 7/84	21/ 1/85	30/ 6/86					
TITLE	STUDY OF THE RESPONSES OF MARINE ORGANISMS TO POLLUTANTS AT THE LEVEL OF FUNCTIONAL PROTEINS								
EXP 60. GRE/027-2 UNEP	A. DAVAKIS	0/ 0/	0/ 0/	0/ 0/					
TITLE	DATA COLLECTION/DISSEMINATION AND SUPPORT OF RESEARCH ON THE MEDUSA IN THE MEDITERRANEAN								
CNC 61. GRE/028-2 UNEP	A.P. GRIMANIS	0/ 0/	0/ 0/	99/99/99					
TITLE	USE OF ISOTOPES TO IDENTIFY THE FOOD SOURCES OF JELLYFISH BLOOMS: NATURAL ECOSYSTEMS OR SEWAGE EFFLUENTS								
EXP 62. GRE/029-D WHO	S. NAKOU	0/ 0/	0/ 0/	0/ 0/					
TITLE	HAIR SAMPLING IN HIGH RISK GREEK POPULATIONS								
EXP 63. GRE/030-D WHO	A. TRICHOPOULOU	0/ 0/	0/ 0/	0/ 0/					
TITLE	PILOT DIETARY SURVEY OF HIGH RISK POPULATION GROUPS								
64. GRE/031-G FAO	S.E. PAPOUTSOGLOU	1/ 7/85	17/ 9/85	30/ 6/86					
TITLE	EFFECT OF CADMIUM AND OTHER POLLUTANTS ON THE SURVIVAL, GROWTH RATE AND REPRODUCTION OF COMMERCIALY CULTURED MARINE AND BRACKISH WATER FISH OF THE MEDITERRANEAN								
65. GRE/032-G FAO	A.A. HARITOS	1/ 7/85	0/ 0/	30/ 6/86					
TITLE	STUDY OF THE EFFECT OF HEAVY METALS ON POLYPEPTIDES IN FISH AND CRUSTACEAN SPECIES BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY								
CNC 66. GRE/033-G FAO	J. CASTRITSI-CATHARIOS	0/ 0/	0/ 0/	99/99/99					
TITLE	STUDY OF THE ANTIPOILING PAINTS TOXIC ACTION. CHECK OF THE AFFORDED EFFECTIVE PROTECTION IN RELATION TO THE MAIN POLLUTING ORGANISMS								

CODE NO INVESTIGATOR'S NAME DATE OF COMMENCEMENT DATE OF SIGNATURE DATE OF EXPIRATION AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT FOR FOR FOR FOR FOR 1983 1984 1985 1986 1987

ISRAEL

EXP 67. ISR/001-L	IOC	A. GOLIK	0/ 0/	0/ 0/	0/ 0/														
TITLE :TAR BALLS DISPERSAL AND ACCUMULATION ON THE BEACH AND THEIR RELATION TO WAVE AND CURRENT REGIME																			
CNC 68. ISR/002-A	FAO	B.S. KRUMGALZ	0/ 0/	0/ 0/	99/99/99														
TITLE :DEVELOPMENT OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF TOTAL MERCURY CONTENT IN MARINE ORGANISMS AND SEDIMENTS																			
EXP 69. ISR/003-K	WHO	B. CAVARI	0/ 0/	0/ 0/	0/ 0/														
TITLE :EFFECT OF POLLUTION ON MICROBIAL COMMUNITIES IN THE EASTERN MEDITERRANEAN SEA.																			
CNC 70. ISR/004-K	FAO	B.S. KRUMGALZ	0/ 0/	0/ 0/	99/99/99														
TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY IN A POLLUTED AREA																			
CNC 71. ISR/005-A	FAO	B.S. KRUMGALZ	0/ 0/	0/ 0/	99/99/99														
TITLE :DEVELOPMENT OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF CADMIUM IN MARINE ORGANISMS																			
EXP 72. ISR/006-D	WHO	B. FATTAL	0/ 0/	0/ 0/	0/ 0/														
TITLE :EPIDEMIOLOGICAL STUDY ON THE RELATIONSHIP BETWEEN THE MICROBIAL QUALITY OF COASTAL SEA-WATER AND THE HEALTH OF SWIMMERS																			
EXP 73. ISR/007-G	FAO	NEVO E.	1/ 9/82	26/12/82	31/12/84														
TITLE :THE GENETIC STRUCTURE OF MARINE ORGANISMS AS A DETECTOR AND MONITOR OF MARINE POLLUTION																			
EXP 74. ISR/008-D	WHO	Y. YOSHEP-PURER	0/ 0/	0/ 0/	0/ 0/														
TITLE :STUDIES ON THE OCCURRENCE OF STAPHYLOCOCCUS AUREUS AND PSEUDOMONAS AERUGINOSA IN COASTAL WATER IN ISRAEL																			
EXP 75. ISR/009-G	FAO	NEVO E.	1/ 7/84	20/ 9/84	30/ 6/86														
TITLE :COMPLEX POLLUTION EFFECTS OF TWO HEAVY METALS (MERCURY AND CADMIUM) ON THE GENETIC STRUCTURE OF MARINE ORGANISMS																			
EXP 76. ISR/010-G	FAO	KRUMGALZ B.	1/ 7/84	3/12/84	30/ 6/86														
TITLE :BIOACCUMULATION OF MERCURY AND ITS DISTRIBUTION IN VARIOUS ORGANS OF SOME SHORE FISHES OFF THE MEDITERRANEAN SEA COAST																			
EXP 77. ISR/011-K	FAO	KRUMGALZ B.	1/ 7/85	22/ 7/85	30/ 6/86														
TITLE :SOME ASPECTS OF THE BIOGEOCHEMICAL CYCLE OF MERCURY IN A POLLUTED AREA OFF THE ISRAEL MEDITERRANEAN COAST																			
EXP 78. ISR/012-A	IOC	A. GOLIK	0/ 0/	0/ 0/	0/ 0/														
TITLE :QUANTITATIVE ESTIMATION OF BEACH TAR BALLS BY REMOTE SENSING																			
EXP 79. ISR/013-A	WHO	Y. YONA YOSHEP-PURER	0/ 0/	0/ 0/	0/ 0/														
TITLE :IS KF-STREPTOCOCCUS AGAR THE MOST SUITABLE MEDIUM FOR ENUMERATION OF FAECAL STREPTOCOCCI IN MARINE WATER?																			
EXP 80. ISR/014-A	WHO	A. MATES	0/ 0/	0/ 0/	0/ 0/														
TITLE :DETERMINATION OF E. COLI. FROM FAECAL COLIFORMS IN SEA-WATER, BY THE MEMBRANE FILTRATION CULTURE METHOD																			

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
81. ISR/015-G	FAO Y. ACHITUV TITLE :THE INFLUENCE OF POLLUTION BY HEAVY METALS ON VARIOUS PHYSIOLOGICAL ASPECTS AND ENERGY BUDGET OF DONAX TRUNCULUS (BIVALVIA), NASSARIUS CIRCUMCINCTA AND N. GIBBOLosa (GASTROPODS)	1/ 7/85	17/ 9/85	30/6/86					
EXP 82. ISR/016-D	WHO B. FATAL TITLE :EPIDEMIOLOGICAL STUDY OF MORBIDITY AND VIRAL ANTIBODIES AMONG BATHERS EXPOSED TO VARYING LEVELS OF MICROBIAL POLLUTION OF SEA-WATER	0/ 0/	0/ 0/	0/ 0/					
EXP 83. ISR/045-2		0/ 0/	0/ 0/	0/ 0/					
<u>ITALY</u>									
CNC 84. ITA/001-K	FAO M. BERNHARD TITLE :MODELLING OF THE BIOGEOCHEMICAL CYCLE OF MERCURY IN THE MEDITERRANEAN	0/ 0/	0/ 0/	99/99/99					
EXP 85. ITA/002-F	IOC M. ASTRALDI TITLE :DYNAMIC CONDITION IN THE EASTERN LIGURIAN SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 86. ITA/003-L	IAEA O. HIEVE MERLIN TITLE :TEKTURAL AND MINERALOGICAL CHARACTERS AND ROLE IN THE POLLUTION PROCESSES OF BOTTOM SEDIMENTS IN THE NORTHERN ADRIATIC SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 87. ITA/004-L	WHO L. SANTOMAURO TITLE :DYNAMIC CLIMATOLOGY AND MODELLING OF LONG RANGE TRANSPORT OF AIR POLLUTION OVER MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 88. ITA/005-F	IOC F. STRAVISI TITLE :COASTAL DYNAMIC PROCESSEA AND SURFACE TRANSPORT IN THE GULF OF TRIESTE (NORTHERN ADRIATIC) - "DIGUTS"	0/ 0/	0/ 0/	0/ 0/					
EXP 89. ITA/006-G	WHO S. DE FLORA TITLE :MUTAGENICITY, GENOTOXICITY INTERACTIONS AND METABOLISM OF CHEMICA COMPOUNDS IN THE MARINE ENVIRONMENT AND IN MARINE ORGANISMS	0/ 0/	0/ 0/	0/ 0/					
CNC 90. ITA/007-I	FAO G. ZUBLINI TITLE :DATA COLLECTION, APPLICATION AND DEVELOPMENT OF METHODS FOR THE ASSESSMENT OF MODIFICATIONS IN BENTHIC ECOSYSTEMS	0/ 0/	0/ 0/	99/99/99					
91. ITA/008-I	FAO SARA M. TITLE :EVALUATION OF THE CONDITIONS OF SOME POSIDONIA MEADOWS IN THE NORTH-WESTERN MEDITERRANEAN SEA AND EVENTUAL EFFECTS OF POLLUTANTS ON THE ASSOCIATED FAUNA	1/ 1/83	25/ 1/83	30/ 6/86					
EXP 92. ITA/009-O	MON R. FERRARA TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY AND LEAD IN THE MEDITERRANEAN AREA	0/ 0/	0/ 0/	0/ 0/					
CNC 93. ITA/010-A	FAO R. CAPELLI TITLE :DEVELOPPEMENT ET MISE AU OINT DE TECHNIQUES D'ECHANTILLONAGE ET DE TECHNIQUES ANALYTIQUES POUR L'ETUDE ET LE DOSAGE DE POLLUANTS EN MILIEU MARIN	0/ 0/	0/ 0/	99/99/99					
EXP 94. ITA/011-O	MON S. KANITZ TITLE :ASSESSMENT OF POLLUTION LOAD REACHING COASTAL SEA-WATERS, SEDIMENTS AND LIVING ORGANISMS FROM LAND SOURCES THROUGH DIRECT MEASUREMENTS	0/ 0/	0/ 0/	0/ 0/					

CODE NO	INVESTIGATOR NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR 1983	AMOUNT FOR 1984	AMOUNT FOR 1985	AMOUNT FOR 1986	AMOUNT FOR 1987
EXP 95. ITA/012-F	IOC P. MALAMOTTE RIZZOLI TITLE :MODELLING OF CIRCULATION PROCESSES IN THE NORTHERN ADRIATIC AND THEIR INFLUENCE ON THE DISTRIBUTION OF POLLUTANTS, CONSIDERED AS PASSIVE SCALARS	0/ 0/	0/ 0/	0/ 0/					
96. ITA/013-J	FAO TARMELLI-RIVOCCHI E. TITLE :EFFECTS OF THERMAL EFFLUENTS ON SEASHORE ORGANISMS AT TORVALDALIGA (CIVITAVECCHIA-ROMA)	1/ 3/83	7/ 9/83	30/ 6/86					
EXP 97. ITA/014-L	IAEA L. TASSI-PELATI TITLE :STUDY ON THE 137 C AND 239 PU FLUXES INTO MEDITERRANEAN MARINE ENVIRONMENT	0/ 0/	0/ 0/	0/ 0/					
CNC 98. ITA/015-G	FAO R. DE SIMONE TITLE :PCB'S HIGH CHLORINATED IN MARINE ENVIRONMENT; A) REVIEW ON EFFECTS B) STUDIES OF PERSISTENCE AND BIOACCUMULATION C) STUDIES OF ACUTE AND CHRONIC TOXICITY ON MICROORGANISMS	0/ 0/	0/ 0/	99/99/99					
EXP 99. ITA/016-L	IOC T. LA NOCE TITLE :STUDY OF FACTORS CONTROLLING THE FATE AND EFFECTS OF SOME POLLUTANTS CARRIED OUT FROM THE TIBER RIVER TO THE SEA	0/ 0/	0/ 0/	0/ 0/					
EXP 0. ITA/017-L	WHO A. PALUMBO TITLE :POLLUTANT TRANSPORT MODELS AT THE AIR-SEA INTERFACE	0/ 0/	0/ 0/	0/ 0/					
EXP 1. ITA/018-A	IOC G.C. PAPPALARDO TITLE :STUDIES AND MONITORING OF TRACE METALS IN MARINE WATERS BY INDUCTIVELY COUPLED PLASMA (ICP) EMISSION SPECTROMETRY	0/ 0/	0/ 0/	0/ 0/					
EXP 2. ITA/019-A	IAEA M. GALLORINI TITLE :NUCLEAR METHODS FOR TRACE ELEMENTS DETERMINATION IN ENVIRONMENTAL RELATED MATRICES	0/ 0/	0/ 0/	0/ 0/					
EXP 3. ITA/020-L	WHO I. DAGNINO TITLE :MONITORING OF THE TRANSPORT OF POLLUTANTS THROUGH THE ATMOSPHERE	0/ 0/	0/ 0/	0/ 0/					
4. ITA/021-G	FAO DALLA VENEZIA I. TITLE :PHYSIOLOGICAL AND BIOCHEMICAL RESPONSE OF MARINE ORGANISMS TO PCB POLLUTION IN A WIDE RANGE OF ENVIRONMENTAL FACTORS	1/12/82	22/ 3/83	30/ 6/86					
EXP 5. ITA/022-I	FAO DI GERONIMO S. TITLE :RELATIONS BETWEEN POLLUTION AND BIOCOENOSES IN THE ROADSTEAD OF AUGUSTA (EASTERN SICILY)	15/ 3/83	9/ 3/83	30/ 6/85					
EXP 6. ITA/023-F	IOC S. CUNSOLO TITLE :VERTICAL TRANSPORT PROCESSES OF MARINE WATER NEAR THE ITALIAN COASTS	0/ 0/	0/ 0/	0/ 0/					
EXP 7. ITA/024-I	FAO COGNETTI G. TITLE :EFFECTS OF POLLUTION ON BENTHOS	1/10/82	31/ 3/83	30/ 6/85					
EXP 8. ITA/025-K	FAO RENZONI A. TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY AND SELENIUM (INCLUDING MARINE RESIDENT AND MIGRATORY BIRDS)	1/12/82	2/ 2/83	30/ 6/85					
EXP 9. ITA/026-I	FAO ALBERTELLI G. TITLE :CONDITIONS ACTUELLES DES BIOCOENOSES BENTHIQUES DU PLATEAU LIGURIEN ET	1/10/82	24/ 3/83	30/ 6/85					

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT
					FOR 1983	FOR 1984	FOR 1985	FOR 1986	FOR 1987
CNC 10. ITA/027-G	FAO V. ALBERGONI	0/ 0/	0/ 0/	0/ 0/	99/99/99				
	TITLE :TOXIC EFFECTS AND METABOLISM OF HEAVY METALS, RELATED ALSO TO MUTAGENIC AND CARCINOGENIC SHORT TERM TESTS, ACCORDING TO THEIR CHEMICAL SPECIES AND TO THE INTERACTIONS WITH ORGANIC POLLUTANTS IN								
EXP 11. ITA/028-G	MBO G. BRONZETTI	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :MUTAGENICITY AND CARCINOGENICITY STUDIES ON MARINE POLLUTANTS								
EXP 12. ITA/029-A	MBO L. VILLA	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :STUDIES ON THE HYGIENIC CONDITIONS OF COASTAL WATERS AND THEIR RELATION TO PUBLIC HEALTH								
EXP 13. ITA/030-G	MBO G.P. DE RENZI	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :RESEARCH INTO THE TOXICITY, PERSISTENCE, BIOACCUMULATION AND MUTAGENICITY OF HYDROCARBONS, DETERGENTS AND HEAVY METALS IN THE SEA								
EXP 14. ITA/031-G	FAO ORUNESU M.	1/12/82	21/ 2/83	30/ 6/85					
	TITLE :ENZYMIC ASPECTS OF THE XENOBIOTIC METABOLIZING SYSTEM IN MYTILUS GALLOPROVINCIALIS LAM.								
EXP 15. ITA/032-L	IAEA R. FRACHE	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :CHEMISTRY AND DYNAMICS IN THE TRANSPORT OF HEAVY METALS IN PARTICULATE MATTER IN LIGURIAN AND TYRRHENIAN SEA								
EXP 16. ITA/033-F	IOC R. SANTANGELO	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :APPROXIMATE MODELS FOR THE NORTHERN ADRIATIC SEA AND EXPERIMENTAL CHECKS OF CURRENTS IN FIXED POINTS								
EXP 17. ITA/034-L	MBO R. CECCHI	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :TRANSFER OF POLLUTANTS FROM THE ATMOSPHERE TO THE NORTHERN ADRIATIC SEA AND TO THE NORTHERN TYRRHENIAN SEA								
EXP 18. ITA/035-L	IOC F. COSTA	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :FLOW OF POLLUTANTS (NUTRIENTS AND HEAVY ELEMENTS) INTO THE LAGOON OF VENICE FROM NATURAL AND AGRICULTURAL RIVERS								
CNC 19. ITA/036-K	FAO A. RENZONI	0/ 0/	0/ 0/	0/ 0/	99/99/99				
	TITLE :BIOCHEMICAL CYCLE OF MERCURY AND SELENIUM (INCLUDING MARINE MIGRATORY BIRDS)								
EXP 20. ITA/037-L	IOC A.A. ORIO	0/ 0/	0/ 0/	0/ 0/	0/ 0/				
	TITLE :TRANSPORT MECHANISMS OF POLLUTANTS AT THE SEDIMENT-WATER INTERFACE								
21. ITA/038-D	FAO CAPELLI R.	1/ 3/84	27/ 7/84	30/ 6/86					
	TITLE :DETERMINATION DU MERCURE TOTAL, DE METHYLMERCURE ET DE SELENIUM DANS LES ORGANISMES MARINS DE CONSUMATION AFIN D'ETUDIER LEUR CORRELATION								
22. ITA/039-G	FAO RENZONI A.	1/ 7/84	2/ 1/85	50/ 6/86					
	TITLE :CONTAMINANTS IN RESIDENT AND MIGRATORY BIRDS IN THE EASTERN MEDITERRANEAN FLYWAY								
CNC 23. ITA/040-G	FAO A. VIARENCO	0/ 0/	0/ 0/	0/ 0/	99/99/99				
	TITLE :EFFECTS OF ORGANIC XENOBIOTIC COMPOUNDS (AROCIOR 1254) ON THE METABOLISM OF THE MUSSEL MYTILUS GALLOPROVINCIALIS LAM.								
EXP 24. ITA/041-L	MBO G. CLERICI	0/ 0/	0/ 0/	0/ 0/	0/ 0/				

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					FOR 1983	FOR 1984	FOR 1985	FOR 1986
EXP 25. ITA/042-2	UNEP L. ROTTINI-SANDRINI TITLE : MONITORAGE DES MEDUSES EN ADRIATIQUE ET DOMMAGE A LA PECHE	0/ 0/	0/ 0/	0/ 0/				
EXP 26. ITA/043-2	UNEP L. ROTTINI-SANDRINI TITLE : ETUDE ECOLOGIQUE EXPERIMENTAL DE PELAGIA NOCTILUCA	0/ 0/	0/ 0/	0/ 0/				
EXP 27. ITA/044-0	UNEP F. STRAVISI TITLE : WATER CIRCULATION AND TRANSPORT IN NE ADRIATIC	0/ 0/	0/ 0/	0/ 0/				
EXP 28. ITA/045-0	UNEP F. STRAVISI TITLE : STUDY ON THE CLIMATIC VARIATIONS IN NORTHERN ADRIATIC DURING THE LAST CENTURY AND THEIR ROLE ON MARINE PHENOMENA "NA CLI"	0/ 0/	0/ 0/	0/ 0/				
EXP 29. ITA/046-2	UNEP R. DELLA LOGGIA TITLE : INDIVIDUATION AND TOXICOLOGICAL EVALUATION OF THE DERMATOTOXIC PRINCIPLES OF PELAGIA NOCTILUCA AND OTHER MEDUSAE	0/ 0/	0/ 0/	0/ 0/				
EXP 30. ITA/047-2	UNEP C. SCARPA TITLE : STUDY ON THE HISTOLOGY AND ON THE LOCAL TREATMENT OF HUMAN SKIN INJURIES FROM JELLYFISH STINGS	0/ 0/	0/ 0/	0/ 0/				
EXP 31. ITA/048-2	UNEP A. CARLI TITLE : SAMPLE-MONITORING OF PELAGIA NOCTILUCA IN THE LIGURIAN SEA; BIOLOGICAL AND ECOLOGICAL ASPECTS	0/ 0/	0/ 0/	0/ 0/				
EXP 32. ITA/049-2	UNEP G. C. PAPPALARDO TITLE : MUTLI-ELEMENT ANALYSIS OF MEDITERRANEAN SEA-WATERS AND ASSESSMENT OF ENVIRONMENTAL QUALITY IN RELATION TO JELLYFISH SWARMINGS, AND STRUCTURE CHARACTERIZATION OF CHEMICAL COMPONENTS OF VENOM PRODUCED BY	0/ 0/	0/ 0/	0/ 0/				
EXP 33. ITA/050-2	UNEP A. SALLEO TITLE : DISCHARGE MECHANISM OF THE NEMATOCYSTS OF PELAGIA NOCTILUCA	0/ 0/	0/ 0/	0/ 0/				
EXP 34. ITA/051-2	UNEP A. LONGINELLI TITLE : STABLE ISOTOPE RESEARCH (18 O/16 O, D/H AND 13 C/12 C) AS A NEW TOOL FOR STUDYING THE RELATIONSHIPS BETWEEN SOME ENVIRONMENTAL PARAMETERS AND THE BEHAVIOUR OF JELLYFISH	0/ 0/	0/ 0/	0/ 0/				
EXP 35. ITA/052-D	FAO A. RENZONI TITLE : EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS; SEAFOOD ANALYSES	1/ 7/85	0/ 0/	30/ 6/86				
EXP 36. ITA/053-D	WHO A. RENZONI TITLE : EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS; SAMPLING OF HUMAN HAIR	0/ 0/	0/ 0/	0/ 0/				
EXP 37. ITA/054-D	WHO A. RENZONI TITLE : EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS; DIETARY SURVEY	0/ 0/	0/ 0/	0/ 0/				
EXP 38. ITA/055-2	UNEP F. BOERO TITLE : PROJECT ON JELLYFISH ON THE MEDITERRANEAN SEA	0/ 0/	0/ 0/	0/ 0/				
EXP 39. ITA/056-1	IOC G. FIERRO TITLE : SEDIMENT AND PARTICULATE MATTER STUDIES IN THE LIGURIAN SEA; MECHANISM OF INTERACTION WITH POLLUTANT MATTER	0/ 0/	0/ 0/	0/ 0/				

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT				
					FOR 1983	FOR 1984	FOR 1985	FOR 1986	FOR 1987
40. ITA/057-A	FAO V.U. FOSSATO	1/ 1/86	0/ 0/	31/12/86					
	TITLE : TESTING OF THE METHOD OF ANALYSIS OF DDTs AND PCBs IN MARINE ORGANISMS								
EXP 41. ITA/058-2	UNEP L. SCALERA LIACI	0/ 0/	0/ 0/	0/ 0/					
	TITLE : JELLYFISH IN THE MEDITERRANEAN SEA								
EXP 42. LEB/001-1	FAO LAKKIS S.	1/ 4/83	11/ 5/83	30/ 6/85					
	TITLE : MODIFICATIONS DES ECOSYSTEMES PAR LA POLLUTION								
EXP 43. LEB/002-1	FAO N. M. KHARALLAH	1/ 1/86	0/ 0/	0/ 0/					
	TITLE : POLLUTION-INDUCED ECOSYSTEMS MODIFICATIONS								
<u>MALTA</u>									
EXP 44. MAL/001-G	FAO AXIAK V.	1/11/82	22/12/82	30/ 6/85					
	TITLE : RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS								
CNC 45. MAL/002-G	FAO V. AXIAK	0/ 0/	0/ 0/	99/99/99					
	TITLE : RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS								
EXP 46. MAL/003-2	UNEP V. AXIAK	0/ 0/	0/ 0/	0/ 0/					
	TITLE : MONITORING OF JELLYFISH SWARMINGS IN THE COASTAL WATERS OF MALTA								
<u>MONACO</u>									
EXP 47. MON/001-F	IOC R. VAISSIERE	0/ 0/	0/ 0/	0/ 0/					
	TITLE : ETUDE DE LA CIRCULATION SUPERFICIELLE LITTORALE DE LA COTE D'AZUR (AIRE DE MONACO) ET DE SES RELATIONS AVEC LA CIRCULATION GENERALE EN MER LIGURE								
CNC 48. MON/002-I	FAO R. VAISSIERE	0/ 0/	0/ 0/	99/99/99					
	TITLE : MODIFICATION DES CONDITIONS ECOLOGIQUES DANS UN SYSTEME COTIER SEMI-FERME, SOUMIS AUX EFFETS DE L'ACTIVITE HUMAINE								
EXP 49. MON/003-O	MON R. VAISSIERE	0/ 0/	0/ 0/	0/ 0/					
	TITLE : ETUDE DE LA CONCENTRATION EN METAUX LOURDS (PB ET CD) AU NIVEAU DES ORGANES D'UN CRUSTACE BENTHIQUE DE L'ETAGE BATHYAL (CALOCARIS MACANDREA)								
EXP 50. MON/004-L	IOC R. VAISSIERE	0/ 0/	0/ 0/	0/ 0/					
	TITLE : EVALUATION DES ETUDES EN COURS SUR LES FLUX A TRAVERS LES DETROITS ET LES SEUILS SEPARANT LES DIFFERENTS BASSINS DE LA MEDITERRANEE (ETUDE BIBLIOGRAPHIQUE)								
<u>MOROCCO</u>									
EXP 51. MOR/001-L	WHO M. NEJJAR	0/ 0/	0/ 0/	0/ 0/					
	TITLE : CONTRIBUTION A L'ETUDE DES MECANISMES DE TRANSPORT ET DU FLUX DE POLLUANTS A TRAVERS L'INTERFACE AIR/MER								
CNC 52. MOR/002-G	FAO M. KESSABI	0/ 0/	0/ 0/	99/99/99					
	TITLE : RECHERCHE SUR LA TOXICITE, LA PERSISTANCE, LA BIOACCUMULATION, LA CARCINOGENICITE ET LA MUTAGENICITE								

EXP 53.	MOR/003-L	WHO	M. NAJJAR	0/ 0/	0/ 0/	0/ 0/	0/ 0/											
	TITLE :CONTRIBUTION A L'ETUDE DES MECANISMES DE TRANSFERTS DU POINT DE VUE HYDRODYNAMIQUE ET DE POLLUTION																	
SPAIN																		
CNC 54.	SPA/001-A	FAO	M. GASSIOT-MATAS	0/ 0/	0/ 0/	99/99/99												
	TITLE :ANALISI DE DDT'S EN MEJILLONES, ESTUDIO METODOLOGICO Y ANALISIS DE MUESTRAS DEL DELTA DEL EBRO Y DE BATERAS PARA EL CONSUMO HUMANO																	
EXP 55.	SPA/002-A	WHO	F. LUCENA-GUTIERREZ	0/ 0/	0/ 0/	0/ 0/												
	TITLE :FLUCTUATIONS DE LA POLLUTION BACTERIENNE D'ORIGINE FECALE LE LONG DU LITTORAL DE BADALONA																	
EXP 56.	SPA/003-D	WHO	J. IZQUIERDO	0/ 0/	0/ 0/	0/ 0/												
	TITLE :ETUDE DE L'INCIDENCE DE CHAMPIGNONS SUR UNE PLAGE POLLUEE ET LEUR IMPORTANCE RELATIVEMENT A LA SANTE																	
EXP 57.	SPA/004-A	WHO	F. LUCENA-GUTIERREZ	0/ 0/	0/ 0/	0/ 0/												
	TITLE :DIFERENCIAS DE EFICACIA EN LA RECUPERACION DE ESTREPTOCOCOS FECALES EN LAS TEMPERATURAS DE INCUBACION DE 37N Y 44N C																	
CNC 58.	SPA/005-A	FAO	J. OBIOLS SALVAT	0/ 0/	0/ 0/	99/99/99												
	TITLE :PUESTA A PUNTO DE LA DETERMINACION DE TRAZAS DE SELENIO, ARSENICO, PLOMO CADMIO Y MERCURIO ORGANICO, EN SEDIMENTOS, AGUA Y ORGANISMOS																	
EXP 59.	SPA/006-K	WHO	P. ROMERO RAYA	0/ 0/	0/ 0/	0/ 0/												
	TITLE :SURVIVAL OF PATHOGENIC MICROORGANISMS IN SEA-WATER																	
EXP 60.	SPA/007-Z	UNEP	C. BAS	0/ 0/	0/ 0/	0/ 0/												
	TITLE :DISTRIBUTION AND ABUNDANCE OF JELLYFISH IN THE CATALAN COAST																	
EXP 61.	SPA/008-L	WHO	A. CRUZADO	0/ 0/	0/ 0/	0/ 0/												
	TITLE :STUDY OF LONG AND MEDIUM RANGE ATMOSPHEIRC POLLUTANT TRANSPORT INTO THE NORTHWEST MEDITERRANEAN SEA																	
EXP 62.	SPA/009-C	WHO	A. CRUZADO	0/ 0/	0/ 0/	0/ 0/												
	TITLE :STUDY OF THE BIOGEOCHEMICAL PROCESSES CONTROLLING THE WASTE RECEIVING CAPACITY OF SOME COASTAL AREAS OF CATALONIA																	
EXP 63.	SPA/010-A	IAEA	M. GASSIOT MATAS	0/ 0/	0/ 0/	0/ 0/												
	TITLE :STUDY OF ORGANOCHLORINATED POLLUTANTS TRANSFER THROUGH THE MARINE INTERFACE																	
EXP 64.	SPA/011-L	WHO	M. G. MARINO	0/ 0/	0/ 0/	0/ 0/												
	TITLE :STUDY OF THE ROUTES AND BIOMAGNIFICATION PROCESSES AFFECTING AIRBORNE POLLUTANTS ENTERING THE MEDITERRANEAN IN THE VICINITY OF CATAGENA INDUSTRIAL AREA (SPAIN)																	
CNC 65.	SPA/012-A	FAO	J. MEDINA ESCRICHE	0/ 0/	0/ 0/	99/99/99												
	TITLE :NEW CONTRIBUTIONS TO THE ANALYTICAL METHODOLOGY IN THE DETERMINATION OF HEAVY METALS AND PESTICIDES IN MARINE ORGANISMS, SEDIMENTS AND WASTEWATERS																	
EXP 66.	SPA/013-G	FAO	J. MEDINA ESCRICHE	1/ 7/85	5/ 9/85	30/ 6/86												
	TITLE :STUDY OF THE TOXICITY, BIOACCUMULATION AND PERSISTENCE OF SOME HEAVY																	

67. SPA/014-A	PAO	J. OBIOLS SALVAT	1/ 7/85	17/ 9/85	30/ 6/86				
TITLE :STUDIES ON METHODOLOGY FOR DETERMINATION OF TOTAL ARSENIC IN ELECTED MARINE ORGANISMS									
EXP 68. SPA/015-L	WHO	J. OBIOLS SALVAT	0/ 0/	0/ 0/	0/ 0/				
TITLE :SPECIATION OF HEAVY METALS IN THEIR ATMOSPHERIC FLUX FROM LAND TO OCCIDENTAL MEDITERRANEAN SEA									
EXP 69. SPA/016-L	IOC	J. ALBAIGES RIERA	0/ 0/	0/ 0/	0/ 0/				
TITLE :TRANSPORT AND FATE OF WASTEWATER DISCHARGES OF THE CITY OF BARCELONA AND ADJACENT RIVERS (BESOS AND LLOBREGAT) INTO THE COASTAL WATER									
EXP 70. SPA/017-A	WHO	J. JOFRE TORRELLA	0/ 0/	0/ 0/	0/ 0/				
TITLE :BACTERIOPHAGES OF BACTERIOIDES AS INDICATORS OF PATHOGENIC HUMAN VIRUSES IN COASTAL SEA-WATERS									
<u>TUNISIA</u>									
CNC 71. TUN/001-I	PAO	C. CAPAPE	0/ 0/	0/ 0/	99/99/99				
TITLE :MODIFICATION DES ECOSYSTEMES PAR LA POLLUTION									
EXP 72. TUN/002-A	WHO	A. CHADLI	0/ 0/	0/ 0/	0/ 0/				
TITLE :ETUDES COMPARATIVES SUR LES INDICATEURS DE LA POLLUTION FECALE DES EAUX DE BAINNADE									
EXP 73. TUN/003-K	WHO	S. JEKOV	0/ 0/	0/ 0/	0/ 0/				
TITLE :SURVIE DES ENTERO-BACTERIES PATHOGENES, DES VIBRIONS ET DES GERMES MARQUEURS DE POLLUTION FECALE EN RELATION AVEC CERTAINS FACTEURS PHYSICO-CHIMIQUES DU MILIEU MARIN									
EXP 74. TUN/004-H	PAO	HADI ALI M.	1/ 1/83	28/ 3/83	30/ 6/85				
TITLE :EUTROPHISATION ET FLORAISSONS CONCOMITANTES DE FLANCTON									
<u>TURKEY</u>									
EXP 75. TUR/001-F	IOC	U. UNLUATA	0/ 0/	0/ 0/	0/ 0/				
TITLE :OCANOGRAPHIC PROCESSES IN THE NORTHEASTERN LEVANTINE COASTAL WATERS									
EXP 76. TUR/002-F	IOC	E. OZSOY	0/ 0/	0/ 0/	0/ 0/				
TITLE :POLLUTANT TRANSPORT PROCESSES AT COXSU, SEYHAN AND CEYHAN RIVER MOUTHS									
EXP 77. TUR/003-K	PAO	SALIHOGLU I.	1/10/82	9/ 2/83	30/ 6/85				
TITLE :BIOGEOCHEMICAL CYCLE OF MERCURY IN THE NORTH-EASTERN MEDITERRANEAN (SOUTHERN COAST OF TURKEY)									
EXP 78. TUR/004-A	IAEA	I. SALIHOGLU	0/ 0/	0/ 0/	0/ 0/				
TITLE :DEVELOPMENT AND TESTING OF SAMPLING AND ANALYTICAL TECHNIQUES FOR MONITORING OF POLYCHLOROTERPENES AND CHLORDANE									
79. TUR/005-G	PAO	BAGCI H.	1/ 1/83	24/ 2/83	30/ 6/86				
TITLE :DESIGN AND DEVELOPMENT OF BIO-TEST METHODS THAT WILL BE USED TO ASSAY THE POLLUTANTS LISTED IN THE ANNEXES OF THE PROTOCOLS WITH RESPECT TO THEIR TOXICITY, RESIDUAL EFFECTS, BIO-DEGRADABILITY, MUTAGENICITY AND									
CNC 80. TUR/006-K	PAO	H. UYSAL	0/ 0/	0/ 0/	99/99/99				
TITLE :BIOCHEMICAL CYCLES OF SPECIFIC POLLUTANTS. (STUDIES ON SOME HEAVY METALS (SPECIALLY MERCURY, CADMIUM AND LEAD) CONCENTRATION OF SOME									

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					FOR 1983	FOR 1984	FOR 1985	FOR 1986	FOR 1987
EXP 81. TUR/007-1	FAO KOÇATAS A. TITLE :THE EFFECTS OF POLLUTION ON THE BENTHIC AND PELAGIC ECOSYSTEMS IN THE BAY OF IZMIR	1/12/82	20/ 1/83	30/ 6/85					
EXP 82. TUR/008-H	FAO IZDAR B. TITLE :ELEMENTAL TRANSFER PROCESS AND EUTROPHICATION IN BUYUK MENDERES DELTA (GREAT MEANDER DELTA) AND THEIR OFFSHORE DISTRIBUTION, EASTERN AEGEAN-TURKEY	15/ 2/83	11/ 5/83	30/ 6/85					
EXP 83. TUR/009-K	FAO IZDAR B. TITLE :POLLUTANT TRANSFER PROCESS AND BIOGEOCHEMICAL CYCLE OF SPECIFIC POLLUTANTS AT THE SELECTED LOCATION OF CANDARLI GULF, TURKEY	15/ 2/83	11/ 5/83	30/ 6/85					
EXP 84. TUR/010-L	WMO C. SAYDAM TITLE :MONITORING OF ATMOSPHERIC TRACE METAL TRANSPORTED TO THE EASTERN MEDITERRANEAN	0/ 0/	0/ 0/	0/ 0/					
CNC 85. TUR/011-A	FAO M. UNSAL TITLE :INVESTIGATION OF SELENIUM-MERCURY INTERACTION AND PROTECTIVE EFFECT OF SELENIUM AGAINST MERCURY TOXICITY IN MARINE FOOD CHAIN ORGANISMS	0/ 0/	0/ 0/	99/99/99					
EXP 86. TUR/012-2	UNEP F. BINGEL TITLE :PROJECT ON JELLYFISH IN THE MEDITERRANEAN SEA. JELLYFISH MONITORING PROGRAMME FOR THE EASTERN MEDITERRANEAN COAST OF TURKEY	0/ 0/	0/ 0/	0/ 0/					
<u>YUGOSLAVIA</u>									
EXP 87. YUG/001-0	MON I. VUKADIN TITLE :STUDY AND MONITORING OF TOXIC HEAVY METALS (ZN, CD, PB, CU HG) IN SEA-WATER, SEDIMENTS AND ORGANISMS IN KASTELA BAY	0/ 0/	0/ 0/	0/ 0/					
EXP 88. YUG/002-1	FAO REGNER D. TITLE :POLLUTION-INDUCED ECOSYSTEM MODIFICATION IN THE COASTAL AREA OF CENTRAL ADRIATIC	1/ 1/83	7/ 2/83	30/ 6/85					
EXP 89. YUG/003-H	FAO MARASOVIC I. TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOOMS IN THE COASTAL AREA OF CENTRAL ADRIATIC	1/ 1/83	7/ 2/83	30/ 6/85					
EXP 90. YUG/004-0	MON S. SOBOT TITLE :COASTAL WATER QUALITY CONTROL IN THE SPLIT AREA	0/ 0/	0/ 0/	0/ 0/					
EXP 91. YUG/005-G	FAO TUDOR M. TITLE :RESEARCH ON THE EFFECTS OF OIL DISPERSANTS ON MARINE ORGANISMS	1/ 1/83	23/ 3/83	30/ 6/85					
EXP 92. YUG/006-F	IOC M. GACIC TITLE :LOW-FREQUENCY CURRENT FIELD OSCILLATIONS IN THE COASTAL ZONE OF THE CENTRAL ADRIATIC	0/ 0/	0/ 0/	0/ 0/					
EXP 93. YUG/007-1	FAO BENOVIC A. TITLE :INVESTIGATION OF ZOOPLANKTON COMMUNITIES IN THE NORTHERN ADRIATIC SEA	1/10/82	9/ 9/83	30/ 6/85					
EXP 94. YUG/008-H	FAO ZUFIC V. TITLE :RELATIONSHIP BETWEEN PHYTOPLANKTON BLOOMS AND DISSOLVED ORGANIC MATTER IN THE NORTHERN ADRIATIC	1/10/83	1/12/83	30/ 6/86					

CODE NO INVESTIGATOR'S NAME DATE OF COMMENCEMENT DATE OF SIGNATURE DATE OF EXPIRATION AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT FOR FOR FOR FOR FOR FOR 1983 1984 1985 1986 1987

- 9. YUG/023-G PAO GASIC M. 1/ 3/84 20/12/83 30/ 6/86
TITLE :HALOGEN-CONTAINING TERPENOIDS AND RELATED SUBSTANCES IN MARINE ORGANISMS
- EXP 10. YUG/024-H PAO FANUKO N. 1/ 4/83 24/ 5/83 30/ 6/85
TITLE :EUTROPHICATION AND CONCOMITANT PLANKTON BLOODS
- EXP 11. YUG/025-F IOC J. FAGANELI 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :MODIFICATIONS OF THE SUSPENDED ORGANIC MATTER COMPOSITION AND SEDIMENTATION IN THE POLLUTED COASTAL WATERS
- 12. YUG/026-D PAO BUZINA R. 1/ 2/84 14/ 2/84 30/ 6/86
TITLE :THE ANALYSIS OF MERCURY AND METHYL MERCURY IN SEAFOOD IN VARIOUS PARTS OF THE MEDITERRANEAN REGION
- EXP 13. YUG/027-D WHO R. BUZINA 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :EVALUATION OF METHYLMERCURY IN MEDITERRANEAN POPULATIONS AND RELATED HEALTH HAZARDS
- EXP 14. YUG/028-D WHO L. KOSTA 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :ANALYSIS OF HUMAN HAIR FOR ASSESSING EXPOSURE AND POSSIBLE HEALTH HAZARDS IN MEDITERRANEAN POPULATIONS DUE TO METHYLMERCURY IN SEAFOOD
- EXP 15. YUG/029-L WHO Z. I. JANJIC 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :PRELIMINARY STUDY OF POTENTIAL LONG-RANGE CADMIUM TRANSPORT FROM MAJOR IDENTIFIED SOURCES IN EUROPE INTO THE MEDITERRANEAN REGION
- EXP 16. YUG/030-2 UNEP A. BENOVIC 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :INVESTIGATION OF JELLYFISHES (MEDUSAE) IN THE SOUTHERN ADRIATIC
- EXP 17. YUG/031-2 UNEP F. KRINIC 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :TOTAL DAY-NIGHT COMPOSITION OF ZOOPLANKTON IN THE BAY OF MALI STON NEAR DUBROVNIK
- EXP 18. YUG/032-2 UNEP T. LEGOVIC 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :SWARMING AND TRANSPORT OF PELAGIA NOCTILUCA IN THE ADRIATIC SEA
- EXP 19. YUG/033-L UNES V. ZUTIC 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :VERTICAL TRANSPORT OF POLLUTANTS IN THE ESTUARY: THE IMPORTANCE OF ORGANIC AGGREGATES
- EXP 20. YUG/034-2 UNEP B. CEZAREVIC 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :INVESTIGATION OF MEDICAL EFFECTS OF JELLYFISH ON HUMANS IN THE REGION OF DUBROVNIK
- EXP 21. YUG/035-2 UNEP Z. MARETIC 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :PELAGIA NOCTILUCA - HUMAN HEALTH ASPECTS
- EXP 22. YUG/036-F IOC M. ZORE-ARMANDA 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/
TITLE :TURBIDITY TRANSPORT BY RESIDUAL CURRENTS
- CNC 23. YUG/037-H PAO D. ZAVODNIK 0/ 0/ 0/ 0/ 0/ 0/ 0/ 0/ 99/99/99
TITLE :MONITORING OF ECOSYSTEMS MODIFICATIONS IN THE NORTHERN ADRIATIC SEA INDUCED BY EUTROPHICATION AND ANTHROPOGENIC ACTIVITIES

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	SIGNATURE	DATE OF EXPIRATION	AMOUNT AMOUNT AMOUNT AMOUNT AMOUNT FOR FOR FOR FOR FOR FOR FOR FOR
					1983 1984 1985 1986 1987
24. YUG/038-G	FAO OZRETIC M. TITLE :TOXICITY OF POLLUTANTS TO MARINE ORGANISMS: PHYSIOLOGICAL AND BIOCHEMICAL STUDIES	1/ 7/84	20/ 9/84	30/ 6/86	
EXP 25. YUG/039-Z	UNEP D. ZAVODNIK TITLE :MONITORING OF JELLYFISH PELAGIA NOCTILUCA ALONG THE WEST ISTRIAN RIVIERA (NORTHERN ADRIATIC)	0/ 0/	0/ 0/	0/ 0/	
CNC 26. YUG/040-H	FAO N. FANUKO TITLE :EUTROPHICATION OF THE NORTH ADRIATIC AND CONCOMITANT PLANKTON BLOOMS	0/ 0/	0/ 0/	99/99/99	
EXP 27. YUG/041-G	IAEA B. COSOVIC TITLE :STUDY OF THE PHYSICO-CHEMICAL INTERACTIONS OF NATURAL AND ARTIFICIAL SURFACE ACTIVE SUBSTANCES WITH TOXIC SUBSTANCES IN THE SEA	0/ 0/	0/ 0/	0/ 0/	
EXP 28. YUG/042-Z	UNEP T. VUCETIC TITLE :COMPARATIVE STUDY OF THE UNUSUAL APPEARANCE OF PELAGIA AND CHANGES OF THE ENVIRONMENTAL FACTORS	0/ 0/	0/ 0/	0/ 0/	
29. YUG/043-H	FAO I. MARASOVIC TITLE :STUDIES OF TOXIC DINOFLELLELLATE SPECIES IN THE INSHORE WATERS OF THE EAST ADRIATIC COAST	1/ 7/85	9/ 9/85	30/ 6/86	
EXP 30. YUG/044-Z	UNEP B. SEDMAK TITLE :CYTOLITIC TOXINS FROM JELLYFISH; PELAGIA NOCTILUCA, COTYLORRHIZA TUBERCULATA	0/ 0/	0/ 0/	0/ 0/	
EXP 31. YUG/045-Z	UNEP A. MALEJ TITLE :RATE OF METABOLISM OF JELLYFISH AS RELATED TO BODY WEIGHT, CHEMICAL COMPOSITION AND TEMPERATURE	0/ 0/	0/ 0/	0/ 0/	
CNC 32. YUG/046-H	FAO D. VILICIC TITLE :RELATIONSHIP BETWEEN LAND-BASED SOURCES AND PLANKTON COMPOSITION AT THREE NEARSHORE STATIONS (DUBROVNIK, STON, SIBENIK) - EASTERN ADRIATIC	0/ 0/	0/ 0/	99/99/99	
33. YUG/047-G	FAO N. FANUKO TITLE :TOXICITY OF CADMIUM, MERCURY AND PCBs TO THE REPRESENTATIVE NORTHERN-ADRIATIC PHYTOPLANKTON SPECIES CULTURED IN VITRO	1/ 7/85	0/ 0/	30/ 6/86	
CNC 34. YUG/048-G	FAO M. TUDOR TITLE :RESEARCH ON THE EFFECTS OF OIL AND HEAVY METALS ON FISHES	0/ 0/	0/ 0/	99/99/99	
35. YUG/049-K	FAO T. ZVONARIC TITLE :STUDY OF THE MERCURY ECOCYCLE IN THE MARINE SYSTEM OF THE KASTEL BAY	1/ 7/85	9/ 9/85	30/ 6/86	
CNC 36. YUG/051-H	FAO D. REGNER TITLE :INFLUENCE OF EUTROPHICATION ON THE COPEPOD NUTRITION IN THE COASTAL ENVIRONMENT	0/ 0/	0/ 0/	99/99/99	
CNC 37. YUG/052-H	FAO I. VUKADIN TITLE :EFFECTS OF EUTROPHICATION ON THE ECOSYSTEM IN SEMI-ENCLOSED BASINS (KASTELA BAY AND ELEFSIS BAY)	0/ 0/	0/ 0/	99/99/99	

CODE NO	INVESTIGATOR'S NAME	DATE OF COMMENCEMENT	DATE OF SIGNATURE	DATE OF EXPIRATION	AMOUNT FOR				
					1983	1984	1985	1986	1987
38. YUG/053-G	FAO M. OZRETIC	1/ 7/85	17/ 9/85	30/ 6/86					
	TITLE :SERUM ENZYMES IN FISH AS BIOCHEMICAL INDICATORS OF MARINE POLLUTION								
CNC 39. YUG/054-H	FAO R. PRECALI	0/ 0/	0/ 0/	99/99/99					
	TITLE :EFFECTS OF LIGHT ON THE PATHWAYS OF CARBON ASSIMILATION IN THE RELATION TO GROWTH RATE FOR NATURAL POPULATIONS OF MARINE PHYTOPLANKTON (INCLUDED IN MED POL - PHASE II, ACTIVITY 'H')								
CNC 40. YUG/054-H	FAO R. PRECALI	0/ 0/	0/ 0/	99/99/99					
CNC 41. YUG/054-H	FAO R. PRECALI	0/ 0/	0/ 0/	99/99/99					
	TITLE :EFFECTS OF LIGHT ON THE PATHWAYS OF CARBON ASSIMILATION IN THE RELATION TO GROWTH RATE FOR NATURAL POPULATIONS OF MARINE PHYTOPLANKTON (INCLUDED IN MED POL - PHASE II, ACTIVITY 'H')								
TOTALS FOR :					1983	1984	1985	1986	1987
					75,000	96,200	118,500	76,500	

Reference Methods - summary sheet, status as per January 1986New Reference Methods in print during 1985

- UNEP/FAO/IAEA : Determination of total arsenic in selected marine organisms by hydride generation atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 9, UNEP 1985.
- UNEP/IOC/IAEA : Monitoring of tar on marine beaches. (Draft) Reference Methods for Marine Pollution Studies No. 15, UNEP 1985.
- UNEP/IOC/IAEA : Determination of mercury in estuarine waters and suspended sediment by cold vapour atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 19, UNEP 1985.
- UNEP/WHO/IAEA : Determination of total coliforms in sea water by multiple test tube (MPN) method. (Draft) Reference Methods for Marine Pollution Studies No. 21, UNEP 1985.
- UNEP/WHO/IAEA : Determination of faecal coliforms in sea water by multiple test tube (MPN) method. (Draft) Reference Methods for Marine Pollution Studies No. 22, UNEP 1985.
- UNEP/WHO/IAEA : Determination of faecal streptococci in sea water by multiple test tube (MPN) method. (Draft) Reference Methods for Marine Pollution Studies No. 23, UNEP 1985.
- UNEP/WMO/IAEA : Sampling of aerosols and wet precipitation for analysis of chemical pollutants. (Draft) Reference Methods for Marine Pollution Studies No. 24, UNEP 1985.
- SPC/UNEP : Coral reef monitoring handbook. Reference Methods for Marine Pollution Studies No. 25, UNEP 1984.
- UNEP/IAEA : Determination of total mercury in marine sediments and suspended solids by cold vapour atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 26, UNEP 1985.
- UNEP/IAEA : Determination of total cadmium in marine sediments by flameless atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 27, UNEP 1985.
- UNEP/IAEA : Determination of total chromium in marine sediments by flameless atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 31, UNEP 1985.
- UNEP/IAEA : Determination of total cobalt in marine sediments by flameless atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 32, UNEP 1985.

- UNEP/IAEA : Determination of total copper in marine sediments by flameless atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 33, UNEP 1985.
- UNEP/IAEA : Determination of total lead in marine sediments by flameless atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 34, UNEP 1985.
- UNEP/IAEA : Determination of total nickel in marine sediments by flameless atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 35, UNEP 1985.
- UNEP/IAEA : Determination of total vanadium in marine sediments by flameless atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 36, UNEP 1985.

New reference methods in-press or awaiting

formal approval for publishing *

- UNEP/FAO/IOC
IAEA : Determination of DDTs and PCBs in selected marine organisms by packed column gas chromatography. Reference Methods for Marine Pollution Studies No. 14.
- UNEP/IAEA : Determination of total iron in marine sediments by flame atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 37.
- UNEP/IAEA : Determination of total manganese in marine sediments by flame atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 38.
- UNEP/IAEA : Determination of total zinc in marine sediments by flame atomic absorption spectrophotometry. (Draft) Reference Methods for Marine Pollution Studies No. 39.

Reference methods currently being prepared **

- UNFP : Sampling and identification of common Mediterranean Scyphomedusae and evaluation of their occurrence.
- UNEP/IOC/IAEA : Monitoring of petroleum hydrocarbons in sea water.
- UNEP/IAEA : Guidelines for monitoring of estuarine waters and suspended matter.
- UNEP/WHO/IAEA : Determination of faecal coliforms in estuarine waters, suspended matter and sediments.

- UNEP/WHO/IAEA : Determination of phosphorus in suspended matter and sediments.
- UNEP/WHO/IAEA : Determination of nitrogen in suspended matter and sediments.
- UNEP/WHO/IAEA : Determination of BOD₅ and COD in estuarine waters.
- UNEP/FAO/IAEA : Acute toxicity tests.
- UNEP/IOC/IAEA : Determination of total cadmium in estuarine waters and suspended matter.
- UNEP/FAO/IAEA : Biological non-acute toxicity tests.
- UNEP/IOC/IAEA : Determination of basic oceanographic and meteorological conditions.
- UNEP/IOC/IAEA : Determination of standard physical and chemical parameters.
- UNEP/WHO/IAEA : Statistical methods for the evaluation of results from monitoring the quality of coastal recreational and shellfish-growing waters.
- UNEP/FAO/IOC/IAEA : Determination of DDTs and PCBs in selected marine organisms by capillary column gas chromatography.
- UNEP/IAEA : Determination of selected trace metals in aerosols and in wet precipitation.
- UNEP/IAEA : Determination of halogenated hydrocarbons in aerosols and in wet precipitation.
- UNEP/WMO/IAEA : Sampling of dry deposition.
- UNEP/WHO/IAEA : Determination of methylmercury, total mercury and selenium in human hair.
- UNEP/IOC/IAEA : Guidelines for the determination of riverine inputs of contaminants to estuaries.
- UNEP/FAO/IAEA : Guidelines for monitoring chemical contaminants in marine organisms. Reference Methods for Marine Pollution Studies No. 6, UNEP.
- UNEP/WHO/IAEA : Determination of Staphylococcus aureus in sea-water and sewage by the membrane filtration culture method. Reference Methods for Marine Pollution Studies No 28, UNEP.

- UNEP/WHO/IAEA : Determination of Pseudomonas aeruginosa in sea-water and sewage by the membrane filtration culture method. Reference Methods for Marine Pollution Studies No 29, UNEP.
- UNEP/WHO/IAEA : Isolation/enumeration of Salmonella from sea-water and sewage. Reference Methods for Marine Pollution Studies No 30, UNEP.
- UNEP/IOC : Monitoring of Petroleum Hydrocarbons in sediments. Reference Methods for Marine Pollution Studies No 20, UNEP.

Footnotes

- * These reference methods are now ready in document form, have been edited and are awaiting formal approval before going into print.
- ** These reference methods have now been formally contracted for delivery in 1986 or, in some cases, exist as unedited documents. They are all scheduled for publication during 1986.

Summary sheet on intercalibration exercises

1985 Exercises

1. Med-Pol - Petroleum Hydrocarbon Intercalibration
Samples distributed: SD-K-1 (sediment) and MA-K-1 (oyster homogenate)
Initial distribution date: 23 October 1985
Reply date: 31 January 1986
Replies received by 9 January 1986: None
Participant studies: 11 - Cyprus, Egypt, France, Greece, Lebanon, Libya, Malta, Spain, Tunisia, Turkey, Yugoslavia.

2. Med-Pol participants in IAEA Intercalibration
Samples distributed: MA-A-3/TM (shrimp, trace metals)
MA-A-3/OC (shrimp, organochlorines)
MA-B-3/OC (fish, organochlorines)
Initial distribution date: 23 September 1985
Reply date: 31 May 1986
Participant states from Med-Pol: 7 - Egypt, France, Italy, Libya, Spain, Turkey, Yugoslavia.

3. Occasional requests from previous exercises
Requests from states in Med-Pol area: 5 - Egypt (2), France, Spain, Yugoslavia.

Reports published in 1985 from previous exercises

IAEA Report No. 24 - Intercomparison of Trace Element Measurements in Marine Sediment Sample SD-N-1/2, June 1985.

Participant laboratories from Med-Pol area: 8 - France (2), Italy (2), Monaco (1), Turkey (2), Yugoslavia (1).

IAEA Report No. 26 - Intercalibration of Analytical Methods on Marine Environmental Samples, Trace Element Measurements on Mussel Homogenate (MA-M-2/TM), October 1985.

Participant laboratories from Med-Pol area: 10 - France (4), Italy (2), Monaco (2), Spain (1), Turkey (1).

Available (limited) stocks of reference material

Trace Metals

SD-N-1/2 - sediments
MA-A-1 - copepods

Chlorinated Hydrocarbons

MA-M-2/OC - mussels
MA-A-1/OC - copepods
MA-A-2/OC - fish
SD-M-1 - sediments

Petroleum Hydrocarbons

MA-K-1 - Oyster homogenate

LIST OF SERVICE VISITS TO THE NATIONAL INSTITUTIONS
FROM DECEMBER 1984 - DECEMBER 1985

<u>Duty Period</u>	<u>Destination</u>	<u>Service</u>
1. 11-16 Dec. 84	ISMAL, Algeria	1. Varian AAS 1250 2. Varian GC 3700 3. Hewlett Packard 85 Computer
2. 17-18 Dec. 84	INSTOP, Tunisia	1. Varian AAS 1250
3. 28-30 Mar. 85	Piran, Yugoslavia	1. Varian AAS 1250
4. 9-15 Aug. 85	Fisheries, Alexandria, Egypt	1. Varian AAS 1250 2. Varian GC 2450
5. 15-16 Aug. 85	University, Alexandria, Egypt	1. Varian AAS 175 2. Varian GC 3700
6. 17-18 Sept. 85	Rovinj, Yugoslavia	1. Aanderaa Current Meters 2. Varian AAS 1250 3. Hewlett Packard GC
7. 19-20 Sept. 85	Piran, Yugoslavia	1. Varian AAS 1250

LIST OF OTHER VISITS AND ACTIVITIES IN THE SAME PERIOD

1. 20-24 May 85 Wang, Paris Maintenance Service Course for Wang OIS-50 Computer System
2. 10-13 June 85 Wang, Lyon DW/OS-55 Printer Maintenance Service Course
3. 24-26 June 85 Wang, Paris TC-Wang Course
4. 8-12 July 85 • UNEP, Athens, Greece To familiarize with the Wang Data/WP Systems (Wang) and Tektronix Graphic Equipment
5. 6-11 Sept. 85 Genova, Italy Installation of Wang WP Systems Fourth Intergovernmental Meeting of Contracting Parties to the Barcelona Convention
6. 15-16 Sept. 85 Zagreb, Yugoslavia Visit to the Head of the Lab. of Sanitary Hydrotechnic Inst. of Civil Engineering (Dr. L. Sipos) to discuss the results of testing MOD 511 Mercury Analyzer, by Jerome Instruments.
7. 29 Sept. -
2 Oct. 1985 Split, Yugoslavia Installation of Wang WP Systems ET PAP/RAC
8. 9-12 Dec. 85 Rocc, Malta Installation of the Wang WP Systems

SUPPLY OF DIFFERENT PARTS TO THE NATIONAL INSTITUTIONS

1. March 85
 - Glass Pesticide Packed Column for Ismal, Algeria
 - Precision Resistance Network for GC 3700 at Ismal, Algeria
 - Operational Amplifier for GC 3700 at Ismal, Algeria
2. April 85
 - Source Mirror for the Perkin-Elmer Spectrophotometer at Institute of Public Health, Split, Yugoslavia
3. July 85
 - Supply of Chemicals (Anthrone Reagent, Vaniline, Cholesterol, Coomassie Blue) for Biological Institute, Dubrovnic, Yugoslavia
4. December 85
 - Purchase of Digital Read-out Accessory for PYE-UNICAM AAS for Bar, Yugoslavia*
 - Purchase of Graphite Ferules for the Glass Column for the Varian GC, Bar, Yugoslavia*
 - Purchase of Transmission Belts for 9176 Printer, Bar, Yugoslavia*

*NOTE: Above material will be delivered to the Laboratory during my next visit to Yugoslavia.

NOTE: Service visit to Nicosia, Cyprus was organized for October/November to service both the Cyprus and Beirut instruments, however, it was postponed until the arrival of the Beirut instruments to Cyprus.

NOTE: Next service visit planned at the end of January 86 to ISMAL, Algeria.

RELEVANT DECISIONS FROM GENOA AND FOLLOW-UP ACTIONS

	Page	Para	Subject	Type of action	Leading organization	
1.	5	35	Greece/Turkey	Letters	MEDU	
2.	6	50	Training	Programme	MEDU	Agencies to propose a programme/end of Jan.
3.	6	50	Equip./Mater.	Programme	MEDU	
4.	12 29	99 E1	Res. B	Prog./Proj.	MEDU/IAAC	
5.	12 29	99 E1	Res. C	Prog./Proj.	MEDU/IAAC	WHO to solicit proposals from countries/end of January
6.	12 29	99 E1	Res. E	prog./proj.	MEDU/IAAC	
7.	12	100	EAMTEX	Letter/Report	WMO	Draft letter to Spain/End of February
8.	13 32	103 3f	MED POL X Bis	Programme	MEDU/WHO	In progress
9.	27 29 29 29 30	1f A1 A3 A4 G2	Ref. Meth.	prog./documents	IAEA	In progress, see Annex VII
10.	27	1f	Ref. Mater.	Prog./documents	IAEA	In progress, see Annex VIII
11.	28	1g	Air-monit.	Letters/project	WMO	Draft letter to countries/end of January
12.	28	1h	Natr. proc.	Letters/project		no action
13.	28	1j	Monit. meet.	Meetings	MEDU/IAAC	See Annex XIII

RELEVANT DECISIONS FROM GENOA AND FOLLOW-UP ACTIONS

	Page	Para	Subject	Type of action	Leading organization	
14.	28	1j	LBS monit.	Meeting	WHO/MEDU	See Annex XIII, Athens, February 87
15.	28	2c	Sampl.Anal.	Meeting	All Agencies	Research funds to be used as appropriate, see Annex XIII
16.	29	A2	Intercalib.	Letters/Exerc.	MEDU/IAAC	Letter/reminder to be sent to countries
17.	29	A5	Interca. petr.	Meeting	IOC	See Annex XIII, Barcelona, October 86
18.	29	A5	Ref.Met.chem.Com.	Meeting	IAEA	See Annex XIII, Monaco, November 86
19.	30	D1	Epidem.	Project	WHO	In progress
20.	30	D1	Wat.qual./Health	Meeting	WHO	See Annex XIII, Italy, November 87
21.	30	D2	Methyl Hg	Project	WHO	In progress
22.	30	D2	Methyl Hg	Meeting	WHO	See Annex XIII, Athens or Rome, Sept. 86
23.	30	F1	Ocean.proc.	Review	IOC	In preparation: draft June 86, final Oct. 86
24.	30	F1	Bibl.	Document	IOC	In preparation: draft June 86, final Oct. 86
25.	30	G1	Carcin.	Prog.	WHO	In progress-letter for consult./end of May 86
26.	30	G1	Toxic.	Prog.	FAO	In progress
27.	30	G2	Acute Toxic.	Ref. meth.	FAO/IAEA	In preparation/April
28.	30	G2	Sub-let: tox.	Ref. meth.	FAO/IAEA	In preparation/April
29.	31	H1	Eutroph.	Meeting	UNESCO	See Annex XIII, Bologna, November 86
30.	31	H1	Eutroph.	Pilot project	UNESCO	Follow-up to No 29

RELEVANT DECISIONS FROM GENOA AND FOLLOW-UP ACTIONS

	Page	Para	Subject	Type of action	Leading organization	
31.	31	H2	Jelly-fish	Meeting	MEDU	See Annex XIII, Trieste, 27-29 January 1986
32.	31	H2	Jelly-fish	Report	MEDU	Follow-up to No 31
33.	31	I1	Ecos. modif.	Programme	FAO	Explore training course
34.	31	J1	Thermal	Report	FAO	Report by Nov. 86 to be transmitted to WGSTC 87
35.	31	K1	Mercury cycle	Projects	FAO	In progress
36.	31	K2	Pathogens	Projects	WHO	In progress
37.	31	L1	Transp/straits	Review	IOC	In progress
38.	31	L1	Exchange	Project	IOC	Second half of 86
39.	31	L1	Microlayer	Project	IOC	Solicit information on reliability and feasibility of existing techniques
40.	32	L2	Air	Project	WMO	Letter/reminder by March
41.	32	L2	Air	Meeting	WMO	End of 87/Bapmon report by March 86, see Annex XIII
42.	32	L2	Air	Report	WMO	March 1986
43.	32	L3	Sedimentation	Meeting	IAEA/IOC	See Annex XIII, second half of 1987
44.	32	3e	LBS-Annex IV	Programme	MEDU	Letter to EEC, WMO, Hire a consultant

RELEVANT DECISIONS FROM GENOA AND FOLLOW-UP ACTIONS

	Page	Para	Subject	Type of action	Leading organization
45.	32	4a	Dump. auth.	Letter	MEDU/WHO
46.	32	4b	Dump. exp.	Letter	MEDU/WHO
47.	33	2a	Dump. Rep.	Letter	MEDU/WHO
48.	33	2a	Dump. Rep.	Report	MEDU/WHO
49.	33	3c	De-minimis	Letter	MEDU/WHO
50.	34	4a	Dump.monit.	Letter	MEDU/WHO
51.	34	4b	Dump.res.	Letter	MEDU/WHO
52.	34	5	Dump.	Letter	MEDU/WHO
53.	37	3d	Hg monit.	Letter	FAO/MEDU
54.	37	3e	Hg disch.	Letter	FAO/MEDU
55.	37	3f	Hg inform.	Letter	FAO/MEDU
56.	37	3g	Hg Survey	Project	WHO
57.	37	3g	Hg Epidem.	Project	WHO
58.	37	3g	Hg Relat.	Project	FAO
59.	37	3g	Hg Cycle	Project	FAO
60.	37	3g	Selenium	Project	FAO

by end of February

Mid-February

Ongoing

RELEVANT DECISIONS FROM GENOA AND FOLLOW-UP ACTIONS

	Page	Para	Subject	Type of action	Leading organization	
61.	38	3a	Bath. wat.	Letter	WHO/MEDU	End of January
62.	38	3e	B.W. monit.	Letter	WHO/MEDU	End of January
63.	38	3d	B.W. inform.	Letter	WHO/MEDU	End of January
64.	39	3e	B.W. res.	Project	WHO	}
65.	39	3e	B.W. Studies	Project	WHO	
66.	39	3e	B.W. Sampl.	Project	WHO	
67.	39	3e	B.W. Bath. Surv;	Project	WHO	
68.	39	3e	B.W. epid.	Project	WHO	
69.	39	7	Shell-fish	Programme	WHO/MEDU	Letter to Ros/end of January
70.	40		Floating	Letter	MEDU	End of February
71.	41		COST	Letter	MEDU	End of February
72.	An.VIII	p.8	Intercal.	Meeting	IOC	See Annex XIII, Barcelona, October 86
73.	An.VIII	p.8	ICSEM	Proceedings	MEDU/IOC	
74.	An.VIII	p.8	Assistance	Agreements	MEDU/IAAC	
75.	An.VIII	p.8	WGSTC 1986	Meeting	MEDU/IAAC	See Annex XIII, Athens, 16-21 June 1986
76.	An.VIII	p.8	WGSTC 1987	Meeting	MEDU/IAAC	See Annex XIII, Athens, May 1987

77.	An.VIII p.8	On-job training	Programme	MEDU	Proposals from Agencies by end of February		
78.	An.VIII p.8	ICSEM	Meeting	MEDU/IOC	See Annex XIII, Palma de Majorca, 20-25 Oct. 86		
79.	An.VIII p.8	Monitoring	Document.	MEDU/IAAC			
80.	An.VIII p.8	Monitoring	Meetings	MEDU/IAAC	See Annex XIII		
81.	An.VIII p.8	LBS	Meeting	WHO/MEDU	See Annex XIII, Athens, February 87		
82.	An.VIII p.8	Other	Meetings	MEDU			
83.	An.VIII p.9	Spares	Programme	IAEA	} Programme to be prepared by end of February		
84.	An.VIII p.9	Equip.	Programme	IAEA			
85.	An.VIII p.10	Res. A	Prog./Proj.	All Agencies			
86.	An.VIII p.10	Res. B	Prog./Proj.	WHO			
87.	An.VIII p.10	Res. C	Prog./Proj.	WHO			
88.	An.VIII p.10	Res. D	Prog./Proj.	WHO, FAO			
89.	An.VIII p.10	Res. E	Prog./Proj.	WHO			
90.	An.VIII p.10	Res. F	Prog./Proj.	IOC			
91.	An.VIII p.10	Res. G	Prog./Proj.	FAO, WHO			
92.	An.VIII p.10	Res. H	Prog./Proj.	FAO			
93.	An.VIII p.10	Res. I	Prog./Proj.	FAO			

RELEVANT DECISIONS FROM GENOA AND FOLLOW-UP ACTIONS

Page	Para	Subject	Type of action	Leading organization
94.	An.VIII p.10	Res. J	Prog./Proj.	FAO
95.	An.VIII p.10	Res. K	Prog./Proj.	FAO, WHO, IAEA
96.	An.VIII p.10	Res. L	Prog./Proj.	WMO, IAEA, IOC
97.	An.VIII p.10	Meet. A	Meeting	IAEA See Annex XIII, Monaco, November 86
98.	An.VIII p.10	Meet. D	Meeting	WHO See Annex XIII, Italy, November 87
99.	An.VIII p.10	Meet. D	Meeting	WHO See Annex XIII, Italy, November 87
100.	An.VIII p.10	Meet. H	Meeting	UNESCO See Annex XIII, Bologna, November 86
101.	An.VIII p.10	Meet. L	Meeting	WMO See Annex XIII, End 87
102.	An.VIII p.10	Meet. L	Meeting	IAEA See Annex XIII
103.	An.VIII p.12	MEDWAVES	Texts	MEDU

RELEVANT DECISIONS FROM LBS MEETING AND FOLLOW-UP ACTIONS

	Page	Para	Subject	Type of action	Leading organization	
1.	5	28a	Draft forms	Letter	WHO/MEDU	End of January
2.	5	28b	Draft forms	Document	WHO/MEDU	End of March
3.	5	28c	Detail Comm.	Letter	WHO/MEDU	End of April
4.	5	28c	Rev. version	Document	WHO/MEDU	End of 86
5.	5	32	Outfall	Letter	WHO/MEDU	End of January
6.	5	32	Outfall	Document	WHO/MEDU	Follow-up to No 5
7.	6	36	B,C,E	Letter/Proj.	WHO/MEDU	Letter/reminder to be sent by end of January
8.	An. IV, i		LBS-Air Annex	Programme	MEDU	See Annex X No 44
9.	An. V, a		MED POL X Bis	Programme	WHO/MEDU	In progress
10.	An. V, c		Information	Letter	WHO/MEDU	End of February
11.	An. VI, c		Information	Letter	WHO/MEDU	End of February
12.	A. VII, 1 86		Glossary	Letter	WHO/MEDU	Contact IRPTC/end of February
13.	A. VII, 2 86		List of Subst(I)	Letter	WHO/MEDU	Contact IRPTC/end of February

12/2/86

RELEVANT DECISIONS FROM LBS MEETING AND FOLLOW-UP ACTIONS

Page	Para	Subject	Type of action	Leading organization
14.	A.VII,3 86	List of Subs(II)	Letter	WHO/MEDU
15.	A.VII,4 86	Ass. lub. oils	Document	UNIDO/MEDU
16.	A.VII,5 86	Survey LBS	Project	WHO/MEDU
17.	A.VII,6 86	Ass. microb.	Document	WHO/MEDU
18.	A.VII,7 86	Sub. pipelines	Document	WHO/MEDU
19.	A.VII,8 86	Coll. inf.	Document	WHO/MEDU
20.	A.VII,9 86	Guid. authoriz.	Document	WHO/MEDU
21.	A.VII,1 87	Ass. Cadmium	Document	FAO/MEDU
22.	A.VII,2 87	Ass. organohal.	Document	FAO/MEDU
23.	A.VII,3 87	Ass. Mercury	Document	FAO/MEDU
24.	A.VII,4 87	Treatments	Review	WHO/MEDU
25.	A.VII,5 87	Sub-outfalls	Review	WHO/MEDU
26.	A.VII,6,87	Effluents	Document	WHO/MEDU

Contact IRPTC/end of February

In progress

In progress/consultant

Letter to Ros (Villa, Balland)

Consultant

To be prepared

See No 3

Consultant

Consultant

Consultant

Consultant

Consultant

Consultant

Consultant

RELEVANT DECISIONS FROM IBS MEETING AND FOLLOW-UP ACTIONS

Page	Para	Subject.	Type of action	Leading organization
27.	A.VIII,1 88	Ass. Pers. mat.	Document	UNIDO/MEDU
38.	A.VIII,2 88	Ass.organ.phosph.	Document	FAO/MEDU
39.	A.VIII,3 88	Ass. Organotin	Document	FAO/MEDU
30.	A.VIII,4 88	List sub. (I-II)	Document	IRPTC/MEDU
31.	A.VIII,5 88	Sub.outfalls	Document	WHO/MEDU
32.	A.VIII,6 88	Products, instal.	Document	UNIDO/MEDU
33.	A.VIII,7 88	Draft Annex IV	Document	MEDU
34.	A.VIII,8 89	Ass.radioact.sub.	Document	IAEA/MEDU
35.	A.VIII,9 89	Ass. carcinog.	Document	WHO/MEDU
36.	A.VIII,10, 89	Ass.path.org.	Document	WHO/MEDU
37.	A.VIII,11, 89	Altern. products	Document	UNIDO/MEDU

Agencies to prepare development programme proposals

RELEVANT DECISIONS FROM WGSTC MEETING AND FOLLOW UP ACTIONS

	Page	Para	Subject	Type of action	Leading organization	
1.	4	21	Natl leg.	Letter	WHO	Letter already sent
2.	4	21	Natl leg.	Review	WHO	In preparation
3.	4	23	MED POL, Phase I	Report	MEDU	Individual reports ready for publication/over-all report in preparation
4.	4	23	DATA bank	Programme	MEDU	In progress
5.	4	25	Petr. hydroc.	Assessment	IOC	In progress
6.	5	29	MED POL X bis	Visits	MEDU/WHO	To be discussed
7.	5	31	Monitoring	Review meeting	MEDU/IAAC	In progress, see Annex XIII, Athens May 1987
8.	5	32b	Ocean Proc.	Projects	IOC	In progress
9.	6	32c	Poll.trans.	Letter	MEDU	by end of February/letter to EEC
10.	6	32c	Air	Letter	WMO/MEDU	by end of February
11.	6	32c	Air	Review	WMO/MEDU	Follow-up to number 10
12.	8	42	Bat. wat.	Letter	WHO	End of February
13.	8	45	Shell-fish	Letter	WHO	End of January
14.	8	45	Shell-fish	New document	WHO	Follow-up to No 13
15.	8	46	Shell-fish	Letter	WHO	Letter to Ros
16.	8	46	Shell-fish	Document	WHO	Follow-up to number 15
17.	9	49b	Petr.hydr.	Letter	IOC/MEDU	End of February
18.	9	49c	Petr.hydr.	New document	IOC/MEDU	In progress

MEETINGS PLANNED FOR THE BIENNIUM 1986-1987

Relevant decision	Budgetary Amount	Allocation Document	Resp. Officer	Leading Agency	Date	Place
Genoa p. 28, para 1 j				(Coop. Ag)		
1. Ad hoc Meetings of scientists/experts from collaborating research centres to discuss specific problems of particular importance for the implementation of the monitoring programme		a) Data collected through monitoring will be assessed with the help of consultants b) Decisions on these meetings will be taken on the basis of outcome of the point a) above	Saliba	WHO	Feb. 87	Athens
2. Consultation meeting to assess the results of monitoring the pollutants from land-based sources, including the effectiveness of presently used methodology and sampling strategies	15,000	Genoa Annex VIII p. 8, para 4				
3. Scientific workshops and experts' meetings on topics which used a common methodology for sampling and analysis and co-ordination in work between research centres		The meeting will be budgeted through regular research agreements				
4. Review of new reference methods for the determination of chemical contaminants (Metals in sediments and organisms)	12,000	Genoa, Annex VIII p.10	Mee	IAEA (FAO IOC)	Nov 86	Monaco
5. Intercalibration exercise for reference methods dealing with petroleum hydrocarbons	6,000 plus 12,000(85)	Genoa, Annex VIV, p.10 para 3	Kullenberg	IOC (IAEA)	Oct. 86	Barcelona
6. Consultation meeting on correlation between coastal water quality (Recreational and shellfish-growing waters) and health effects	12,500	Genoa, Annex VIII, para.D 1 p.10	Saliba	WHO	Nov. 87	Italy

MEETINGS PLANNED FOR THE BIENNIUM 1986-1987

	Relevant decision	Budgetary Amount	Allocation Document	Resp. Officer	Leading Agency (Coop. Ag)	Date	Place
7.	Consultation meeting on assessing results of the project on evaluation of methylmercury in Mediterranean population	12,000	Genoa, Annex VIII, p. 10	Saliba	WHO (FAO)	Sept. 86	Athens or Rome
8.	Meeting on appropriate methods for eutrophication assessment and identification of markedly eutrophied area.	12,000	Genoa, Annex VIII, p. 31, para H 1	Krause	UNESCO (FAO)	Nov. 86	Bologna
9.	Review meeting on jelly-fish research programmes	Budgeted in 1985	Genoa, Annex VIII, p. 10	Civilli	MEDU	27-29 Jan. 86	Trieste
10.	Workshop to review preliminary results of a pilot project in studying air pollutant depositions into the Mediterranean region	12,000	Genoa, Annex VIII, p. 10	Soudine	WMO	End 87	
11.	Expert meeting to review results of ongoing research projects on work of transport of pollutants by sedimentation	12,000	Genoa, Annex VIII, p. 32, L 3		IAEA (IOC)		
12.	Meeting of the Working Group on Scientific and Technical co-operation 1986	40,000	Genoa, Annex VIII, p. 8, para 4	Jeftic	MEDU	16-21 Jun 86	Athens
13.	Meeting of the Working Group on Scientific and Technical Co-operation 1987	45,000	Genoa, Annex VIII, p. 8, para 4	Jeftic	MEDU	May 1987	Athens
14.	XIII ICSEM/IOC/UNEP Meeting	30,000	Genoa, Annex VIII, p. 8, para 4	Jeftic, Kullenberg	MEDU/IOC	20-25 Oct 86	Palma de Majorca

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UNEP/WG. /1
9 January 1986

Original: ENGLISH

Fourth Meeting of the Working Group for
Scientific and Technical Co-operation for MED POL

Athens, 16-21 June 1986

PROVISIONAL AGENDA

1. Opening of the Meeting
2. Rules of procedure
3. Election of officers
4. Adoption of Agenda
5. Organization of work
6. Progress report on the implementation of MED POL-PHASE II and planned activities for 1986-1987
7. Progress in the implementation of the Survey of Land-Based Sources and Amounts of Pollutants reaching the Mediterranean Sea (MED POL X bis)
8. Progress in the implementation of the LBS Protocol
9. Progress in the implementation of the Dumping Protocol
10. Progress in the implementation of the Emergency Protocol
11. Assessment of the present state of pollution by petroleum hydrocarbons in the Mediterranean Sea
12. Assessment of the state of the pollution in the Mediterranean Sea by used lubricating oils and proposed measures
13. Assessment of the present state of pollution by cadmium, copper, zinc and lead in the Mediterranean Sea
14. Assessment of the state of microbial pollution of shell-fish and shell-fish growing waters in the Mediterranean Sea and proposed measures
15. Review of intercalibration exercises on microbiological methods for coastal water quality monitoring
16. Other business
17. Adoption of Report
18. Closure of the Meeting

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LIST OF DOCUMENTS

Working Documents

- UNEP/WG. / 1 : Provisional Agenda
- UNEP/WG. / 2 : Provisional Annotated Agenda
- UNEP/WG. / 3 : Progress Report on the Implementation of MED POL-PHASE II and planned activities for 1986-1987
- UNEP/WG. / 4 : Assessment of the present state of pollution by petroleum hydrocarbons in the Mediterranean Sea
- UNEP/WG. / 5 : Assessment of the state of the pollution in the Mediterranean Sea by used lubricating oils and proposed measures
- UNEP/WG. / 6 : Assessment of the present state of pollution by cadmium, copper, zinc and lead in the Mediterranean Sea
- UNEP/WG. / 7 : Assessment of the state of microbial pollution of shell-fish and shell-fish growing waters in the Mediterranean Sea and proposed measures
- UNEP/WG. / 8 : Review of intercalibration exercises on microbiological methods for coastal water quality monitoring
- UNEP/WG. / 9 : Progress in the implementation of the Survey of Land-Based Sources and Amounts of Pollutants reaching the Mediterranean Sea (MED POL X bis)
- UNEP/WG. /10 : Progress report on the implementation of the LBS Protocol

- UNEP/WG. /11 : Progress report on the implementation of the Dumping Protocol
- UNEP/WG. /12 : Progress report on the implementation of the Emergency Protocol
- UNEP/WG. /13 : Draft forms for the authorization of the discharge of liquid wastes into the Mediterranean Sea

Information Documents

- UNEP/WG. /Inf.1 : List of Documents
- UNEP/WG. /Inf.2 : List of Participants
- UNEP/WG. 118/9 : Report of the III WGSTC
- UNEP/WG. 125/10 : Report of the Meeting of Experts on the Implementation of the LBS Protocol
- UNEP/IG. 56/5 : Report of the Fourth Ordinary Meeting of the Contracting Parties
- : Report of the Review Meeting on the implementation of the MED POL Jelly-fish programme

QUESTIONNAIRE ON RESEARCH VESSELS IN THE MEDITERRANEAN

I. GENERAL INFORMATION

1. Name of the vessel
2. Owner of the vessel
3. Institutions responsible for planning of vessel's activities
4. Class (fisheries, seismic, hydrographic, coastal, meteorological, etc.)
5. Year and Place of Construction

II. BASIC INFORMATION

6. Over-all length
7. Beam
8. Laden draught
9. Displacement (GRT)
10. Hull material (wood, steel, glass reinforced, plastic, etc.)
11. Speed
 - a. Maximum
 - b. Cruising
12. Propulsion
 - a. Number of engines
 - b. Type of engines
 - c. Power developed
 - d. Type and number of propellers
 - e. Manoeuvring equipment (lateral propulsion, etc.)
13. Electrical Power
 - a. Voltage
 - b. Number of phases
 - c. Frequency
 - d. Capacity (KVA)

14. Autonomy

- a. Number of days
- b. Number of nautical miles at cruising speed
- c. Limitations for weather or sea condition

15. Accommodation

- a. Crew
- b. Scientists

16. Anchorage System

- a. Type
- b. Chain length limitations

17. Navigational System

- a. Type (Satellite, Loran, Decca, Omega, radiogoniometer, radar, gyro-compass, magnetic compass, astronomical, dead reckoning, etc.)

18. Communication

- a. Type (Telex, VHF, single-sideband, WTX, etc.)
- b. Ships call sign

19. Hydroacoustic equipment

- a. Echosounder (type, range, frequencies)
- b. Sonar (type, range, frequencies)
- c. Other specialized equipment (acoustic positioning, echo-integration, seismic, etc.)
- d. Provision for "silent ship" operations

20. Auxiliary vessels

- a. Number
- b. Size
- c. Propulsion
- d. "Pocket" submersibles

III. RESEARCH FACILITIES ON BOARD

21. Winches

- a. Number
- b. Type
- c. Diameter and length of wire
- d. Lifting capacity (tons)
- e. Provision for conducting cable

22. Cranes
 - a. Number
 - b. Lifting capacity (tons/meter)
 - c. Extension outboard


23. Fishing equipment
 - a. Fishing winches (type and power)
 - b. Net handling equipment
 - c. Trawling capabilities
 - d. Other


24. Deck facilities
 - a. Number of hydrographic platforms
 - b. Deck working space (m2)
 - c. Special facilities
 - d. Space for container laboratories

25. Laboratories on Board
 - a. Number
 - b. Type (Wet or Dry)
 - c. Size
 - d. Available instrumentation
 - e. Specialized Units (Dark Rooms, Computer Unit, incubators, etc.)

26. Other facilities
 - a. Cold storage (Volume and temperature range)
 - b. Sea water supply to working areas and laboratories
 - c. Compressed air
 - d. Air conditioning and/or heating
 - e. Decompression chamber

MED POL

 UNITED NATIONS ENVIRONMENT PROGRAMME

 WORLD HEALTH ORGANIZATION

ASSESSMENT OF THE PRESENT STATE OF MICROBIAL
POLLUTION IN THE MEDITERRANEAN SEA
AND PROPOSED CONTROL MEASURES

MAP TECHNICAL REPORTS SERIES No 1

UNEP

Athens, 1985