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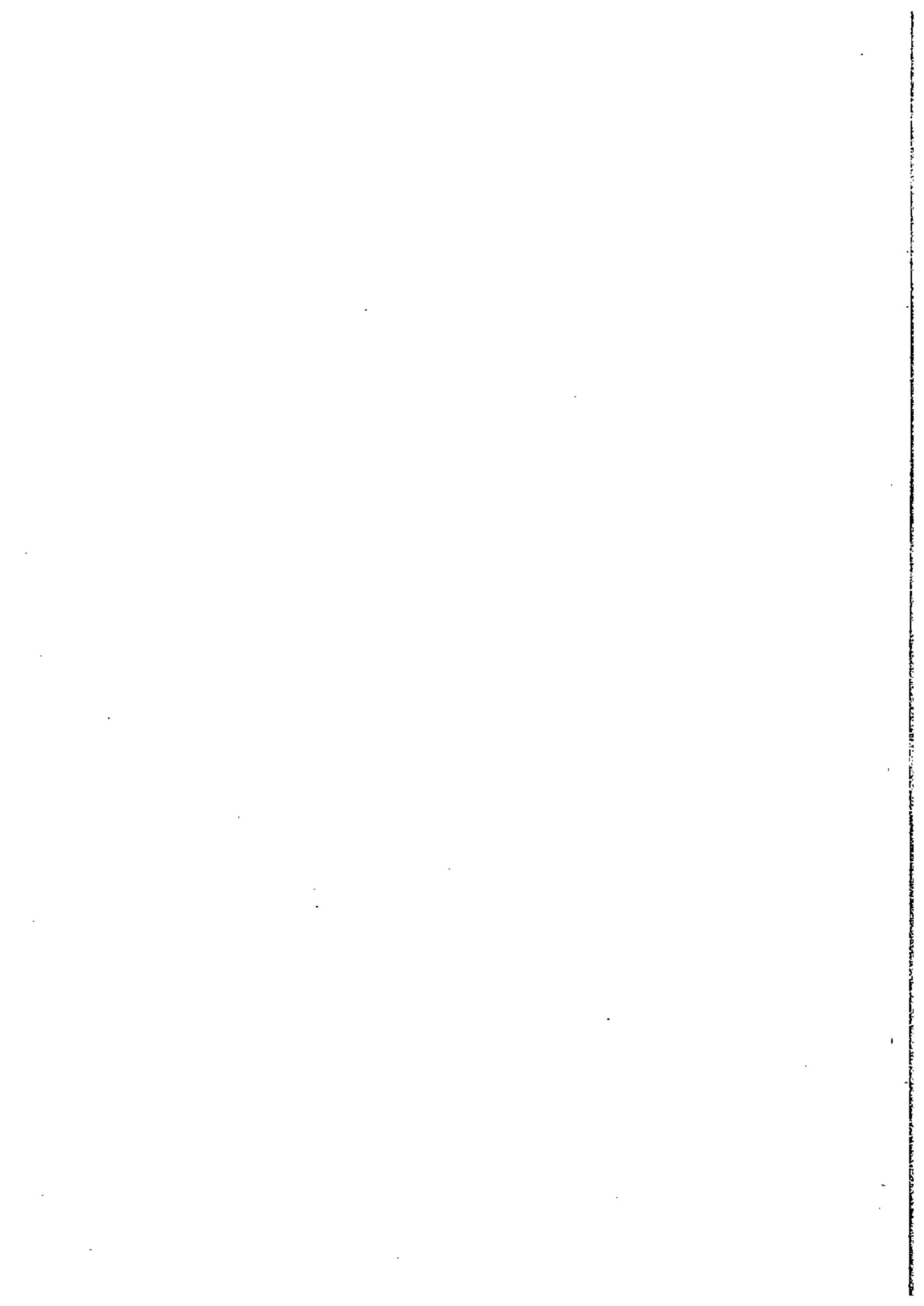
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6 April 1984

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Third Meeting of the
Co-ordinating Body on the
Seas of East Asia (COBSEA)

5-6 April 1984
Genting Highlands, Malaysia

REPORT OF THE
THIRD MEETING OF THE CO-ORDINATING BODY
ON THE SEAS OF EAST ASIA



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INTRODUCTION

1. The Intergovernmental Meeting on the East Asian Seas Action Plan, held in Bangkok, 9-11 December 1981 formed a Co-ordinating Body on the Seas of East Asia (COBSEA), to serve as the overall authority to determine the content of the Action Plan, to review its progress and to approve its programme of implementation through periodic meetings of Governments.
2. In accordance with this decision, the Third Meeting of the COBSEA was convened by the Executive Director of the United Nations Environment Programme (UNEP) in Genting Highlands, Malaysia on 5-6 April 1984.

ATTENDANCE

3. Representatives from Indonesia, Malaysia, Philippines, Singapore and Thailand attended. Observers from UNESCO, IOC, WHO/PEPAS, ASCOPE and the East-West Center were also present. A complete list of participants is contained in Annex I to this report.

AGENDA ITEM 1: OPENING OF THE MEETING

4. The Chief of the UNEP Fund Programme Management Branch, Mr. A. T. Brough, opened the meeting on behalf of the Executive Director of UNEP. He cited the accomplishments of the East Asian Seas (EAS) Action Plan and commended the business-like efficiency of the States in implementing the programme.

AGENDA ITEM 2: ORGANIZATION OF MEETING

2.1 Designation of Officers

5. Consistent with the procedures used by the ASEAN Experts Group on the Environment, i.e. that the Chairman, Vice-Chairman and Rapporteur of COBSEA would be designated on the same rotational basis, the bureau of the meeting was elected by acclamation as follows:

Chairman : Mr. S. T. Sundram (Malaysia)
Vice-Chairman : Mrs. Veronica Villavicencio (Philippines)
Rapporteur : Mrs. Kuan Kwee Jee (Singapore)

2.2 Adoption of Agenda

6. The meeting adopted the agenda contained in Annex II to this report.

7. The list of documents relevant to the agenda items and made available to the participants in the meeting is contained in Annex III of this report.

AGENDA ITEM 3: REPORT OF THE INTERIM CO-ORDINATOR OF COBSEA

8. Mr. H. Haeruman, the Interim Co-ordinator, presented a report of progress achieved in the implementation of the East Asian Seas Action Plan since the Second Meeting of COBSEA in Yogyakarta in March 1983 (UNEP/IG.52/3).

9. He reviewed briefly the various activities which have been undertaken under the auspices of on-going EAS projects during 1983/84. Notably he highlighted:

- (i) The "ASEAN/UNEP workshop on Standardization of Physical Oceanography, Methods and Data in the East Asian Seas Area" which took place in Phuket, Thailand, 19-26 July 1983.
- (ii) The regional technical meeting on Sources and Monitoring of Oil Pollution, held in Jakarta, Indonesia during 9-10 August 1983.
- (iii) The UNESCO/UNEP workshop/training course on Coral Taxonomy, held in Phuket, Thailand during 16-25 February 1984.
- (iv) The regional workshop on Oil and Oil-Dispersant Toxicity Testing held in Penang, Malaysia, 26 March-6 April 1984.

10. Mr. Haeruman also mentioned progress in the project on "The Assessment of Concentration Levels and Trends of Non-oil Pollutants and Their Effects on the Marine Environment of the East Asian Seas Region" since the first meeting of the project's participating institutes held in Quezon City in February 1983, as well as on the project on the "Development of National Co-ordinating Mechanisms for the Management and Establishment of a Regional Data Exchange System."

11. Mr. Haeruman pointed out that two projects, namely EAS 5.2 "Support Programme for Contingency Planning" and EAS 6.2 "Marine Sites for Dumping Hazardous Waste" had previously been deferred and suggested the COBSEA should consider their implementation during 1984-1985.

12. In closing, Mr. Haeruman referred to the usefulness of the COBSEA/UNEP mechanism for establishing a programme of marine pollution surveillance and control as well as its being a good way of harmonizing the interests, capabilities, and existing infrastructures of on-going national and international programmes. He closed by inviting assistance from international agencies such as ESCAP, FAO, UNESCO, IMO, IAEA, WHO, IOC and others to the implementation of the action plan.

AGENDA ITEM 4: REPORT OF THE EXECUTIVE DIRECTOR OF UNEP

13. Mr. D. Elder, on behalf of the UNEP Executive Director, referred to document UNEP/IG.52/4 and reviewed briefly the present situation concerning the timing of the implementation of the East Asian Seas Action Plan since its adoption in Manila in 1981. He pointed out that subsequent to this and the Second Intergovernmental Meeting in Bangkok in 1981 which established COBSEA, projects were formulated and agreed for implementation during the 1982/1983 biennium to coincide with EAS Trust Fund pledges and arrangements for the same period. Mr. Elder reminded the COBSEA that in practical terms, however, activities really began in 1983 and were therefore still under way in what is the second biennium period for COBSEA. Although there was this delay, he pointed out that in some ways the rephrasing of the programme activities might be considered beneficial, since pledges to the Trust Fund for the 1984-1985 period could only now be made and therefore the first allocations of these funds could be made early 1985 at the time of the Fourth COBSEA Meeting.

14. Mr. Elder emphasized that the most important work of the meeting was to reallocate the funds already available to cover activities expected in 1984 and to make specific pledges to the Trust Fund for the period 1984-1985. With respect to the reallocation of 1984 budgets, he pointed out that there were substantial amounts of unexpended funds during 1983 which, according to the rules of the Environment Fund, could not be carried into 1984. This situation he said made it difficult to secure increases in the UNEP Fund allocation for East Asian Seas, since funds previously allocated had been unused. He urged that this be taken into account during deliberations of existing projects.

15. Finally he reported that some activities requested of the secretariat, namely the publication of "Bibliography of the Environment: East Asian Seas" and a directory of marine science institutions of the East Asian Seas Region had been completed.

AGENDA ITEM 5: PROGRESS REPORTS ON APPROVED EAS PROJECTS BY
PROJECT CO-ORDINATORS

16. The representative of the Philippines presented a summary of the activities carried out under the project "Assessment of Concentration Levels and Trends of Non-Oil Pollutants and Their Effects on the Marine Environment in the East Asian Seas Region." Immediately after the second COBSEA Meeting, NEPC, together with WHO/PEPAS and UNEP, prepared a revised project document "Assessment of Land-Based Sources of Pollution in the East Asian Seas Region and of the Implications of Plausible Regional Pollution Control Scenarios in Future." The main activities of the revised project document included technical visits to countries, regional workshops, national workshop and final report.

17. An attempt was made to co-ordinate with IOC (WESTPAC) concerning the Training Workshop on Marine Pollution Monitoring in Australia. Unfortunately, no formal linkage had been possible. Consequently, the lead agency decided to hold a training workshop in the Philippines to cater to the needs of the project. The first workshop on trace metals will be held in May 1984. IAEA will provide a resource person and the South Pacific countries will be invited to attend. Reciprocal arrangements will be made when the South Pacific countries organize the second workshop on organochlorines.

18. The representative of the Philippines also presented a review of the progress on "Effects of Pollutants and Other Destructive Factors on Coral Reefs and Related Fisheries in the East Asian Seas Region." Five studies were undertaken and a Workshop/Training Course was held in Phuket in February 1984 in co-operation with UNESCO. A bibliography of literature on corals was being prepared. The representative of Malaysia presented a progress report of the activities carried out in Malaysia in relation to coral studies and research.

19. The representative of Thailand presented a review of the progress of projects EAS 1.1 and 1.2. "Observation of Maritime Meteorological Phenomena and their Influence on Water Movement" and "Study of Oceanographic Features with Emphasis on Hydrography, Water Masses, Water Circulation and their Effects upon Pollution Dispersion Patterns". A workshop on "Standardisation of Physical Oceanography Methods and Data" was held in Phuket in July 1983. During the workshop, standard methods for oceanography measurements were adopted together with formats for reporting and exchange of data.

20. As a result of further study, the representative informed the Meeting EAS 1.1 and 1.2 had been reformulated into three new proposals, namely "Observation of Maritime and their Influence on Water Movements",

"Study of Oceanographic Features with Emphasis on Hydrography, Water Masses, Water Circulation and their Effects upon Pollution Dispersion Patterns" and "Workshop on Marine Environmental Monitoring Instrumentation and Data Collection".

21. The summary of progress for the project EAS 2.2 "Co-operative Research on Oil and Oil Dispersant Toxicity" was presented by the representative of Malaysia. Due to logistic problems, the project was delayed in starting. The main activities were now initiated however. A regional workshop was held in Penang from 26 March to 6 April 1984 under the supervision of Dr. G. Thompson of the State Pollution Control Commission in Sydney, Australia. After the Workshop, participating countries were expected to conduct tests within their own laboratories and the data and knowledge gained will be exchanged at a second workshop in 2 years' time.

22. The Indonesian representative reported on the progress of project EAS 2.1 "Survey of Sources and Monitoring of Oil Pollution". A Technical Workshop was held in Jakarta in August 1983 to discuss methods of analysis and intercalibration studies for oil contaminants and to identify study sites, on the basis of a previous survey conducted by LEMIGAS of Indonesia. Following the Workshop, an action plan was drawn up for implementation in 1984/85.

23. The representative of Singapore informed the Meeting that since UNEP will be organizing a workshop on management of hazardous waste in late 1984, Singapore proposed that the project EAS 6.1 "Dumping of Hazardous Wastes", be deferred till the findings of the seminar were made available. The findings of the seminar will form an important input into the project EAS 6.2.

24. The representative of Indonesia reported that for Project EAS 7.1, "Information and Data Exchange" a Manual on procedures for reporting and exchange of oceanographic data had been compiled and produced. In addition preparation of a Directory of marine scientists, was under way and that Thailand and Indonesia had submitted their completed questionnaires to the lead country; Indonesia and remaining countries would do so soon.

AGENDA ITEM 6: ASSISTANCE OF INTERNATIONAL ORGANIZATIONS TO THE EAST ASIAN SEAS ACTION PLAN

25. Mr. D. Elder of UNEP informed the Meeting of the "ESCAP Regional Technical Workshop on the Protection of the Marine Environment and Related Ecosystems" held in February 1984 at the Asian Institute of Technology in Thailand. He also referred to IAEA's willingness to collaborate with COBSEA by providing a resource person for the Philippine Workshop on trace metals. FAO had indicated interest in collaborating with COBSEA in oil dispersion studies and coral reef research and management. IMO in their

communication to UNEP pointed out the work done by the organization in drawing up the Contingency Plan for the Straits of Malacca, together with the Governments of Indonesia, Malaysia and Singapore. IMO is now working with Indonesia, Philippines and Malaysia on a Contingency Plan for the Celebes Sea area. IMO has also indicated that the Organization will be able to provide consultants and staff to COBSEA member countries that need assistance concerning the implications of becoming parties to the London Dumping Convention and other IMO conventions.

26. The representative of the Environment and Policy Institute (EAPI) of the East-West Center stated that his Institute had undertaken several projects which are of direct relevance to the East Asian Seas Programme. In particular he referred to the Atlas for Marine Policy in Southeast Asian Seas and four other publications of EAPI.

27. The representative of UNESCO/IOC drew the Meeting's attention to two successful UNESCO/UNEP coral reef workshops which were held in Phuket, Thailand in December 1982 and February 1984. Further co-operation between UNEP and IOC in pollution monitoring programmes should be possible, in view of their co-operative agreement regarding programme activities made at Geneva in January 1984. He stated that there was need to establish a close collaborative framework in the general field of intercalibration to avoid duplication.

28. In this connection, the UNESCO/IOC representative explained that the 6th session of IOC's Group of Experts on Methods, Standards and Intercalibration (GEMSI) will be held at the Phuket Marine Biological Center, Thailand and scientists from COBSEA member countries could participate in the discussions. As part of UNESCO's major regional project on coastal systems (COMAR), COBSEA may be interested in knowing that a workshop/training course on long-term and short-term assessment methodologies for evaluating the impact of human activities on coral reefs is planned for implementation with Diponegoro University and Lembaga Oseanologi Nasional in Indonesia in 1985.

29. The UNESCO/IOC representative indicated that IOC is willing to co-operate in principle with the COBSEA workshop on non-oil pollutants in the Philippines. This activity would be seen as a follow-up to the Queenscliff workshop and should focus on analysis of trace metals in biota and sediments. A resource person might be provided by IOC for the Meeting. IOC also intends to convene a WESTPAC workshop on organochlorine pollutants in Australia in 1984. GEMSI has an ad hoc working group on hydrocarbon analyses and the findings will be made available to COBSEA. A WESTPAC Task Team on Marine Pollution Research and Monitoring in the Western Pacific is being formed and one of its tasks will be to co-operate with COBSEA on marine pollution matters.

30. The representative of the Asean Council on Petroleum (ASCOPE) presented the environment and safety related activities in petroleum operations of his Organization and pointed to the many areas in which COBSEA could collaborate with ASCOPE, for example, in the field of Exchange of Environmental Information and Data; Oceanography; ASCOPE's Plan for the Control and Mitigation of Oil Spill, and the legal instruments in Peaceful Settlement for Damage Claims and Compensation of Transfrontier Oil Spills. He also highlighted the various environment and safety related conferences, seminars and other activities which had and are currently being organized by ASCOPE and/or jointly with other institutions, namely, with UN-CCOP, East-West Center Environment and Policy Institute, E & P Forum and NECOR of Norway. Finally, the representative of ASCOPE expressed his Organization's intention to collaborate with UNEP/COBSEA and looked forward to participate actively in the East Asian Seas Programme.

31. The representative from WHO (PEPAS) said that his organization has been collaborating with the Regional Seas Programme Activity Centre of UNEP and NEPC of the Philippines in preparing the draft project proposal entitled "Assesment of Land-based Sources of Pollution in East Asian Seas Region and of the Implications of Plausible Regional Pollution Control Scenarios in the Future". The major thrust of the proposed project is to provide the basis for determining the relationship between the land-based sources of pollution and the extent of the pollution load reaching the marine environment in the Region by identifying and making use of already existing analytical methods. All activities would be undertaken in collaboration with the participating countries. WHO (PEPAS) is interested in, and available for, undertaking the proposed collaborative project as well as other projects related to the control of land-based sources of pollution and the protection of the coastal marine environment of the region from such sources.

AGENDA ITEM 7: REVIEW AND DECISIONS CONCERNING FINANCIAL CONTRIBUTIONS FOR 1984/85

32. The meeting considered the level of pledges to be made to the Trust Fund for the two years of the biennium 1984-1985. Indonesia, Malaysia and Thailand stated that their governments were prepared to contribute to the Trust Fund at the 1982-1983 level plus ten per cent on condition that all governments were prepared to contribute at the higher level. It was also stated by the same governments that their proposal to contribute at higher level was contingent on the Environment Fund at least matching this increase. There was a consensus that other UN organizations be strongly urged to make more of a commitment towards implementation of the EAS action plan through their own programmes and in co-ordination with each other.

33. Two other delegations, Philippines and Singapore, stated that although their governments had not authorized them to make a pledge at the higher level they were prepared to go back to their authorities to seek their concurrence for an increase of 10 per cent.

34. The representative of UNEP stated that the Environment Fund would continue to match the contributions to the Trust Fund for the action plan during 1984-1985.

35. The meeting decided that in view of the fact that two governments could not then undertake to contribute in 1984-1985 at a higher level, pledges for those years should be recorded as being at the same level in each year as for 1983 but that efforts should be continued to persuade all governments to contribute at the proposed higher level.

36. With regard to the contribution of the Environment Fund, one delegate stated that it was a matter of the deepest concern that after the Governing Council of UNEP had decided that first priority should be given to the Regional Seas Programme, UNEP had cut the allocation to that budget by some 40 per cent because of its shortfall in resources. He felt that the level of the original programme presented to the Governing Council should have been maintained in spite of that shortfall, particularly since the East Asian Seas Action Plan was still in an early stage of implementation.

37. The meeting proceeded to consider the allocations to projects during 1984-1985 in the light of the resources already available in the Trust Fund and the expected imminent payment of the single outstanding contribution for 1983. Taking into account the slippage in activities and expenditure in 1983, the provisional allocations below were agreed for on-going projects. It was understood that on average 20 per cent would have to be phased into 1985 mainly for financial reasons but also because some activities could be reasonably expected to be uncompleted in 1984.

Project Allocations 1984-1985

| | <u>U.S. Dollars</u> | |
|---------------|---------------------|-------------------------|
| | <u>Trust Fund</u> | <u>Environment Fund</u> |
| FP/0503-82-15 | 13,532 | 13,532 |
| FP/0503-82-16 | 19,680 | 30,820 |
| FP/0503-82-17 | 25,750 | 25,750 |
| FP/0503-82-18 | 31,000 | 31,000 |
| FP/0503-82-19 | 30,387 | 30,387 |
| | <hr/> | <hr/> |
| Total | 120,349 | 131,489 |
| | ===== | ===== |

38. It was noted that the proposed contributions from the Environment Fund excluded those to the internal project FP/0503-82-05 with an approved commitment in 1984 of \$23,880.

39. It was agreed that the Secretariat would revise the projects in consultation with the individual project co-ordinators as soon as possible.

AGENDA ITEM 8: OTHER BUSINESS

40. The meeting considered other items of business as follows:

8.1 Priorities for Future Activities

41. The Meeting appointed a small group led by Mr. A. Maheswaran of Malaysia with the UNEP Regional Director in attendance to list projects that required funding in the biennium 1984/85. The list of projects was divided into two categories; the first arising from on-going projects and deferred projects, and the second new projects. The list is presented in Annex IV. Total cost of projects in the first category amounted to US\$494,024. Of the deferred projects, two had already been approved for implementation during 1984/85, i.e. 5.2 on Contingency Plans and 6.2 on Marine Site for Hazardous Waste Dumping. New projects were costed at US\$336,360.

42. The representatives of Indonesia and Thailand reported that there were some activities in on-going projects which had not been started, e.g. Mangrove ecosystems, and proposed that these be included in the new projects. Of deferred projects, the Training Programme for Oil Pollution Control and Regional Advisory Services on Oil Pollution Control, should receive priority considering ASCOPE's interest in collaborating with COBSEA. For the project on land-based sources of pollution, the Thai representative proposed that the Meeting request the assistance from WHO (PEPAS) for consultancy services.

43. The representative of Singapore felt that in view of the proposed workshop on hazardous waste management to be organized by UNEP and the tight funding situation, the project on Marine Sites for Dumping of Hazardous Wastes should be deferred until the findings of the workshop were available. The Malaysian representative pointed out his Government's concern that this project should not be deferred. The Indonesian representative shared this concern and felt that UNEP's regional office could play a co-ordinating and catalytic role in the follow-up to the workshop. The Singapore representative informed the Meeting that he had discussed with UNEP possible assistance from IMO concerning the legal implications of IMO conventions related to this project, and that UNEP indicated IMO responded positively. The meeting endorsed the suggestion that Singapore request such assistance from IMO.

44. The UNEP Regional Director proposed that besides the UNEP Environment Fund and the Trust Fund, COBSEA should consider other sources like UNDP, EEC-ASEAN and Australian/ASEAN Co-operative Programmes. Budgets allocated for these Co-operative Programmes are not fully used every year. A fourth source of funds is US-AID and the organization is looking for projects to fund.

45. The Malaysian representative pointed that his country had already been tapping these sources of funds on a bilateral basis. He suggested that WHO/PEPAS assist COBSEA to prepare project papers acceptable to these organizations.

46. The Philippine representative proposed that the meeting should decide which projects required ASEAN-Third Party funding and submit these project proposals through the ASEAN experts Group on the Environment for third country funding. COBSEA could seek UNEP's assistance to secure funds that are not tied to ASEAN-Third Party Funds for the other projects as well as to prepare the project proposals.

47. The Meeting requested UNEP's assistance to develop projects in Annex IV and to formulate proposals for third party funding. In this connection, the Meeting noted that the implementation of the Action Plan had been badly hampered due to lack of funds, and in view of the encouraging remarks of availability of untapped resources, mentioned in paragraph 44, the Meeting urged UNEP to make an all-out effort to assist COBSEA to secure the funding needed to implement these priority projects.

8.2 Membership of COBSEA

48. Taking note of the fact that Brunei Darussalam has become a member of the United Nations as well as the Association of South East Asian Nations, the COBSEA requests that the Secretariat explore with that Government their interest in joining COBSEA and taking part in the East Asian Seas Action Plan.

8.3 GESAMP Working Group on the Methodology and Guidelines for the Assessment of the Impact of Pollutants on the Marine Environment

49. The Meeting took note of the decision of the UN Group of Experts on the Scientific Aspects of Marine Pollution (GESAMP) to establish a working group on the Methodology and Guidelines for the Assessment of the Impact of Pollutants on the Marine Environment with terms of reference that include formulating guidelines for EIA on the basis of case studies, particularly in developing countries. The suggestion that one of these case studies be conducted in the East Asian Seas Region, perhaps in Thailand, received the general support of the meeting.

8.4 Assistance from the East-West Center

50. Mr. Joseph Morgan referred to on-going and planned activities of the action plan and indicated the possibility of the Environment and Policy Institute of the East-West Center analyzing its future activities with a view to providing data and information that would supplement or satisfy the requirements of the EAS Action Plan. The meeting warmly welcomed this suggestion and requested the Secretariat to initiate consultations with the East-West Center for this purpose.

8.5 COBSEA IV

51. The representative of the Philippines invited COBSEA to hold its Fourth Meeting in the Philippines in conjunction with the Eighth Meeting of the ASEAN Expert Group on the Environment tentatively scheduled for April 1985.

AGENDA ITEM 9: ADOPTION OF THE REPORT

52. After reviewing its content and Annexes, the meeting unanimously adopted this report.

AGENDA ITEM 10: CLOSURE OF THE MEETING

53. The representative of Indonesia expressed thanks to the Government of Malaysia on behalf of the meeting for their hosting of the meeting and for providing excellent facilities. The UNEP Director and Regional Representative reiterated these thoughts and expressed UNEP's intent to vigorously support the continued implementation of the East Asian Seas Action Plan.

54. The meeting was formally closed by the Chairman at 1300 hours on 6 April 1984.

ANNEX I

THIRD MEETING OF THE CO-ORDINATING BODY
ON THE SEAS OF EAST ASIA (COBSEA)
Genting Highlands, Malaysia
5-6 April 1984

LIST OF PARTICIPANTS

| Country | Name | Designation |
|------------------|-------------------------|---|
| <u>DELEGATES</u> | | |
| INDONESIA | 1. Haeruman, Dr. Herman | Assistant Minister Ministry of State for Population & Environment Jakarta |
| | 2. Uktolseya, Mr. Henk | Senior Official Ministry of State for Population & Environment Jakarta |
| | 3. Bilal, Mr. Jaspar | Project EAS 2.1 Co-ordinator Oil and Gas Technology Development Centre "LEMIGAS" Jakarta |
| MALAYSIA | 4. Sundram, Mr. S.T. | Director General of Environment Dept. of Environment Ministry of Science, Technology and the Environment Kuala Lumpur |
| | 5. Fong Chit Ying, Mr. | Principal Assistant Secretary Ministry of Science, Technology and the Environment Kuala Lumpur |

- | | | |
|-------------|-----------------------------------|--|
| | 6. Maheswaran, Mr. A. | Director Water Pollution Control Ministry of Science, Technology and the Environment Kuala Lumpur |
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| | 11. Kuan Kwee Jee, Mrs. | Administrative Officer Ministry of the Environment Singapore |
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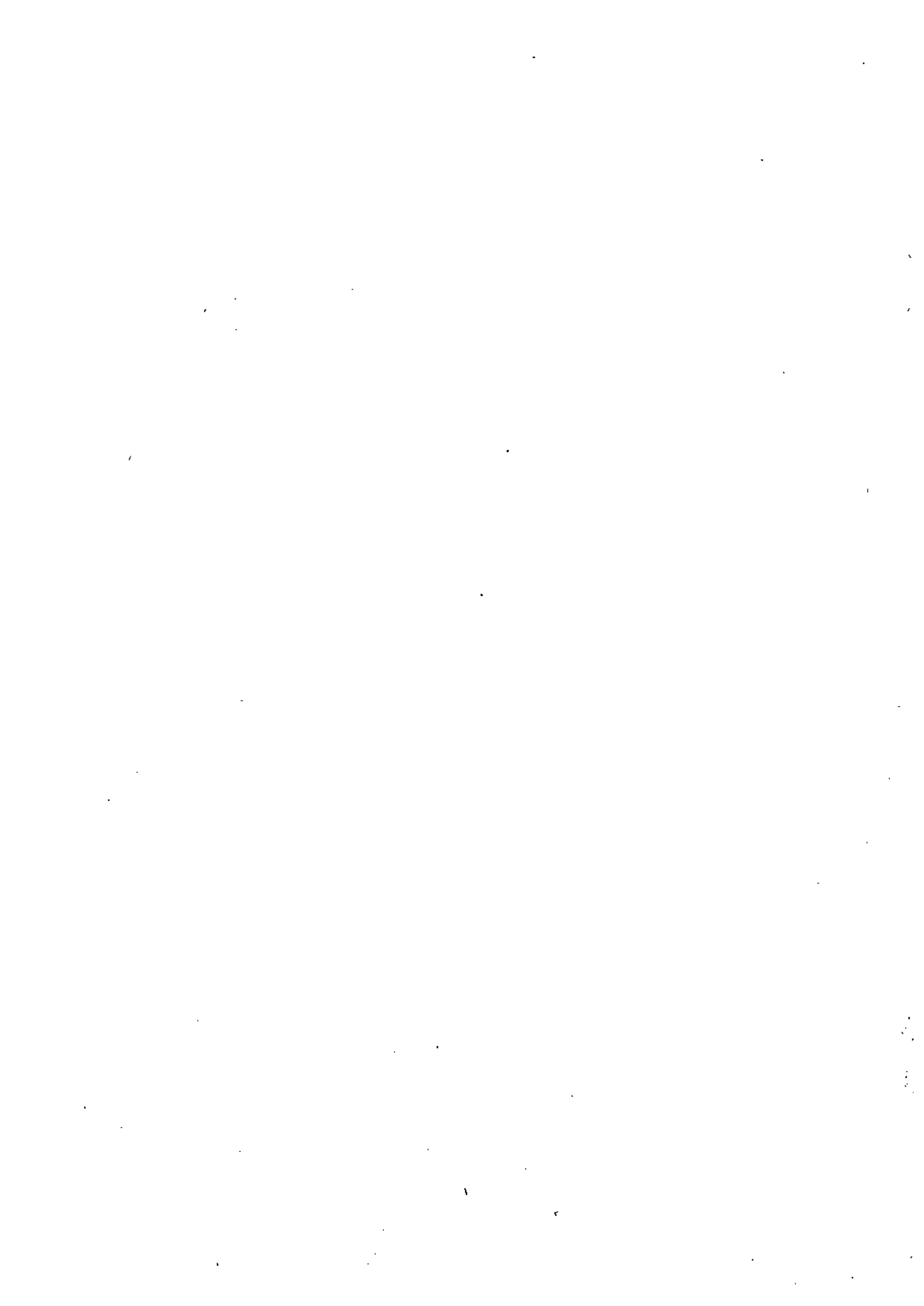
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ANNEX II

AGENDA

1. Opening of meeting
2. Organization of meeting
 - 2.1 Designation of officers
 - 2.2 Adoption of the agenda
3. Report of the Chairman of COBSEA
4. Report of the Executive Director
5. Progress reports on approved EAS projects
6. Assistance of International Organizations to the East Asian Seas Action Plan
7. Review and decision concerning financial contributions for 1984/5
8. Other business
9. Adoption of Report
10. Closure of the meeting



ANNEX III

LIST OF DOCUMENTS

(1) Working Documents

- UNEP/IG.52/1 Agenda
- UNEP/IG.52/2 Annotated Agenda
- UNEP/IG.52/3 Report of the Chairman of COBSEA on Implementation of the East Asian Seas Action Plan 1983-1984
- UNEP/IG.52/4 Report of the Executive Director of UNEP on the Implementation of the East Asian Seas Action Plan in 1983-1984
- UNEP/IG.52/5 Review of Project "Assessment of Concentration Levels and Trends of Non-Oil Pollutants and Their Effects on the Marine Environment in the East Asian Seas Region" (Philippines, FP/0503-82-19) and proposals for new activities and budget for 1984
- UNEP/IG.52/6 Review of Project "Study of Coral Resources and the Effects of Pollutants and Other Destructive Factors on Coral Communities and Related Fisheries in the East Asian Seas Region" (Philippines, FP/0503-82-16) and proposals for new activities and budget for 1984
- UNEP/IG.52/7 Review of Project "Study of the Maritime Meteorological Phenomena and Oceanographic Features of the East Asian Seas Region" (Thailand, FP/0503-82-17) and proposals for new activities and budget for 1984
- UNEP/IG.52/8 Review of Project "Co-operative Research on Oil and Oil Dispersant Toxicity in the East Asian Seas Region" (Malaysia, FP/0503-82-15) and proposals for new activities and budget for 1984
- UNEP/IG.52/9 Review of Project "Survey and Monitoring of Oil Pollution and Development of National Co-ordinating Mechanisms for the Management and Establishment of a Regional Data Exchange System (Indonesia, FP/0503-82-18) and proposals for new activities and budget for 1984
- UNEP/IG.52/10 Report of the Meeting

(2) Information Documents

| | |
|-----------------------|--|
| UNEP/IG.52/INF.1 | List of Documents |
| UNEP/IG.52/INF.2 | List of Participants |
| UNEP/IG.52/INF.3 | Report of the Regional Technical Meeting of the Co-ordinating Body on the Seas of East Asia (Jakarta, 9-10 August 1983) |
| UNEP/IG.26/6 | Report of the Meeting of the Intergovernmental Meeting on the Protection and Development of the Marine Environment and Coastal Areas of the East Asian Region (Manila, 27-29 April 1981) |
| UNEP/IG.31/6 | Report of the Intergovernmental Meeting on the East Asian Seas Action Plan (Bangkok, 9-11 December 1981) |
| UNEP/IG.37/10 | Report of the First Meeting of the Co-ordinating Body on the Seas of East Asia (Bangkok, 3 April 1982) |
| UNEP/IG.44/11 | Report of the Second Meeting of the Co-ordinating Body on the Seas of East Asia (Yogyakarta, 25-26 March 1983) |
| UNEP/IG.52/INF.ASCOPE | ASCOPE Co-operation in Environmental Protection, Pollution Control and Safety of Petroleum Operations |
| UNEP/IG.52/INF/EAPI.1 | Information Document submitted by the East-West Center, Environment and Policy Institute |
| UNEP/IG.52/INF/EAPI.2 | Marine Regions and Regionalism in South East Asia |

ANNEX IV

PRIORITY PROJECTS FOR FUTURE ACTIVITIES

I. Approved projects:

| | | |
|-----|--|-----------|
| 1. | Oceanography (EAS 1.1 and 1.2) | \$164,500 |
| 2.1 | Survey of sources and monitoring oil pollution | 47,000 |
| 2.2 | Co-operative research on oil and oil dispersant toxicity | 8,500 |
| 3. | Assessment of Non-Oil Pollutants (EAS 3.2 and 3.3) | 45,524 |
| 4. | Mangrove and Coral Ecosystems (corals only) | 38,500 |
| 7. | Information and Data Exchange | 30,000 |
| 5.2 | Support programme for contingency planning | 80,000 * |
| 6.2 | Marine sites for dumping of hazardous wastes | 80,000 ** |
| | | <hr/> |
| | Sub-total | \$494,024 |
| | | <hr/> |

II. New Projects:

| | | |
|-----|--|-----------|
| 3.4 | Land-based sources of pollution (extension of EAS 3.1) | \$ 45,360 |
| 5.1 | Training programme for oil pollution control | 80,000 |
| 5.3 | Operational pollution from ships | 80,000 |
| 5.4 | Regional advisory services on oil pollution control | 80,000 |
| 6.1 | Waste discharges into coastal waters | 41,000 |
| 4. | Mangrove and Coral Ecosystems (mangrove component) | 40,000 |
| | | <hr/> |
| | Sub-total | \$366,360 |
| | | <hr/> |
| | Grand total | \$860,384 |
| | | ===== |

* Implementation deferred to 1985

** Implementation subject to review in the light of the outcome of workshop on hazardous wastes management and advice on legal implications

