

# BALTIC SEA ENVIRONMENT PROCEEDINGS

No. 13

## ACTIVITIES OF THE COMMISSION 1983

Including the Fifth Meeting of the  
Commission held in Helsinki 13-16 March  
1984



BALTIC SEA **ENVIRONMENT PROCEEDINGS**

**No. 13**

**ACTIVITIES OF THE COMMISSION  
1983**

Report of the activities of the Baltic Marine  
Environment Protection Commission during 1983  
including the Fifth Meeting of the Commission held  
in Helsinki 13-16 March 1984

HELCOM Recommendations passed during 1983 and 1984

BALTIC MARINE ENVIRONMENT PROTECTION COMMISSION  
— HELSINKI COMMISSION —



REPORT ON THE ACTIVITIES OF THE COMMISSION DURING  
1983 INCLUDING THE FIFTH MEETING OF THE COMMISSION  
HELD IN HELSINKI 13-16 MARCH 1984

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REPORT ON THE ACTIVITIES OF THE COMMISSION DURING 1983  
INCLUDING THE FIFTH MEETING OF THE COMMISSION HELD IN  
HELSINKI 13-16 MARCH 1984

The activities of the Helsinki Commission since the fourth meeting held in Helsinki, 1-3 February, 1983, were to a great extent linked with the preparations of the Review Meeting in 1984 held at ministerial level to commemorate the ten years elapsed since the signing of the Helsinki Convention. The joint activities of the Commission have been described in two publications of the Commission addressed to the professionals in the field of environmental protection and international law and to the public at large. The Contracting Parties have summarised their national implementation of the Helsinki Convention. A Medium-Term Plan for the activities of the Commission has also been elaborated.

Detailed information on the progress made in the different substantive activities within the framework of the Baltic Marine Environment Protection Commission with special emphasis on the implementation of the decisions taken by the Commission is also included in the subsequent sections of this report.

#### 1. Meetings of the Commission

The Fifth Meeting of the Helsinki Commission was held in Helsinki from 13 to 16 March, 1984, at ministerial level to commemorate the tenth anniversary of the signing of the Helsinki Convention and to review its implementation. The Review Meeting was attended by all the Contracting Parties to the Helsinki Convention. In addition, eight international organizations were represented by observers (cf. HELCOM 5/16, Annex 2). The meeting was chaired by the Chairman of the Commission, Mr. Hubertus Lindner.

In his welcoming address to the Review Meeting Dr. Mauno Koivisto, President of the Republic of Finland stated, inter alia: "The Helsinki Convention is unique and innovative being

the first international convention to take into account all sources of pollution affecting the marine environment. The Baltic Sea can be seen as a testing ground where the success or failure of the Baltic Sea States is being observed closely by the rest of the world.... It is my sincere hope that also in the future the Baltic will stand as a symbol of peaceful co-operation in matters vital to the peoples living around it. I trust that the present meeting will contribute to this goal".

The Heads of Delegations of the Contracting Parties made general statements and national statements on the implementation of the Helsinki Convention. The national statements are published as a separate volume of the Baltic Sea Environment Proceedings (No. 10) entitled "Ten Years after the Signing of the Helsinki Convention".

The following of the observer organizations also made statements: International Baltic Sea Fishery Commission, International Council for the Exploration of the Sea, International Maritime Organization, Nordic Council, Nordic Council of Ministers, Oslo and Paris Commissions, United Nations Economic Commission for Europe and United Nations Environment Programme.

The Commission adopted HELCOM Resolution 5/A concerning the Medium-Term Plan for the Activities of the Helsinki Commission as given on pages 27-29. The main aims of the Medium-Term Plan are to obtain a rational base for appropriate measures for environmental protection of the Baltic Sea, intensification of practical measures to reduce land-based pollution, reduction and prevention of pollution from ships, and strengthening of national and joint combatting potential in the Baltic Sea Area.

The Commission adopted four HELCOM Recommendations as given on pages 30-37. The first recommendation relates to the limitation of oil in stormwater systems; the second recommendation concerns restriction of oil discharges from refineries. The third HELCOM Recommendation gives guidelines for the calculation of the total costs which should be paid by the requesting country to the assisting country or countries in joint combatting operations.

HELCOM Recommendation 5/4 is an amendment to Regulation 5 of Annex IV of the Helsinki Convention. While adopting the recommendation for postponement of the validation of Regulation 5 of Annex IV, the Commission stressed the utmost importance of solving the remaining outstanding technical problems which are dealt with by IMO in time for final consideration at the sixth meeting of the Helsinki Commission. The Commission further stressed that the entry into force on 1 January, 1986, would be the latest date and a further postponement of the Regulation could not be taken into account.

The budget for the fiscal period 1984-1985 is of the order of FIM 2.3 million.

The Commission appointed Professor Harald Velner Executive Secretary of the Commission for a term of office from 1 July 1984 to 30 June 1987. The Commission further approved the appointment of Ms. Terttu Melvasalo as Scientific Secretary of the Commission as of 18 August 1984.

Since the chairmanship of the Commission is given to each of the Contracting Parties in turn, the Federal Republic of Germany informed the Commission that Dr. Peter Ehlers and Dr. Hans Moebs had been nominated Chairman and Vice-Chairman, respectively, for the next two-year period beginning 1 July 1984.

When considering the report of the tenth meeting of the Scientific-Technological Committee the Commission took note of, inter alia, the progress made in issuing the guidelines for the Baltic Monitoring Programme and in the preparations for the periodic assessment. The Commission also took note of the preparation by the Lead Countries for diminishing the discharges of harmful substances from land-based sources and the preparations related to evaluation of the pollution load on the Baltic Sea. The Contracting Parties were encouraged to continue the organization of seminars related to the progress in water protection measures and also to participate in the international intercalibration activities related to the Baltic Monitoring Programme. The proposals regarding the evaluation of airborne pollution of the Baltic Sea and the monitoring of the effects of oil pollution related to incidents were also endorsed by the Commission.

In considering the report of the ninth meeting of the Maritime Committee the Commission took note of, inter alia, the preliminary calculations on the oil input from normal operations of ships and requested the Contracting Parties to comment on the assumptions and calculations used in the study. Furthermore, the Commission took note of the ongoing work relating to the abatement of harmful effects on the marine environment from pleasure craft activities and requested the Contracting Parties to submit additional information on national provisions relating to such craft.

The Commission held the view that the ratification of the optional annexes to MARPOL 73/78 were of importance for early world-wide implementation and governments which have chosen not to accept those annexes were urged to do so. Governments whose countries had not yet become parties to MARPOL 73/78 were invited to accept also these annexes when becoming parties to that Convention.

When considering the report of the seventh meeting of the Expert Group on Co-operation in Combatting Matters the Commission endorsed the view of the Expert Group that HELCOM Recommendation 1/8 on minimization of, inter alia, the use of dispersants in oil combatting operations should not discourage the Contracting Parties from studying the effects on the marine environment by the use of dispersants in combatting spillages of oil. The Commission further emphasized to the Contracting Parties that allocation of funds for the development of national ability to combat spillages of oil would be a prerequisite for the fulfilment of the time schedule adopted by the Commission at its first meeting (HELCOM Recommendation 1/17).

The Commission also requested the Contracting Parties to submit national summaries of spillages with statistics on the number of reported spillages, the number of verified spillages, the number of actions taken, and information on the national maritime chemical trade patterns.

When considering the report of the first meeting of the informal workshop on development of rules concerning responsibility for

damage resulting from acts or omissions in contravention of the Convention the Commission took note of the subject areas related to liability and compensation in the field of marine pollution which had been established by the workshop as a basis for its further work. The Commission held the view that it was of importance that all Contracting Parties acceded to the 1971 Fund Convention. The Commission further requested the Contracting Parties and the Secretariat to provide the workshop with information on vessel-based oil pollution incidents which had led to application of liability procedures as well as information on the national chemical trade patterns.

## 2. Meetings of the subsidiary bodies

### 2.1 Scientific-Technological Committee (STC)

The tenth meeting of the Scientific-Technological Committee was held at Mariehamn, Finland, 24-28 October 1983. The Delegations from all the Contracting Parties and Observers of the International Council for the Exploration of the Sea (ICES) and the World Health Organization, Regional Office for Europe (WHO/EURO) attended the meeting.

Mr. Lars Thorell of Sweden and Professor Harald Velner of the Union of Soviet Socialist Republics acted as Chairman and Vice-Chairman of the Committee, respectively.

As an outset to the meeting the Contracting Parties and the Observer organizations reported to the Committee on their scientific, legal and administrative measures as well as bilateral co-operation as regards the goals of the Convention, especially those related to the mandate of the Committee. Furthermore, the Contracting Parties reported on the outcome of the seminars hosted by them. These seminars dealt with the topics related to the progress made in water protection measures and agricultural utilisation of wastes.

The Committee discussed matters related to the Baltic Monitoring Programme (BMP) and finalised the text for the guidelines for the BMP for the second stage. Co-ordination of the BMP cruises and some difficulties involved in the data exchange were also discussed.

The Committee also considered steps to be taken for assessment of the state of the marine environment of the Baltic Sea Area on the basis of the third meeting of the *ad hoc* Group of Experts on the Assessment of the State of the Marine Environment of the Baltic Sea (GEA) held in Copenhagen, 26-27 May 1983. The Committee endorsed the plans to carry out the first periodic assessment on the basis of recent scientific background material to be compiled in the nearest future. The general conclusions which form the first periodic assessment proper should comprise 20-30 pages and be published in the Baltic Sea Environment Proceedings in due course. To fulfill the obligations of Articles 5 and 6 of the Convention, the development of criteria and standards for substances of the highest priority has been continued on the basis of the outcome of the *ad hoc* Working Group on Criteria and Standards for Discharges of Harmful Substances (WGS). The sixth meeting of the WGS was held in Neubrandenburg, the German Democratic Republic, 30 May - 3 June 1983. The Committee recommended that as a definition for the term 'large capacitors' mentioned in HELCOM Recommendation 3/1 regarding the Limitation of the Use of PCB's the following would be adopted on an interim basis: "Large capacitors are the capacitors of the total weight of 1 kg or more." The Committee further decided that the definition should be discussed at the seventh meeting of the *ad hoc* Working Group on Criteria and Standards for Discharges of Harmful Substances into the Baltic Sea Area (WGS) on the basis of a proposal submitted by Finland and invited the other Contracting Parties to comment upon the Finnish proposal before the meeting of the WGS.

The Committee elaborated two draft HELCOM Recommendations for adoption by the Commission concerning limitation of oil in stormwater systems and discharges from new oil refineries. The Committee commenced consideration of matters related to diminishing discharges of nutrients and planning of future activities aiming at diminishing discharges of harmful substances from land-based sources.

Evaluation of pollution load on the Baltic Sea by substances of the highest priority and the possible publishing of the results were discussed. Special emphasis was given to the pollution load

due to atmospheric transport and deposition processes. The Committee endorsed the proposals based on the outcome of the Seminar on the Investigation of Airborne Pollution of the Baltic Sea held in Tallinn, USSR, 21-25 September 1983.

The Committee also reviewed the current activities regarding the Baltic Marine Environment Bibliography and decided on other measures to enhance the exchange of scientific and technological information.

## 2.2 Maritime Committee (MC)

The Maritime Committee held its ninth meeting in Helsinki, 22-25 November 1983, under the Chairmanship of Mr. Seppo Hildén of Finland. Mr. Rudolf Lammel of the German Democratic Republic was Vice-Chairman. Delegations from all the Contracting Parties attended the meeting.

The Committee dealt with matters related to reception facilities for oily residues, sewage and garbage, including, i.a., an outline proposal for a new edition of the booklet on reception facilities for oily residues to be issued in the financial year 1985-1986 which edition would also include information on reception facilities for noxious liquid substances, sewage and garbage. It was decided that comments on the outline proposal should be submitted intersessionally to the Secretariat and that an amended outline proposal should be submitted for consideration at the tenth meeting of the MC.

The Committee discussed technical implications of the Convention related to equipment and arrangements on board ships, and the Contracting Parties were requested to submit information on their national approval procedure for pollution prevention equipment, as well as information on experience gained relating to the issue of International Oil Pollution Prevention (IOPP) - Certificates, for further discussion at the next meeting of the MC.

Delegations reported on national measures relating to the abatement of harmful effects on the marine environment due to the use of pleasure craft. In order to enable a discussion of a possible establishment of common guidelines for discharges from pleasure craft to take place, Contracting Parties were requested to inform the Secretariat on national discharge provisions for pleasure craft and the total number of such craft.

The Committee had an extensive discussion on Regulation 5 of Annex IV on noxious liquid substances carried in bulk. It was generally accepted that the mandatory prewash scheme was a prerequisite for the effective implementation of Regulation 5. Several Delegations stated that certain practical difficulties would not allow the full implementation of Regulation 5 as of 1 July 1984, and the possibility of deferring the entry into force of that Regulation was discussed. Based on these discussions, the Committee agreed to recommend that the entry into force of the Regulation should be deferred until 1 January 1986 and prepared a draft HELCOM Recommendation to this effect. However, the Delegations of Sweden and Denmark reserved their positions in respect of these conclusions. The Committee stated that all Contracting Parties should indicate in writing to the Secretariat before 1 January 1984 whether their Delegations to the fifth meeting of the Commission would be prepared to adopt the amendment to Regulation 5.

Information was given by Delegations on progress relating to final treatment of chemical waste.

The Committee discussed matters related to safety of navigation and was informed on the adoption by IMO of a new traffic separation scheme in the Great Belt and on the results of national studies relating to measures to improve safety of navigation.

The Committee took note of recent experience from the BAREP-System and was informed that Denmark had offered to host the sixth meeting of the Group of Experts on a Traffic Information System (MC WGTI) in Copenhagen 22-24 May 1984.

A second draft of the regime in relation to Regulation 2 of Annex IV and Article 9 of the Helsinki Convention was preliminarily discussed by the Committee and the Contracting Parties were requested to submit comments on the document to the Secretariat in order to prepare an amended proposal for consideration at the tenth meeting of MC, taking into consideration also the IMO work on control procedures and reporting procedures under MARPOL 73/78.

The Committee considered the reports of the Expert Group on Co-operation in Combatting Matters and the Scientific-Technological Committee, and emphasized the importance of close co-operation between the subsidiary bodies of the Commission.

The Committee considered matters related to research and development, inter alia, the study on ship casualties in the Baltic Sea undertaken by the Technical University of Helsinki, and a progress report from the Secretariat on the oil input study relating to maritime transportation. The Committee approved the study on ship casualties for publication in the Baltic Sea Environment Proceedings, and it took note of the preliminary oil input figures in the oil input study. The Committee requested Contracting Parties to submit comments on the assumptions and calculations used in the oil input study in order to enable the Secretariat to submit a final version of the study to the tenth meeting of MC.

The Committee considered IMO documents adopted between the eighth and ninth meetings of the MC or in process of being adopted, which were of relevance to the work of the MC. When discussing the status of international conventions, the Committee emphasized the importance of the acceptance of optional Annexes III, IV and V to MARPOL 73/78 for their early world-wide implementation.

### 2.3 Expert Group on Co-operation in Combatting Matters (EGC)

The Expert Group on Co-operation in Combatting Matters held its seventh meeting in Kiel, 27-30 September 1983. Delegations from all the Contracting Parties attended the meeting. Dr. Ingomar

Joerss of the Federal Republic of Germany and Mr. Eugeniusz Kondracki of Poland were elected Chairman and Vice-Chairman of the meeting, respectively.

Information was given by the Delegations on recent spillages in the Baltic Sea Area of oil and other harmful substances and on national follow-up action in relation to spillages discussed during previous meetings. Delegations further informed on the status of their national contingency organizations and on any planned developments.

The Expert Group discussed initiated and planned national research and development programmes related to the mandate of the Group. Special attention was given to the standardisation of sampling and analysing methods as well as to intercalibration between laboratories undertaking analyses of oil samples. It **was** realized that evidence provided at the regional level relating to oil samples should be comparable.

The Expert Group received information on the activities within other regional combatting agreements from Delegations also parties to such agreements.

The Expert Group took note of the increased remote sensing surveillance activities in the Baltic Sea Area and noted further that such activities would be intensified within the coming years.

An amendment procedure for the Manual on Co-operation in Combatting Marine Pollution was decided upon as well as an exercise schedule and exercise instructions for the coming years' alarm exercises.

Items related to mutual assistance were discussed by the Expert Group and the Group agreed to decide on the possible use of a new common POLREP-format within the framework of the Copenhagen Agreement, the Bonn Agreement and the Helsinki Convention at its next meeting.

The Expert Group finalized guidelines for the calculation of the

total costs which should be paid by the requesting country to the assisting country or countries, and prepared a draft HELCOM Recommendation on this subject for consideration at the fifth meeting of the Commission.

It was realized that in the near future a need may arise to establish a HELCOM Recommendation on the national ability to deal with spillages of harmful substances other than oil similar to HELCOM Recommendation 1/7 concerning the national ability to deal with oil spills.

### 3. Implementation of the Commission's decisions

#### 3.1 Amendment of Annex I of the Convention

The Commission adopted at its fourth meeting HELCOM Recommendation 4/1 concerning amendment of Annex I of the Helsinki Convention. According to this Recommendation the list of hazardous substances should be amended by inserting a third group of substances, PCTs (polychlorinated terphenyls). The amendment was deemed to be accepted unless prior to July 1983 any one of the Contracting Parties had announced to the Depository Government before the expiration of the period that although it intends to accept the proposal the constitutional requirements for such an acceptance were not yet fulfilled in its state. Since none of the Contracting Parties had objected during the prolonged period, the amendment entered into force 1 March 1984. The Government of Finland as the Depository Government has informed the Contracting Parties as well as the Secretariat about this situation.

#### 3.2 Rules related to the implementation of Article 17 of the Convention

In accordance with the deliberations of the fourth meeting of the Commission the Government of Sweden convened an informal expert workshop on Article 17 of the Helsinki Convention. The expert workshop agreed that there is an interest to continue

work on an informal basis. Sweden undertook the duties of Lead Country. In the work the relevant activities in the global context should be taken into account.

#### 4. Administration

Following the alphabetical order of the rotation of the Contracting Party responsible for the chairmanship of the Commission the German Democratic Republic has nominated Mr. Hubertus Lindner and Mr. Klaus Winkel as Chairman and Vice-Chairman of the Commission, respectively, for the period 1982-1984.

The members of the Secretariat were Professor Aarno Voipio, Executive Secretary, Dr. Evgeny Borisov, Scientific Secretary and Commander Fleming Otzen, Maritime Secretary. The other personnel were Ms. Ritva Kostakow-Kämpe, Ms. Paula Lamio, Ms. Teija-Liisa Lehtinen and Mr. Tuomas Kuokkanen.

The distribution of costs is based on equal shares of the seven Contracting Parties. In addition, the Government of Finland has paid an extra contribution to cover the rent of the office, the communication and equipment expenses and a part of the salaries of the office staff. Owing to the kind co-operation by the Government of Finland, the office of the Secretariat has been able to get additional space enabling meetings of the small working groups and more efficient performance for the preparation and storage of meeting documents.

The distribution of expenses of the Commission during the financial period from 1 July 1982 to 30 June 1983 was approximately as follows:

|                      |                  |
|----------------------|------------------|
| Meetings             | 100 000          |
| Salaries             | 800 000          |
| Other Administration | 350 000          |
| Consultant Services  | 125 000          |
| Publications         | <u>75 000</u>    |
| FIM                  | <u>1 450 000</u> |
|                      | =====<br>=====   |

The Executive Secretary was Secretary General of the Commission meetings and conducted the work of the Secretariat. He has also visited the Soviet Union especially in order to observe the successful implementation of the cleaning of the beach area north of Klaipeda which was badly polluted by oil after the accident to GLOBE ASIMI at the end of 1982 (cf. **also Chapter 6**).

The Scientific Secretary made the necessary preparations and acted as Secretary General of the following meetings:

- the 7th meeting of the ad hoc Working Group on Criteria and Standards (WGS), Neubrandenburg, 30 May - 3 June 1983;
- the 3rd meeting of the ad hoc Group of Experts on Assessment (GEA), Copenhagen, 26-27 May 1983;
- the 10th meeting of the Scientific-Technological Committee (STC), Mariehamn, 24-28 October 1983.

He also acted as Secretary General of the Seminar on the Investigation of the Airborne Pollution of the Baltic Sea held in Tallinn, 21-25 September 1983.

The Scientific Secretary has also carried out tasks related to the implementation and follow-up of the decisions concerning matters in the scientific and technological fields (cf. also Chapter 6).

The Maritime Secretary made the necessary preparations and acted as Secretary General of the following meetings:

- the 4th meeting of the Group of Experts on the Application of Regulation 5 of Annex IV (MC EM CHEM), Helsinki, 13-15 September 1983;
- the 7th meeting of the Expert Group on Co-operation in Combating Matters (EGC), Kiel 27-30 September 1983;
- the 9th meeting of the Maritime Committee (MC), Helsinki 22-25 November 1983.

The Maritime Secretary has also carried out tasks related to the implementation and follow-up of the decisions concerning matters in the maritime field (cf. also Chapter 6).

5. Publications

In accordance with the decisions of the Commission the following volumes of the Baltic Sea Environment Proceedings have been published:

- No. 8 Activities of the Commission 1982, Including the Fourth Meeting of the Commission held in Helsinki 1-3 February 1983 (46 pp);
- No. 9 Second Biological Intercalibration Workshop, Marine Pollution Laboratory and Marine Division of the National Agency of Environmental Protection, Denmark, August 17-20, 1982, Rsnne, Denmark (95 pp);
- No. 10 Ten Years After the Signing of the Helsinki Convention National Statements on the Achievements in Implementing the Goals of the Helsinki Convention (149 pp).

Distribution of the Baltic Sea Environment Proceedings has been made mainly through the national authorities of the Contracting Parties. In addition, the Secretariat has circulated about 150 copies of each publication for use outside the Contracting Parties, i.a., to international organizations as well as to some important national libraries interested in the goals of the Convention.

A re-edition of the Baltic Sea Environment Proceedings No. 5B has been taken according to special orders by some of the Contracting Parties with extra copies for use by the Secretariat. This publication can also be purchased from the Government Printing Office of Finland at a price of FIM 95:-.

Supplement 1 to the publication "Reception Facilities for Oily Residues in the Baltic Sea Area and Adjacent Waters, 1979, Revised Edition January 1982" has been published and distributed to the Contracting Parties and to IMO.

The Manual on Co-operation in Combatting Marine Pollution Volumes I and II, has been distributed to the Contracting Parties, International Maritime Organization (IMO), Regional Oil Combatting Centre for the Mediterranean Sea (ROCC), Contracting

Parties to the Bonn Agreement and its Secretariat and the Norwegian Ministry of the Environment.

The publication "Ten Years of Environmental Protection of the Baltic Sea" has been published and distributed to the Contracting Parties and to the public at large to disseminate information on the work of the Commission.

An informative booklet entitled "Convention on the Protection of the Marine Environment of the Baltic Sea Area - Helsinki Convention - 1974-1984, Goals and Achievements" has been published and distributed to the Contracting Parties, international organizations with similar goals and students in international law.

#### 6. Co-operation with other international organizations

The Commission has granted observer status to the following organizations:

- United Nations Environment Programme (UNEP)
- United Nations Economic Commission for Europe (ECE)
- International Maritime Organization (IMO)
- World Health Organization Regional Office for Europe (WHO/EURO)
- International Council for the Exploration of the Sea (ICES)
- International Baltic Sea Fishery Commission (IBSFC)
- Oslo and Paris Commissions

In addition to the representation of the Observer organizations at the Commission meeting, the representatives of ICES, IMO and WHO/EURO have attended the meetings of the permanent subsidiary bodies of the Commission.

The Commission was represented by the Government of Poland at the 9th session of IBSFC, 19-26 September 1983, in Warsaw.

The Executive Secretary has represented the Commission in the First International Symposium on Integrated Global Ocean Monitoring (MONOC) held in Tallinn, USSR, 2-10 October 1983, and at the Fifth Joint Meeting of the Oslo and Paris Commissions held in Berlin 9-10 June 1983.

The Executive Secretary and the Scientific Secretary attended the Symposium on the Ecological Investigations on the Baltic Sea Environment, Riga, USSR, 15-20 March 1983.

The Maritime Secretary represented the Commission in the 18th and 19th sessions of IMO's Marine Environment Protection Committee in London, 21-25 March 1983, and 5-9 December 1983, and in the 12th session of IMO's Sub-committee on Bulk Chemicals in London, 10-14 October 1983.

The Maritime Secretary also represented the Commission in the 22nd Inter-Secretariat Meeting on Water Problems, Geneva, 2 May 1983, and the 13th meeting of the Contracting Parties to the Copenhagen Agreement, Karlskrona, 30 August - 1 September 1983.

The Maritime Secretary represented the Commission in a Workshop of the Mediterranean Coastal States, MEDAS 83, in Malta, 27-30 June 1983. The participation of the Maritime Secretary in the Workshop was requested by IMO and UNEP, and the necessary funds were provided by these organizations.

LIST OF RECOMMENDATIONS PASSED DURING 1983 AND 1984

Recommendation 4/1

Recommendation concerning amendment of Annex I of the Helsinki Convention

- adopted 1 February 1983, having regard to Article 13 Paragraph b) of the Helsinki Convention

Recommendation 4/2

Recommendation on the use and recognition of the revised forms of International Oil Pollution Prevention (IOPP) Certificate and Oil Record Book agreed by the International Maritime Organization (IMO) (MEPC/Circ.99)

- adopted 1 February 1983, having regard to Article 13, Paragraph b) of the Helsinki Convention

Recommendation 4/3

Recommendation concerning the development of national ability to deal with spillages of harmful substances other than oil

- adopted 1 February 1983, having regard to Article 13, Paragraph b) of the Helsinki Convention

Recommendation 4/4

Recommendation concerning the use by the Baltic Sea States of the Manual on Co-operation in Combatting Marine Pollution within the framework of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974, (Helsinki Convention)

- adopted 2 February 1983, having regard to Article 13, Paragraph b) of the Helsinki Convention

Resolution 5/A

Medium-Term Plan for the activities of the Helsinki Commission

- adopted 14 March 1984, having regard to Article 13, Paragraph a) of the Helsinki Convention

Recommendation 5/1

Recommendation regarding limitation of oil in stormwater systems

- adopted 14 March 1984, having regard to Article 13, Paragraph b) of the Helsinki Convention

Recommendation 5/2

Recommendation concerning restriction of discharges from oil refineries

- adopted 14 March 1984, having regard to Article 13, Paragraph b) of the Helsinki Convention

Recommendation 5/3

Recommendation concerning guidelines for the calculation of the total costs which should be paid by the requesting country to the assisting country or countries

- adopted 14 March 1984, having regard to Article 13, Paragraph b) of the Helsinki Convention

Recommendation 5/4

Recommendation concerning amendment of Regulation 5 of Annex IV of the Helsinki Convention

- adopted 15 March 1984, having regard to Article 24 of the Helsinki Convention

BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION  
- HELSINKI COMMISSION -

HELCOM RECOMMENDATION 4/1

adopted 1 February 1983, having regard  
to Article 13, Paragraph b) of the  
Helsinki Convention

RECOMMENDATION CONCERNING AMENDMENT OF ANNEX I OF THE HELSINKI  
CONVENTION

THE COMMISSION,

RECALLING that according to Article 5 of the Convention on the  
Protection of the Marine Environment of the Baltic Sea Area,  
1974, (Helsinki Convention), the Contracting Parties undertake  
to counteract the introduction into the Baltic Sea Area of  
hazardous substances as specified in Annex I of the Convention,

RECALLING FURTHER that the hazardous substances listed in  
Annex I of the Convention are at present

- 1) DDT (1,1,1-trichloro-2,2-bis-(chlorophenyl)-ethane) and its  
derivatives DDE and DDD; and
- 2) PCB's (polychlorinated biphenyls),

RECALLING ALSO that according to Paragraph c) of Article 13 of  
the Convention it is, inter alia, the duty of the Commission to  
recommend to the Contracting Parties such changes as may be  
required in the Annexes,

RECOGNIZING that the Representatives of the Contracting Parties  
at the 4th meeting of the Commission have examined the environ-  
mental properties of polychlorinated terphenyls (PCT's),

RECOGNIZING FURTHER that the Commission on the basis of its  
examination concluded that PCT's:

- 1) have characteristics almost identical to these of the high  
chlorinated PCB's;
- 2) are extremely stable in the environment;
- 3) are bioaccumulative and biomagnification through food webs  
might take place:

HELCOM RECOMMENDATION 4/1  
page 2

- 4) are acutely toxic;
- 5) have a negative effect on many enzyme systems;
- 6) have been proved to be carcinogenic in animal tests;
- 7) show negative effects on the reproduction of test animals;
- 8) have been detected in environmental samples - including fish, birds, and seals from the Baltic Sea Area; and
- 9) have been detected in human beings,

HAVING CONSIDERED a proposal by Denmark to include PCT's in Annex I of the Convention in order to have these substances treated under the provisions of Article 5 of the Convention,

RESOLVES:

- a) to adopt the amendment to Annex I of the Convention appearing in the Attachment to this Recommendation;
- b) to ask the Depositary Government to communicate this amendment to the Contracting Parties to the Helsinki Convention with the Commission's recommendation for acceptance;
- c) to determine that the amendment shall be deemed to have been adopted, unless prior to 1 July 1983 any one of the Contracting Parties has objected to the amendment; and
- d) to determine that the accepted amendment shall enter into force on 1 September 1983.

HELCOM RECOMMENDATION 4/1  
ATTACHMENT

Annex I of the Helsinki Convention is amended by insertion of a third sub-paragraph which reads as follows:

3. PCT's (polychlorinated terphenyls)

BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION  
• HELSINKI COMMISSION •

HELCOM RECOMMENDATION 4/2

adopted 1 February 1983, having regard  
to Article 13, Paragraph b) of the  
Helsinki Convention

RECOMMENDATION ON THE USE AND RECOGNITION OF THE REVISED FORMS  
OF INTERNATIONAL OIL POLLUTION PREVENTION (IOPP) CERTIFICATE AND  
OIL RECORD BOOK AGREED BY THE INTERNATIONAL MARITIME ORGANIZA-  
TION (IMO) (MEPC/Circ.99)

THE COMMISSION,

CONSIDERING that certification and the keeping of Oil Record  
Books is furthering the aims of Regulation 4 of Annex IV to the  
Convention on the Protection of the Marine Environment of the  
Baltic Sea Area, 1974, (Helsinki Convention),

NOTING that the Maritime Working Group at its 6th meeting had  
agreed that the Oil Record Book currently in force internation-  
ally should also be used for the purposes of the Helsinki  
Convention,

NOTING ALSO that the International Convention for the Prevention  
of Pollution from Ships, 1973, as modified by the Protocol of  
1978 relating thereto (MARPOL 73/78), will enter into force on  
2 October 1983,

ACKNOWLEDGING that the Marine Environment Protection Committee  
(MEPC) of IMO at its 17th session agreed on revised forms of  
IOPP Certificate and Oil Record Book, and in document MEPC/  
Circ.99 recommended their use in lieu of the forms presently  
contained in Appendices II and III to Annex I of MARPOL 73/78,

RECOMMENDS that the Governments of the Contracting Parties to  
the Helsinki Convention use and recognize the revised forms  
contained in MEPC/Circ.99, as from 2 October 1983.

BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION

- HELSINKI COMMISSION -

HELCOM RECOMMENDATION 4/3

adopted 1 February 1983, having regard  
to Article 13, Paragraph b) of the  
Helsinki Convention

RECOMMENDATION CONCERNING THE DEVELOPMENT OF NATIONAL ABILITY TO  
DEAL WITH SPILLAGES OF HARMFUL SUBSTANCES OTHER THAN OIL

THE COMMISSION,

RECALLING the provisions of Regulation 2 of Annex VI to the  
Convention on the Protection of the Marine Environment of the  
Baltic Sea Area, 1974, (Helsinki Convention), concerning the  
ability of the Contracting Parties to the Convention to combat  
spillages of oil and other harmful substances at sea,

RECALLING FURTHER

- 1) HELCOM RECOMMENDATION 1/1 concerning Measures to Ensure the  
Use of Reception Facilities for Wastes from Ships;
- 2) HELCOM RECOMMENDATION 1/7 concerning the Development of  
National Ability to Combat Spillages of Oil; and
- 3) HELCOM RECOMMENDATION 2/1 concerning Amendment of Regulation  
5 of Annex IV of the Helsinki Convention,

RECOGNIZING the urgent need for the Contracting Parties to the  
Helsinki Convention to further develop their abilities to deal  
with spillages of harmful substances other than oil,

RECOGNIZING FURTHER the complexity of problems involved in com-  
batting such harmful substances,

RECOGNIZING ALSO that the basic organization as used for oil  
combatting purposes could be used for the combatting of harmful  
substances other than oil, and that also the equipment used for  
oil combatting purposes could be utilized for the combatting of  
some of these substances,

HELCOM RECOMMENDATION 4/3

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NOTING that the International Maritime Organization (IMO) is developing a manual on combatting spillages of harmful substances other than oil and that such a manual, when completed, would be a valuable contribution on the subject,

BEING AWARE of the great value of co-ordinated national efforts in the development of the ability to combat spillages of harmful substances other than oil,

RECOMMENDS that the Governments of the Contracting Parties to the Helsinki Convention:

- a) should, when developing their national ability to combat spillages of oil, as appropriate, aim at the inclusion of the capability to combat spillages of harmful substances other than oil in the ability of their combatting services;
- b) should, when developing this capability, take into consideration:
  - (i) the trade pattern for harmful substances other than oil within their response regions;
  - (ii) the kind and amount of substances transported;
  - (iii) the relevant IMO and Helsinki Commission guidelines on the combatting of such substances when finalized; and
  - (iv) that the provision of adequate reception facilities is essential for preventing operational discharges of these substances;
- c) should see to it that ships used for transportation of harmful substances other than oil fulfil the requirements for design, construction and equipment contained in the relevant IMO instruments with respect to such ships; and
- d) should keep each other informed of action taken in order to implement this Recommendation.

BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION

• HELSINKI COMMISSION •

HELCOM RECOMMENDATION 4/4\*

adopted 2 February 1983, having regard  
to Article 13, Paragraph b) of the  
Helsinki Convention

RECOMMENDATION CONCERNING THE USE BY THE BALTIC SEA STATES OF  
THE MANUAL ON CO-OPERATION IN COMBATting MARINE POLLUTION WITHIN  
THE FRAMEWORK OF THE CONVENTION ON THE PROTECTION OF THE MARINE  
ENVIRONMENT OF THE BALTIC SEA AREA, 1974, (HELSINKI CONVENTION)

THE COMMISSION,

RECALLING the provisions of Article 11 and Annex VI of the Con-  
vention on the Protection of the Marine Environment of the  
Baltic Sea Area, 1974, (Helsinki Convention), concerning the co-  
operation between the Contracting Parties in combatting marine  
pollution,

RECOGNIZING that the establishment of detailed operational  
guidelines for the conduct of joint combatting actions between  
two or more Contracting Parties is a prerequisite for a success-  
ful result of such actions,

NOTING that such draft guidelines have been worked out by the  
Expert Group on Co-operation in Combatting Matters for consider-  
ation by the Commission at its 4th meeting,

HAVING CONSIDERED these guidelines as contained in the final  
draft Manual on Co-operation in Combatting Marine Pollution  
within the Framework of the Convention on the Protection of the  
Marine Environment of the Baltic Sea Area, 1974, (Helsinki  
Convention),

ADOPTS the final draft of the Manual for use by the Contracting  
Parties when co-operating in combatting marine pollution within  
the Helsinki Convention context,

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\* this Recommendation supplements HELCOM Recommendations 2/4, 2/5 and 2/6

HELCOM RECOMMENDATION 4/4

page 2

AUTHORIZES the Expert Group on Co-operation in Combatting Matters to complete, update and amend the Manual as necessary in so far as such measures do not concern matters of principle,

RECOMMENDS that the Governments of the Contracting Parties to the Helsinki Convention ensure the use of the Manual by their national organizations responsible for dealing with spillages of oil and other harmful substances at sea.

BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION

• HELSINKI COMMISSION •

HELCOM RESOLUTION 5/A

adopted 14 March 1984, having regard  
to Article 13, Paragraph a) of  
the Helsinki Convention

MEDIUM-TERM PLAN FOR THE ACTIVITIES OF THE HELSINKI COMMISSION

THE COMMISSION,

BEARING IN MIND that the Commission is entrusted by the Contracting Parties to keep the implementation of the Convention on the Protection of the Marine Environment of the Baltic Sea Area under continuous observation,

MINDFUL that the work of the Commission is an achievement of friendly and fruitful co-operation between neighbouring States to their mutual benefit,

RECOGNIZING that the Convention has proven to be an effective instrument for the environmental management of the Baltic Sea Area,

RECOGNIZING FURTHER that, since the inception of the work of the Commission, the environmental conditions in the Baltic Sea Area have been enhanced, inter alia, through reduction of immissions of certain hazardous substances, such as DDT and PCBs, as well as through improved efficiency in combatting oil pollution,

AWARE, however, that the trends as regards the contents of nutrients in the Baltic Sea and the oxygen conditions in its deep basins are still discouraging,

EMPHASIZING the need for continued commitment of the Contracting Parties in obtaining a rational base for environmental protection of the Baltic Sea Area,

EMPHASIZING FURTHER the need to intensify national and joint efforts with regard to measures to reduce and prevent the land-based and ship-generated pollution as well as to strengthen the capabilities to combat oil and other harmful substances,

HELCOM RESOLUTION 5/A

page 2

RECALLING the decision at the fourth meeting of the Commission to elaborate a Medium-Term Plan, which should be revised from time to time,

ADOPTS the following Medium-Term Plan for the activities of the Helsinki Commission:

1. Activities with a view to obtaining a rational base for appropriate measures aimed at the environmental protection of the Baltic Sea Area will include:
  - regular monitoring and periodic assessment of the state of the environment of the Baltic Sea;
  - evaluation of the pollution load;
  - research work aiming at the improvement of the state description of the Baltic Sea including study of the pathways and environmental effects of harmful substances, especially persistent contaminants;
  - research and development with a view to improving technologies for reduction of pollutants, especially nitrogen compounds;
  - exchange of relevant scientific and technological information; and
  - compilation of statistical data on shipping as to provide an overall picture of the transport pattern in the Baltic Sea Area.
2. In order to enable the Contracting Parties to intensify practical measures to reduce the land-based pollution of the Baltic Sea Area, high priority will be given by the Commission to the following tasks:
  - evaluation of effects of and elaboration of proposals for appropriate action against:
    - discharges of nutrients and oxygen consuming substances into the marine environment of the Baltic Sea, including input of nutrients from diffuse sources, i.a., agriculture and forestry; and
    - other contaminants, especially pollutants from pulp and paper industries and airborne substances,
  - elaboration of criteria for reduction of the emission of harmful substances from major sources taking into account the varying need for measures within the different branches of industry and the best available and economically feasible technologies; and
  - stormwater management and treatment.

HELCOM RESOLUTION 5/A

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3. To reduce and prevent pollution from ships, the planned activities will comprise such elements as:
  - measures to improve safety of navigation and to eliminate the use of substandard ships in the Baltic Sea Area;
  - measures to encourage ships to use reception facilities to the fullest extent:
  - provision of information to mariners, shipowners and charterers on discharge regulations, reception facilities and other relevant features regarding the Convention requirements and supplementary measures initiated by the Commission; and
  - measures aimed at:
    - counteracting the harmful effects from pleasure craft activities; and
    - intensifying, and co-operating in, the detection and prosecution of offenders.
4. The national and joint combatting potential in the Baltic Sea Area will be strengthened by the following measures:
  - elaboration of methods to combat oil spills under ice conditions and of drift models for spills of oil and other harmful substances;
  - implementation of joint realistic combatting training schemes; and
  - elaboration of guidelines for co-operation in combatting marine pollution also by other harmful substances than oil.
5. In respect of the prevention of marine pollution from ships, safety of navigation and combatting of marine pollution the Commission will continue to assist in:
  - the coordinating of the efforts of the Contracting Parties in the work of other international organizations, e.g. the International Maritime Organization (IMO); and
  - the harmonized implementation by the Contracting Parties of measures adopted by such organizations.
6. The development of rules concerning responsibility for damage resulting from acts or omissions in contravention of the Helsinki Convention will be continued taking into account relevant activities in the global context.

BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION  
- HELSINKI COMMISSION -

HELCOM RECOMMENDATION 5/1

adopted 14 March 1984, having regard  
to Article 13, Paragraph b) of  
the Helsinki Convention

RECOMMENDATION REGARDING LIMITATION OF OIL IN STORMWATER SYSTEMS

THE COMMISSION,

RECALLING that according to Article 6 of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974, (Helsinki Convention), the Contracting Parties shall take all appropriate measures to control and strictly limit pollution by noxious substances,

RECALLING ALSO that Annex II of the Helsinki Convention defines oil as a noxious substance for the purposes of Article 6 of the Convention,

BEING MINDFUL that a considerable part of oil pollution of the marine environment is caused by oil contaminated waters discharged via stormwater systems,

RECOGNIZING a need for limiting oil pollution from stormwater systems applying efficient treatment of oil contaminated waters,

RECOMMENDS to the Governments of the Contracting Parties to the Helsinki Convention that:

- a) oily process, cooling and other waters from production plants, service stations, mechanical workshops and other plants as well as stormwaters from areas where oil is handled or stored should not without effective water pollution control measures be connected to a stormwater system; and
- b) oily waters from plants and areas already connected to a stormwater system should without delay be investigated and measures taken accordingly, including, for instance:

HELCOM RECOMMENDATION 5/1  
page 2

- collection of oily wastes at the source:
- collection and separate treatment of oil polluted waters;
- limitation of quantity of oil polluted waters discharged to stormwater systems; and
- connection of, if necessary, pretreated waters to municipal sewers.

**BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION**

- HELSINKI COMMISSION -

HELCOM RECOMMENDATION 5/2

adopted. 14 March 1984, having regard  
to Article 13, Paragraph b) of the  
Helsinki Convention

RECOMMENDATION CONCERNING RESTRICTION OF DISCHARGES FROM OIL  
REFINERIES

THE COMMISSION,

RECALLING that according to Article 6 of the Convention on the  
Protection of the Marine Environment of the Baltic Sea Area,  
1974, (Helsinki Convention), the Contracting Parties shall take  
all appropriate measures to control and strictly limit pollution  
by noxious substances,

RECALLING ALSO that Annex II of the Helsinki Convention defines  
oil as a noxious substance for the purposes of Article 6 of the  
Convention,

RECOGNIZING that oil refineries are one of the main sources of  
oil pollution,

BEING MINDFUL of the pollution caused by oil refineries,

DESIRING to limit this pollution by accomplishing the treatment  
of oil refinery effluents corresponding to modern technology,

DESIRING ALSO to have more adequate information on the total  
discharges into the Baltic Sea of oil and oil products,

RECOMMENDS to the Governments of the Contracting Parties to the  
Helsinki Convention that:

- a) at new oil refineries the following provisions should be  
applied as from the beginning of the production:
  - (i) cooling waters should be separated from other waters  
and retained uncontaminated by oil;

HELCOM RECOMMENDATION 5/2

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- (ii) stormwaters from polluted plant areas should be collected and connected to treatment plants; and
  - (iii) wastewaters should be subject to biological or other equally effective treatment. The oil content (measured using IR spectroscopy) of the effluent should not exceed 5 parts per million and the total discharge should not exceed 3 grammes per ton of crude oil and other feed stocks processed;
- b) at existing refineries the provisions (i) and (ii) given in paragraph a) should be applied as from 15 March 1994 and 1987, respectively,

RECOMMENDS ALSO to the Governments of the Contracting Parties to the Helsinki Convention that corresponding TOC and/or COD<sub>Cr</sub> values should be measured and submitted whenever oil discharges are reported to the Helsinki Commission,

RECOMMENDS FURTHER that programmes drawn up to reduce pollution from oil refineries and results achieved should be reported every five years to the Helsinki Commission.

BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION  
- HELSINKI COMMISSION -

HELCOM RECOMMENDATION 5/3

adopted 14 March 1984, having regard  
to Article 13, Paragraph b) of  
the Helsinki Convention

RECOMMENDATION CONCERNING GUIDELINES FOR THE CALCULATION OF THE  
TOTAL COSTS WHICH SHOULD BE PAID BY THE REQUESTING COUNTRY TO  
THE ASSISTING COUNTRY OR COUNTRIES

THE COMMISSION,

RECALLING HELCOM Recommendation 3/5 concerning financial impact  
of assistance rendered,

RECOGNIZING the need to establish supplementary guidelines for  
the calculation of the total costs which should be paid by the  
Requesting Country to the Assisting Country or Countries,

RECOMMENDS that the Governments of the Contracting Parties to  
the Helsinki Convention should use the following guidelines when  
deciding on the monetary implications between the Requesting  
Country and the Assisting Country or Countries:

- a) a fundamental principle for the calculation of costs which  
should be paid by the requesting country to the assisting  
country or countries is that the calculation must be based  
on cost price;
- b) a country requesting assistance may withdraw its request at  
any time, but in that case it shall bear costs already  
incurred or committed by the assisting country or countries;
- c) an assisting country shall at any time be prepared to give  
the requesting country a preliminary estimation of the  
costs for the assistance; and
- d) these guidelines shall not be interpreted as in any way  
prejudicing the rights of a country to recover from third  
parties the costs of action to deal with pollution or the  
threat of pollution under other applicable provisions and  
rules of national and international law.

**BALTIC MARINE ENVIRONMENT  
PROTECTION COMMISSION**

· HELSINKI COMMISSION ·

HELCOM RECOMMENDATION 5/4

adopted 15 March 1984, having regard  
to Article 24 of the Helsinki Convention

RECOMMENDATION CONCERNING AMENDMENT OF REGULATION 5 OF ANNEX IV  
OF THE HELSINKI CONVENTION

THE COMMISSION,

NOTING that, pursuant to an amendment adopted by the Commission  
at its second meeting, Regulation 5 of Annex IV of the Helsinki  
Convention will apply from 1 July 1984,

BEING MINDFUL of the desirability to restrict at the earliest  
possible date the discharges of noxious liquid substances into  
the sea from ships operating in the Baltic Sea Area,

NOTING, HOWEVER, WITH REGRET that practical problems in relation  
to an effective implementation by all the Baltic Sea States of  
Regulation 5 of Annex IV of the Convention are of such a nature  
as to necessitate a postponement of the date from which this  
Regulation is to be applied,

RECOGNIZING that, in order to enable Regulation 5 of Annex IV of  
the Convention to be implemented in a practical and effective  
manner, there is a need to apply procedures, such as mandatory  
prewash upon unloading of chemical tankers, and to revise the  
form of the cargo record book,

RESOLVES:

- a) to adopt the amendment to the preambular part of Regulation  
5 of Annex IV of the Convention appearing in the Annex to  
this Recommendation;
- b) to ask the Depository Government to communicate this amend-  
ment to the Contracting Parties with the Commission's recom-  
mendation for acceptance;

HELCOM RECOMMENDATION 5/4

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- c) to determine that the amendment shall be deemed to have been accepted, unless prior to 15 April 1984, any one of the Contracting Parties has objected to the amendment; and
- d) to determine that the accepted amendment shall enter into force on 1 July 1984.

RESOLVES FURTHER to consider, at its sixth meeting, amendments to Regulation 5 of Annex IV of the Convention in respect of procedures to be applied and of the cargo record book.

HELCOM RECOMMENDATION 5/4  
ANNEX

The preambular part of Regulation 5 of Annex IV of the Helsinki Convention is amended to read as follows:

The provisions of this Regulation shall apply  
from 1 January 1986.

BALTIC SEA ENVIRONMENT PROCEEDINGS

- No. 1 JOINT ACTIVITIES OF THE BALTIC SEA STATES WITHIN THE FRAMEWORK OF THE CONVENTION ON THE PROTECTION OF THE MARINE ENVIRONMENT OF THE BALTIC SEA AREA 1974-1978 (1979)\*
- No. 2 REPORT OF THE INTERIM COMMISSION (IC) TO THE BALTIC MARINE ENVIRONMENT PROTECTION COMMISSION (1981)
- No. 3 ACTIVITIES OF THE COMMISSION 1980  
- Report on the activities of the Baltic Marine Environment Protection Commission during 1980  
- HELCOM Recommendations passed during 1980 (1981)
- No. 4 BALTIC MARINE ENVIRONMENT BIBLIOGRAPHY 1970-1979 (1981)
- No. 5A ASSESSMENT OF THE EFFECTS OF POLLUTION ON THE NATURAL RESOURCES OF THE BALTIC SEA, 1980  
PART A-1: OVERALL CONCLUSIONS (1981)
- No. 5B ASSESSMENT OF THE EFFECTS OF POLLUTION ON THE NATURAL RESOURCES OF THE BALTIC SEA, 1980  
PART A-1: OVERALL CONCLUSIONS  
PART A-2: SUMMARY OF RESULTS  
PART B: SCIENTIFIC MATERIAL (1981)
- No. 6 WORKSHOP ON THE ANALYSIS OF HYDROCARBONS IN SEAWATER  
Institut für Meereskunde an der Universität Kiel,  
Department of Marine Chemistry, March 23-April 3, 1981 (1982)
- No. 7 ACTIVITIES OF THE COMMISSION 1981  
- Report of the activities of the Baltic Marine Environment Protection Commission during 1981 including the Third Meeting of the Commission held in Helsinki 16-19 February 1982  
- HELCOM Recommendations passed during 1981 and 1982 (1982)
- No. 8 ACTIVITIES OF THE COMMISSION 1982  
- Report of the activities of the Baltic Marine Environment Protection Commission during 1982 including the Fourth Meeting of the Commission held in Helsinki 1-3 February 1983  
- HELCOM Recommendations passed during 1982 and 1983 (1983)
- No. 9 SECOND BIOLOGICAL INTERCALIBRATION WORKSHOP  
Marine Pollution Laboratory and Marine Division of the National Agency of Environmental Protection, Denmark, August 17-20, 1982, Rønne, Denmark (1983)

- No. 10    TEN YEARS AFTER THE SIGNING OF THE HELSINKI CONVENTION  
National Statements by the Contracting Parties on the  
Achievements in Implementing the Goals of the Conven-  
tion on the Protection of the Marine Environment of the  
Baltic Sea Area  
(1984)
- No. 11    STUDIES ON SHIP CASUALTIES IN THE BALTIC SEA 1979-1981  
Helsinki University of Technology, Ship Hydrodynamics  
Laboratory, Otaniemi, Finland  
P. Tuovinen, V. Kostilainen and A. Hämäläinen  
(1984)
- No. 12    GUIDELINES FOR THE BALTIC MONITORING PROGRAMME FOR THE  
SECOND STAGE  
(1984)