

No. 37

ACTIVITIES OF THE COMMISSION
1990

Report on the activities of the Baltic Marine
Environment Protection Commission during 1990
including the Twelfth Meeting of the Commission held
in Helsinki 19-22 February 1991

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REPORT ON THE ACTIVITIES OF THE COMMISSION DURING 1990 INCLUDING THE TWELFTH MEETING OF THE COMMISSION HELD IN HELSINKI 19-22 FEBRUARY 1991

1. ACTIVITIES OF THE COMMISSION DURING 1990

1.1 Eleventh Meeting of the Commission

During the eleventh year of operation of the Baltic Marine Environment Protection Commission - Helsinki Commission (HELCOM) the elaboration of further measures against pollution was continued. Special emphasis was given to the follow-up work on the national implementation of the 1988 Ministerial Declaration, the work related to the revision of the Convention as well as the work associated with the establishment of the ad hoc high level Task Force within the Secretariat according to the Baltic Sea Declaration, September 1990.

The outcome of the eleventh meeting of the Commission held in Helsinki 13-16 February 1990 has been published in the Baltic Sea Environment Proceedings No. 33.

Detailed information on the progress made since the eleventh meeting of the Commission in the different substantive activities within the framework of the Helsinki Commission is given in the subsequent paragraphs.

1.2 Environment Committee (EC)

The first meeting of the Environment Committee (EC) was held in Copenhagen, Denmark, 10-14 September 1990. Delegations from all the Contracting Parties attended the meeting. An observer from the International Council for the Exploration of the Sea (ICES), an observer from the Intergovernmental Oceanographic Commission (IOC), an observer from the International Baltic Sea Fishery Commission (IBSFC), and two observers from the World Health Organization (WHO) also attended the meeting. Furthermore, the Executive Secretary of the Commission, Mr. Fleming Otzen, the Technological Secretary, Mr. Vassili Rodionov, as well as the Chairman of the Technological Committee, Mr. Tapani Kohonen, attended the meeting. An observer from Greenpeace International gave a statement at the beginning of the meeting and participated in the discussions following that, in accordance with the Rule 8 of Procedure (HELCOM 10/14, Paragraph 8.24).

Mr. Piotr Krzyzanowski of Poland, the Chairman of the EC, acted as Chairman of the meeting, and the Vice-Chairmen of the EC, Mr. Niels Peter Riihl of the Federal Republic of Germany and Mr. Lutz Briigmann of the German Democratic Republic, acted as Vice-Chairmen of the meeting. The Environment Secretary of the Commission, Ms. Terttu Melvasalo, acted as Secretary of the meeting.

The Contracting Parties reported to the meeting on their national and bilateral activities pertinent to the goals of the Environment Committee. The observer of ICES provided information on the progress in the activities requested by the Helsinki Commission. The observer of IOC reported on the recent activities in his organization, looking forward to cooperation with the EC. The observers of WHO provided information on the practical development of the joint project established by HELCOM 11 concerning a case study using WHO Geographical Information System in the Baltic Sea region. This project was also considered by the meeting in detail. The observer of IBSFC informed the Committee on the development of cooperation between his Commission and ICES as well as the Helsinki Commission, especially with regard to a joint project "Dialogue Meeting", which was also considered by the Committee in detail. The observer of Greenpeace delivered a statement followed by a discussion, which showed that the comments by Greenpeace were in line with

the objectives of the work of the EC, especially with regard to improving the ecological knowledge of the Baltic Sea.

Airborne Pollution

The Committee considered the report of the seventh meeting of the Group of Experts on Airborne Pollution of the Baltic Sea Area (EGAP). The meeting, noting that the evaluation on the EGAP data 1983-1986 had been published (Baltic Sea Environment Proceedings No. 32), appreciated the plans for the next evaluation intended to cover the years 1986-1990 and to be ready for print in autumn 1991. The meeting especially acknowledged the good cooperation on practical level with ECE with regard to the storing and processing of HELCOM airborne pollution data on consultant basis at the EMEP-CCC (NILU). The meeting also appreciated the cooperation with other international centres involved in the preparation of the next evaluation report.

Monitoring of radioactive substances

The Committee received information on the progress in the work within the Group of Experts on Monitoring of Radioactive Substances in the Baltic Sea (MORS) and the cooperation with the International Atomic Energy Agency (IAEA). The Committee was also informed on the submission of data to the relevant data bases as well as on the change in the chairmanship of the MORS. The meeting was also informed on comprehensive intercalibration programmes planned within the MORS, as well as on the map which is under preparation and which will represent the distribution of the deposition of Cs-137 and Cs-134 of the Chernobyl fallout in the drainage area of the Baltic Sea.

Assessments of the state of the sea

The Committee expressed its appreciation to the ad hoc Group of Experts for the Preparation of the Second Periodic Assessment (GESPA), which had finalized its project covering the years 1984-1988. The results were published in two volumes of the Baltic Sea Environment Proceedings, the conclusions in No. 35A and the scientific background document in No. 35B. The Committee considered in **detail the** action proposed by the GESPA experts, contained in the conclusions part of the publication. Many of the proposals are connected with the development of the Baltic Monitoring Programme and the evaluation of the state of the environment in future as well as action to be taken to reduce and control the pollution entering the Baltic Sea. The Committee also considered the progress in the work of specific assessments, e.g. concerning seals, sediments and coastal waters. The meeting established several projects lead by Lead Countries to develop the most important parts in the work of the Environment Committee. The Committee also **recognized** the problems related to getting permissions to research cruises to economic zones of other Contracting Parties, and submitted a draft HELCOM Recommendation for consideration by HELCOM 12.

Other activities in the field of the EC

The Committee considered the progress in developing the HELCOM Bibliography and made further proposals to make it more effective. The Committee also considered the status of implementation of the Ministerial Declaration 1988 and HELCOM Recommendations. The meeting also considered the future work of the EC, taking into account the Baltic Sea Declaration 1990.

1.3 Technological Committee (TC)

The First meeting of the Technological Committee (TC) was held in Gdynia, Poland, 22-26 October 1990. Delegations from all Contracting Parties attended the meeting. The Chairman of the Environment Committee, Mr. Piotr Krzyzanowski, and the Environment Secretary of the Commission, Ms. **Terttu** Melvasalo, also attended the

meeting. Observers from Greenpeace International attended the meeting and gave a statement in the beginning of the meeting and participated in the discussions on the statement according to the Rules of Procedure (HELCOM 10/14, Paragraph 8.24).

Mr. Tapani Kohonen of Finland, the Chairman of TC, acted as Chairman of the meeting. Ms. Ulla-Britta Fallenius of Sweden, the Vice-Chairman of TC, acted as Vice-Chairman of the meeting. The Technological Secretary of the Commission, Mr. Vassili Rodionov, acted as Secretary of the meeting.

The Contracting Parties reported to the meeting on their activities in the context of the Ministerial Declaration 1988.

The Observers from Greenpeace International delivered a statement concerning the organochlorine pollution from the pulp and paper industry. In discussion the proposals by Greenpeace International were addressed to the subsidiary bodies of TC and the Lead Country, Sweden, for further consideration.

The meeting paid special attention to the implications to TC-work arising from the decisions of the Baltic Sea Environment Conference, held 2-3 September 1990 in Ronneby, Sweden, especially in connection with the HELCOM ad hoc high level Task Force.

Matters related to Harmful Substances

TC considered the outcome of the Workshop on Harmful Substances, convened in March and September 1990 in accordance with the decision by HELCOM 11, and endorsed the "Draft list of priority harmful substances other than nutrients for immediate action in order to reach the 50% reduction goal by 1995" to be submitted to HELCOM 12 for adoption.

As an additional methodological basis for the national reduction programs, TC adopted the "Principles for national programs to achieve the 50% reduction goal for heavy metals and toxic or persistent organic substances, as set up in the Ministerial Declaration 1988".

TC endorsed the plans for further work on harmful substances, i.e. on biocides and chemicals to be kept on the "waiting list".

Pollution Load Compilation

TC supported the proposal by the Lead Countries, Germany and the USSR, regarding the possibilities to speed-up the preparation of the Second Pollution Load Compilation (HELCOM Recommendation 10/4), and requested the Lead Countries to arrange bilateral consultation in order to elaborate detailed proposal for consideration by HELCOM 12.

The bilateral meeting of Lead Countries, held in Hamburg, Germany, 22-23 November 1990, submitted for endorsement by HELCOM 12 the plans to finalize the Second Pollution Load Compilation before the end of 1991.

Industrial and Municipal Discharges

TC considered the outcome of the third meeting of the Working Group on Reduction of Industrial Discharges (RID) and endorsed the list of priority industrial sectors for immediate action including both water discharges and air emissions. In order to accelerate the work in the priority sectors the Committee favoured the activation of the Lead Country role proposed by RID.

TC also endorsed the ongoing work in establishing the "waiting" list of various sectors with regard to their environmental impact, as well as the plans for further work on industrial sectors.

TC decided to submit for consideration by HELCOM 12 three draft HELCOM Recommendations concerning pulp and paper industry and industrial connections to municipal sewerage networks as well as a draft HELCOM Recommendation on definition of Best Available Technology and a draft HELCOM Recommendation on information and consultation with regard to construction of new installations affecting the Baltic Sea.

The Committee could not achieve an agreement concerning a draft HELCOM Recommendation on nitrogen removal at municipal sewage water treatment plants, as called for in HELCOM Recommendation 9/2, and invited the Contracting Parties to initiate further national consideration in order to reach the earliest possible agreement.

Follow-up on Implementation of the Ministerial Declaration 1988 and HELCOM Recommendations in the TC-field

Due to the serious delay in national implementation reporting TC was not in the position to prepare an implementation status report as decided by HELCOM 10. This work was finalized by a separate meeting of the representatives of the Contracting Parties held in the HELCOM Secretariat in late November 1990.

The meeting elaborated the progress report on the implementation of the 50% reduction part of the Ministerial Declaration 1988 for consideration by HELCOM 12 and proposed that the Contracting Parties be requested to submit to HELCOM 13 national reports concerning the implementation of the 50% reduction goal of the Ministerial Declaration 1988 in conjunction with consideration of the Second Pollution Load Compilation.

The meeting also considered thoroughly the Lead Country progress reports on implementation of HELCOM Recommendations within the TC-field and elaborated the implementation status report concerning these Recommendations for consideration by HELCOM 12. It was also proposed that HELCOM 12 endorse the publication of Lead Country progress reports in 1991.

Other activities in the TC-field

In order to intensify and rationalize the work within TC in reduction of the pollution entering the Baltic Sea from all land-based sources, the Committee submitted to HELCOM 12 a proposal for establishment of two working groups under TC: a working group on reduction of discharges and emissions from point sources (substituting the present group RID with expanded terms of reference) and a working group on reduction of inputs from diffuse sources.

During the starting period of the Technological Committee as a new Committee of the Helsinki Commission the Chairmen of TC performed the consultative meetings with the Secretariat for clarification of the current work of TC and elaboration on proposals for the Committee on its future activities.

1.4 Maritime Committee (MC)

The Maritime Committee held its 16th meeting in **Norrköping**, Sweden, 18-21 September 1990. Delegations from all the Contracting Parties attended the meeting as well as the Chairman of the Technological Committee, Mr. Tapani Kohonen and the Executive Secretary of the Commission, Mr. Fleming Otzen.

Mr. Peter Ehlers of the Federal Republic of Germany, Chairman of MC, acted as Chairman of the Meeting and Mr. Rudolf **Lammel** of the German Democratic Republic, Vice-Chairman of MC acted as Vice-Chairman of the meeting. The Maritime Secretary of the Commission, Mr. Adam Kowalewski, acted as Secretary of the meeting.

Matters related to discharges from ships

The Maritime Committee decided upon a joint action of all the Baltic Sea States in IMO concerning proposals for amendments to the Oil Record Book.

The Committee requested the Contracting Parties to provide information on their regulations on minimum throughput of oily-water separating equipment, on their sewage treatment systems and on their national measures on separation of garbage and decided to discuss further these matters at MC 17.

The Committee endorsed the offer by Denmark to organise a meeting of an informal working group to discuss practical solutions on the application of Regulation 7 of Annex IV of the Helsinki Convention to existing ships below 500 GRT.

Air pollution from ships

The Maritime Committee considered the report of the second meeting of the ad hoc Working Group on Air Pollution from Ships (MC AIR). The Committee decided on a joint action on air pollution from ships in IMO and invited Sweden to submit a document on this issue to MEPC 30 on behalf of all the Contracting Parties to the Helsinki Convention.

The Committee confirmed that the contribution on air pollution from ships should be included in the next evaluation report concerning airborne pollution, which is to be elaborated by EGAP 8, and approved the request by MC AIR 2 that the Contracting Parties should submit their national calculation values on air pollution from ships to the Secretariat for compilation by 1 December 1990.

The Maritime Committee could not achieve an agreement on a draft HELCOM Recommendation on early measures to reduce sulphur in marine fuel oils and to prohibit the addition of chemicals and other wastes, harmful to the environment, into such oils in the Baltic Sea Area and decided to submit the draft Recommendation to the Commission for consideration and eventual adoption.

The Committee further agreed on a proposal to the Commission to convene MC AIR for a third meeting to be held in Helsinki in spring 1991.

Maritime safety (including traffic under winter conditions)

The Maritime Committee agreed on a draft HELCOM Recommendation on the promotion of the use of safer tankers while carrying oil for submission to HELCOM 12 for adoption.

The Committee endorsed the offer of Finland to organise a meeting of an informal working group to discuss new requirements on constructional arrangements for tankers and to make proposals for consideration by MC 17.

Control measures and investigation of violations

The Committee decided to use a uniform HELCOM format for reporting on statistical data concerning control measures and investigations of violations. The Committee also requested the Secretariat to elaborate a draft reporting format and to submit it to the Contracting Parties for their comments.

Research and development

The Committee, noting the importance of being informed on the national developments in the maritime field, decided to continue the exchange of information on research and development projects and requested the Contracting Parties to provide relevant information to the Secretariat for compilation and subsequent submission for consideration by the Maritime Committee.

Cooperation within IMO

The Committee confirmed the need to continue the coordination on certain subjects in environmental matters within the Helsinki Commission and IMO and to further discuss such coordination at the Baltic Maritime Co-ordinating Meetings (BMCM) to be held in conjunction with MEPC.

Other activities in the field of MC

The Committee decided to use the IMO format for updating the information on reception facilities and requested the Contracting Parties to submit the **filled-in** formats both to IMO and to the HELCOM Secretariat to be compiled for consideration by the Maritime Committee.

The Committee approved the Secretariat's proposal of having only one list of HELCOM Recommendations in which all the Recommendations would be listed in numerical order with an indication of their status. The Committee endorsed also the Secretariat's proposal for informative maps of the Baltic Sea Area.

The Committee updated the list of activities and target dates.

1.5 **Combatting Committee (CC)**

The 14th meeting of the Combatting Committee was held in Liibeck, Germany, 5-12 October 1990. Delegations from all the Contracting Parties attended the meeting. The Chairman of the Maritime Committee, Mr. Peter Ehlers and the Executive Secretary, Mr. Fleming Otzen also attended the meeting.

Mr. Oleg Khalimonov of the USSR, Chairman of CC, acted as Chairman of the meeting and Mr. Preben Stamp of Denmark, Vice-Chairman of CC acted as Vice-Chairman of the meeting. The Maritime Secretary of the Commission, Mr. Adam Kowalewski, **acted** as Secretary of the meeting.

Combatting spillages of oil and other harmful substances

Oil

The Combatting Committee adopted the Provisional Guidelines for Development of National Ability to Respond to Spillages of Oil and Other Harmful Substances which contain minimum requirements of the equipment to be used in combatting operations of oil spillages.

The Committee established an Informal Working Group on Oil Drift Forecasts and appreciated the offer of Sweden to host the first meeting of the Informal Working Group at the Swedish Meteorological and Hydrological Institute (SMHI).

The Committee requested the Contracting Parties to submit their reports on regular surveillance in the Baltic Sea to Germany by the end of May every year for compilation and subsequent submission for consideration by the Combatting Committee.

The Committee agreed on a draft HELCOM Recommendation concerning the development and use of oil drift forecasting for submission to HELCOM 12 for adoption.

Other harmful substances

The Committee considered the report of the sixth meeting of the **ad hoc** Working Group on Combatting Spillages of Harmful Substances Other than Oil (CC CHEM). The Committee had requested CC CHEM to elaborate specified guidelines for the application of HELCOM Recommendation **11/13** on development of national ability to respond to spillages of oil and other harmful substances. The Committee agreed on a draft HELCOM Recommendation concerning special cooperation in case of a chemical

tanker accident in the Baltic Sea for submission to HELCOM 12 for adoption. The Committee further proposed to the Commission to convene CC CHEM for a seventh meeting to be held in Visby, Sweden, 21-23 May 1991.

Surveillance activities

The Combatting Committee considered the report of the Informal Working Group on Joint Aerial Surveillance. The Committee decided that the joint flights in 1991 will be carried out on 14 May (16 May) and 20 August (22 August).

The Committee agreed on a draft HELCOM Recommendation on airborne surveillance with remote sensing equipment in the Baltic Sea Area for submission to HELCOM 12 for adoption.

Follow-up studies on spillages

The Combatting Committee adopted the Guidelines for Oil Spill Follow-up Studies, elaborated jointly by the Environment and Combatting Committees.

The Committee also agreed on a draft HELCOM Recommendation on follow-up studies in connection with major oil spills for submission to HELCOM 12 for adoption.

Joint combattins exercises

The Committee considered the report of the Joint Informal Working Group on Joint Exercises in the Baltic Sea Area. The Committee approved the six-year exercise schedule, aims and goals for the exercises and aims for the six-year plan for operational exercises (BALEX DELTA).

The Committee considered the outcome of the alarm exercise POLREP 90 held in conjunction with the operational exercise BALEX DELTA in Poland in September 1990.

The Committee welcomed the offer of Denmark to organize the operational exercise BALEX DELTA in the Bornholm Area in autumn 1991.

Other activities in the field of CC

The Committee decided to consider the new chapters of the revised Bonn Agreement Anti-Pollution Manual in the view of including some of the chapters in the HELCOM Manual on Co-operation in Combatting Marine Pollution.

The Committee revised and updated the information on national implementation of HELCOM Recommendations in the CC field. The Committee also approved the Secretariat's proposal of having only one list HELCOM Recommendations in which all the Recommendations would be listed in numerical order with an indication of their status. The Committee further endorsed the Secretariat's proposal for informative maps of the Baltic Sea Area as well as updated the list of activities and target dates.

1.6 HELCOM **ad hoc** Group for Revision of the Convention (HELCOM GRC)

The ad hoc Group for Revision of the Convention had two meetings in 1990.

An informal preparatory meeting of HELCOM GRC was held in Helsinki 26-27 June 1990. The first meeting of HELCOM GRC was held in Helsinki 16-19 October 1990 and Delegations from all the Contracting Parties as well as an Observer from the Commission of the European Communities attended the meeting. The Executive

Secretary, Mr. Fleming Otzen, the Environment Secretary, Ms. Terttu Melvasalo, the Technological Secretary, Mr. Vassili Rodionov and the Maritime Secretary, Mr. Adam Kowalewski also attended the meeting. Mr. Pertti Harvola of Finland, Chairman of HELCOM GRC, acted as Chairman of the meeting.

HELCOM GRC had a comprehensive discussion on the issues concerning the revision of the Convention with special emphasis to, inter alia:

- enlargement of the Convention Area by inclusion of internal waters into the Convention Area;
- introduction of new definitions, such as "best available technology", "best environmental practices", "precautionary principle" and "cleaner technology" into the Convention text;
- fundamental principles and obligations;
- scope of application of the Convention;
- hazardous substances;
- principles and obligations concerning land-based pollution;
- introduction of the new provisions on non-compliance procedure into the Convention text;
- introduction of the new provisions on notification, information exchange and consultation into the Convention text.

HELCOM GRC proposed the Commission to consider and decide on the proposed revised timetable for the finalization of the work of the HELCOM GRC by the end of 1991.

HELCOM GRC, noting that the revision of some Articles of the Convention pending to a great extent on the revision of the Annexes, proposed the Commission to convene a meeting of a special expert group for revision of the Annexes to the Convention. The Group decided further to consider the proposals by the special expert group for the revision of the Annexes to the Convention at its future meetings.

HELCOM GRC requested the Commission to decide, in principle, on the inclusion of the provisions on nature conservation and biodiversity within the Convention Area into the Convention and to elaborate a new Annex to the Convention with lists of ecosystems, habitats and species to be protected and activities to be controlled as proposed by the World Wide Fund for Nature.

The Delegations of Denmark and Germany informed HELCOM GRC that Denmark and Germany intend to start jointly, as soon as possible, the amendment procedure on Articles 26 and 27 of the Convention in order to enable the European Economic Community to accede to the Helsinki Convention.

1.7 HELCOM ad hoc high level Task Force (HELCOM TF)

Background

The ad hoc high level Task Force was established within the Helsinki Commission according to the Baltic Sea Declaration adopted 3 September 1990 by the **Prime** Ministers at Ronneby, Sweden. The guidelines for the work was adopted by the Ministers responsible on environmental field at the same meeting. In accordance with the request by the Conference, the Executive Secretary of the Helsinki Commission convened the first meeting of the HELCOM ad hoc high level Task Force (HELCOM TF) in Helsinki 30 October - 2 November 1990.

The meeting elected Mr. **Göte** Svenson of Sweden as Chairman for the TF and Mr. Janusz Kindler of Poland and Mr. Dimitri Zimin of the USSR as Vice-Chairmen.

Work plan

The meeting agreed to a work plan for the TF including a detailed timetable. A comprehensive programme for decisive reduction of discharges and emissions in order to restore the Baltic Sea to a sound ecological balance should be prepared and finalized by the TF by the end of 1991 according to the Baltic Sea Declaration. The programme should be adopted at ministerial level within the framework of the Helsinki Commission. A Task Force Secretariat was established within the Helsinki Commission to coordinate the preparations of the programme.

Executing Agencies

The first meeting of the TF also agreed that the international financial institutions participating in the work of the Task Force will serve as Executing Agencies working on a **decentralized** basis. The Executing Agencies coordinating pre-feasibility studies mainly for investments in priority areas, are the European Investment Bank (EIB), European Bank for Reconstruction and Development (EBRD), Nordic Investment Bank (NIB) and World Bank.

Steering Group and the TF Secretariat

The first meeting of TF established a Steering Group to assist in the work of the TF and to provide the necessary links between the Task Force, the Helsinki Commission and the Executing Agencies. The financial implications relating to the work of the TF Secretariat was submitted for consideration by the twelfth meeting of the Helsinki Commission. The Governments are expected to respond to the request by the Ministers of the Environment who participated in the Ronneby Conference, to contribute to the work of the Task Force by assisting the Helsinki Commission Secretariat, e.g. through financial support and/or by providing expertise.

2. ADMINISTRATION OF THE COMMISSION 1990

Mr. Harald Velner and Mr. Evgeny Borisov of the USSR were respectively the Chairman and Vice-Chairman of the Commission during 1990.

Mr. Fleming Otzen acted as Executive Secretary. Ms. Terttu Melvasalo acted as Task Force Secretary from 1 December 1990 and as Environment Secretary until 30 November 1990. Ms. Eeva-Liisa Poutanen acted as Environment Secretary **a.i.** from 1 December 1990. As Maritime Secretary acted Mr. Lars G. Thorell until 31 July 1990 and Mr. Adam Kowalewski from 18 August 1990. Mr. Vassili Rodionov acted as Technological Secretary of the Commission. The other members of the staff of the Commission were Assistants Ritva **Kostakow-Kämpe**, Teija-Liisa Lehtinen, Leena **Heikkilä**, Satu Tofferi, **Håkan** Blomberg and Ms. Riitta Harjunkoski (Task Force Assistant as from 10 January 1991).

The contributions of the Contracting Parties to the budget of the Commission 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, communication and equipment expenses, a part of the salaries of the office staff as well as a part of the expenses for data handling services. The Government of Finland has also paid a special contribution to cover the purchase of personal computers.

The Government of Germany has paid the printing costs of Baltic Sea Environment Proceedings No. 35A and 35B and the Government of the USSR has placed a special contribution at the disposal of the Executive Secretary to be used primarily for data handling services.

The distribution of expenses of the Commission during the fiscal year from 1 July 1989 to 30 June 1990 was approximately as **follows**:

Meetings	450 000
Salaries	1 740 000
Other administration	1 426 000
Consultant services	436 000
Publications	<u>106 000</u>
Total	FIM 4 158 000

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The Executive Secretary was Secretary General of the eleventh meeting of the Commission and conducted the work of the Secretariat.

The Meeting of the EC was held in Copenhagen, the MC meeting in **Norrköping**, the CC meeting in Liibeck, the GRC meeting in Helsinki, the TC meeting in Gdynia and the Task Force meeting in Helsinki.

The Committee meetings were well organized by the responsible host countries and the engagement of several national authorities in the meeting arrangements provided an excellent possibility to further enhance the importance of the work within the Helsinki Commission context. All the Committee meetings were well and positively covered by the national news media.

The 12th meeting of the Chairmen and the Secretariat of the Helsinki Commission (CASH) was organized with the help of national authorities in Karlskrona, Sweden on 5 June 1990 in conjunction with the Fifth Conference on the Health of the Seas.

The meeting discussed matters related to the work of the Committees as well as the Secretariat's involvement in the preparatory work for the Baltic Sea Environment Conference. The meeting also advised the Executive Secretary on certain matters to be prepared intersessionally by the Secretariat for consideration by the Commission in 1991.

The 13th meeting of CASH was held in the Helsinki Commission Secretariat on 11 December 1990. The meeting primarily discussed matters related to preparations for the 12th meeting of the Commission as well as matters related to the Secretariat as a result of the establishment of the HELCOM ad hoc high level Task Force (HELCOM TF).

Upon invitation from the organizers of the GLOBE '90 International Conference and Exhibition in Vancouver, Canada, the Executive Secretary participated in the transport section of the Conference 21 - 23 March 1990 and presented a statement on the role of the Helsinki Commission in the maritime field - prevention and spill response.

The Executive Secretary, the Environment Secretary, the Technological Secretary and the Maritime Secretary participated in the Fifth Conference on the Health of the Seas, 6-8 June 1990, in Karlskrona, Sweden.

On 30 August 1990 the Minister for the Environment of Finland, Mr. Kaj **Bärlund** visited the Secretariat and the Minister was, anteri a, briefed on the Secretariat's view on the Helsinki Commission work.

The Executive Secretary and the Environment Secretary represented the Commission at the Baltic Sea Environment Conference in Ronneby, Sweden, 2-3 September 1990 and the Secretariat's statement was presented to the Conference as well as a Pro Memoria by the Secretariat, Baltic Sea Environment Proceedings No. 35 A and a letter from the Secretariat concerning the preparatory work of the Conference were submitted as background documents for the Conference.

In connection with the Executive Secretary's participation in the Environment Committee's meeting in Copenhagen in September 1990 the Executive Secretary had

a possibility to pay a visit to the new Director General of the National Environmental Agency, Mr. Erik Lindegaard to discuss matters relating to the work of the Commission.

The Chairman of the Helsinki Commission and the Executive Secretary participated in the Ministerial meeting in Helsinki on Technology and Financing for the Environment 29-30 October 1990.

Through the accession of the German Democratic Republic to the Federal Republic of Germany with effect from 3 October 1990, the two German States have united to form one sovereign State which, as a single Contracting Party to the Convention on the Protection of the Marine Environment of the Baltic Sea Area, remains bound by the provisions of the Convention. This single Contracting Party to the Convention is the Federal Republic of Germany.

The Executive Secretary and the Environment Secretary represented the Commission at the seminar "Gulf of Bothnia as part of the Baltic Sea" in Helsinki on 20 November 1990. They also participated in the first consultations of the Chairmen of the Environment Committee and the Secretariat, in Hamburg, in October 1990.

The Executive Secretary and the Task Force Secretary represented the Commission at the Parliamentary Conference on Cooperation in the Baltic Sea Area in Helsinki, 7-9 January 1991 and the Executive Secretary had the opportunity to present a statement on the work of the Helsinki Commission as an introduction to the Conference's discussion on cooperation in environmental matters.

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

- the Second Meeting of the Chairman, Conveners and Co-conveners of GESPA, **Sopot**, Poland, 29-31 March 1990
- the Fourth Meeting of the ad hoc Group of Experts for the Preparation of the Second Periodic Assessment (GESPA), **Sopot**, Poland, 2-5 April 1990;
- the Seventh Meeting of the Group of Experts on Airborne Pollution of the Baltic Sea Area (EGAP), Helsinki, 24-27 April 1990;
- the Fifth Meeting of the Group of Experts on Monitoring of Radioactive Substances in the Baltic Sea (MORS), Gdynia, Poland, 22-25 May 1990;
- the First Meeting of the Environment Committee (EC), Copenhagen, Denmark, 10-14 September 1990.

The Environment Secretary also carried out tasks related to the implementation of the decisions by the Baltic Sea Conference, especially concerning the tasks related to the HELCOM ad hoc high level Task Force and its First Meeting, Helsinki, 30 October - 2 November 1990. She has, furthermore, carried out tasks related to the implementation and follow-up of the decisions concerning matters in the environmental field.

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

- The First meeting of the Workshop on Harmful Substances (20-22 March 1990, Stockholm, Sweden).
- The Third meeting of the Working Group on Reduction of Industrial Discharges (RID) (14-18 May 1990, **Lübeck**, Germany).
- The First meeting of Chairmen of TC (28-29 May 1990, Helsinki, Finland).
- The Second meeting of the Workshop on Harmful Substances (3-5 September 1990, Helsinki, Finland).
- The First meeting of the Technological Committee (TC) (22-26 October 1990, Gdynia, Poland).
- Bilateral meeting of the Lead Countries for the Second Pollution Load Compilation (22-23 November 1990, Hamburg, Germany).

The meeting of the representatives of the Contracting Parties for Preparation of Summary Implementation Status Report (27-30 November 1990, Helsinki, Finland).

The Second meeting of Chairmen of TC (10 December 1990, Helsinki, Finland).

The Technological Secretary also attended the consultations with the Leningrad Environment Committee in Leningrad, the USSR in July 1990 and participated in the Hanko Center Seminar in Hanko, Finland in November 1990.

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

the fourth meeting of the Baltic Maritime Co-ordinating Meeting (BMCM) (MEPC **29**), London, United Kingdom, 11 March 1990

the sixth meeting of the ad hoc Working Group on Combatting Spillages of Harmful Substances Other than Oil (CC CHEM), Gdynia, Poland, 21-23 May 1990

the second meeting of the ad hoc Working Group on Air Pollution from Ships (MC AIR), Helsinki, Finland, 20-23 August 1990

the 16th meeting of the Maritime Committee (MC), **Norrköping**, Sweden, 18-21 September 1990

the 14th meeting of the Combatting Committee (CC), Liibeck, Germany, 8-12 October 1990

the fifth meeting of the Baltic Maritime Co-ordinating Meeting (BMCM)(MEPC **30**), London, United Kingdom, 11 November 1990.

The Maritime Secretary also carried out tasks related to the implementation and follow-up of the decisions concerning matters in the maritime and combatting fields.

Publications and Data

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

- No. 33 Activities of the Commission 1989; Including the Eleventh Meeting of the Commission held in Helsinki 13-16 February 1990
- No. 34 Study of the risk for accidents and the related environmental hazards from the transportation of chemicals by tankers in the Baltic Sea Area
- No. 35A Second periodic assessment of the state of the marine environment of the Baltic Sea Area, 1984-1988; General conclusions
- No. 35B Second periodic assessment of the state of the marine environment of the Baltic Sea Area, 1984-1988; Background document
- No. 36 Seminar on nutrients removal from municipal waste water, 4-6 September 1989, Tampere, Finland

Furthermore, the Baltic Marine Environment Bibliography for the years 1986-1988 has been distributed to the Contracting Parties and contact addresses.

The existing Baltic Monitoring Programme data have been prepared by the consultant for submission to the Contracting Parties on magnetic tapes at the beginning of February 1991. The graphic presentations of the data from selected stations, according to the agreement between the Commission and the consultant, were submitted to the First Meeting of the EC.

Furthermore, data submitted by the Contracting Parties on airborne pollution have been submitted to the consultant of the Commission, i.e., the ECE EMEP Centre NILU in Oslo, to be used by the experts of the Commission in the next evaluation of the deposition data in 1991. Data concerning radioactive substances, both environmental data and release data, have been submitted to the consultants (Finnish Institute of Marine Research, FIMR and the Finnish Centre for Radiation and Nuclear Safety, STUK), and distributed to the contact points during 1990.

Cooperation with other International Organizations

The following organisations were observers of the Commission during 1990:

- United Nations Environment Programme (UNEP)
- United Nations Economic Commission for Europe (ECE)
- International Maritime Organisation (IMO)
- World Health Organisation, Regional Office for Europe (WHO/EURO)
- Oslo and Paris Commission (OSCOM / PARCOM)
- International Baltic Sea Fishery Commission (IBSFC)
- International Council for the Exploration of the Sea (ICES)
- International Atomic Energy Agency (IAEA)
- World Meteorological Organization (WMO)
- Intergovernmental Oceanographic Commission (IOC)
- Commission of the European Communities (CEC)
- Stichting Greenpeace Council, Greenpeace International

In addition to the representation of the observer organizations at the eleventh meeting of the Commission, a representative of ICES, a representative of IOC, a representative of IBSFC and two representatives of WHO attended the first meeting of the EC. Also a representative of Greenpeace International gave a statement at the meetings of EC 1 and TC 1 as agreed by the Commission. Representatives of the International Council for the Exploration of the Sea (ICES), the Baltic Marine Biologists (BMB) and the Conferences of Baltic Oceanographers (CBO) attended the fourth meeting of GESPA. Representatives of the EMEP Meteorological Synthesising Centres - West and East, attended the seventh meeting of the EGAP and a representative of IAEA, the International Laboratory of Marine Radioactivity (ILMR) attended the fifth meeting of the MORS. A representative of ICES attended the first meeting of the Workshop on Harmful Substances.

A representative of IMO attended the sixth meeting of CC CHEM. A representative from Norway and a representative of IMO attended the second meeting of MC AIR. The Commission of the European Communities was represented at the first meeting of HELCOM GRC.

The Commission was represented by Ms. Eliisa Leino of Finland at the 14th meeting of the Working Group on Oil Pollution (GOP) of the Paris Commission in Copenhagen in February 1990, by Mr. Tapani Kohonen of Finland at the 17th meeting of the Technical Working Group (TWG) of the Paris Commission and by Mr. Julius Lassig of Finland at the 17th meeting of the Standing Advisory Committee for Scientific Advice (**SACSA**) of the Oslo Commission in Edinburgh, the U.K. in March 1990, by Mr. Michael von **Websky** of Germany at the 12th Joint meeting of the Oslo and Paris Commissions and by Mr. Julius Lassig of Finland at the 16th meeting of the Oslo Commission in Reykjavik, Iceland in June 1990.

The Commission was represented by Mr. Stig **Carlberg** of Sweden at the meeting of the Conferences of Baltic Oceanographers (CBO) in Sweden in September 1990, and by Mr. Jiirgen Lennartz of Germany at the first meeting of the Joint Working Group on the Review of the Oslo and Paris Conventions, in Berlin, in November 1990.

The Commission was represented by Mr. Preben Stamp of Denmark at the Meeting of the Contracting Parties to the Copenhagen Agreement in Norway, August 1990, and by the Chairman of the Combatting Committee, Mr. Oleg Khalimonov of the USSR, at the Preparatory Meeting for the Conference on International Co-operation on Oil Pollution Preparedness and Response held in London, United Kingdom, in May 1990 as well as in the Conference on International Co-operation on Oil Pollution Preparedness and Response, London, United Kingdom, in November 1990.

The Environment Secretary represented the Commission at the meeting of the **ICES** Working Group on Baltic Marine Environment in April in Tallinn, USSR, at the meeting of the North Sea Task Force in May in Helsinki-Stockholm, in the Intercalibration Workshop in August in **Visby**, Sweden, in the meeting of the IBSFC

in September in Warsaw, Poland, at the ICES Statutory Meeting in October in Copenhagen. The Environment Secretary, **a.i.**, represented the Commission at the seventh session of the Scientific Committee for the Global Investigation of Pollution in the Marine Environment (GIPME), in Paris, France, in January 1991, at the **EUROMAR** Seminar in London, United Kingdom, in January 1991 and the 16th meeting of the Joint Monitoring Group (JMG) of OSCOM/PARCOM, in Brighton, United Kingdom, in January/February 1991.

The Technological Secretary represented the Commission at the 3rd North Sea Conference in The Hague, the Netherlands in March 1990, at the International Conference "Energy and the Environment" in **Jönköping**, Sweden in April 1990, at the Fifth International Conference on the Health of the Seas in Karlskrona, Sweden in June 1990, at the 12th meeting of the Paris Commission in Reykjavik, Iceland in June 1990 and the 1st meeting of the Working Group for Diffuse Sources (DIFFCHEM) of the Paris Commission in Brussels, Belgium in December 1990.

The Maritime Secretary represented the Commission at the 29th (March 1990) and 30th (November 1990) sessions of **IMO's** Marine Environment Protection Committee (MEPC) in London, United Kingdom, and at the joint operational oil combatting exercise held in conjunction with POLREP 90 in Poland in September 1990. The Maritime Secretary also participated in an Inter-Secretariat meeting to prepare the International Seminar on the Protection of Sensitive Sea Areas, which was organized in cooperation with i.a. IMO, HELCOM and the USSR State Committee for Environment Protection and held in **Malmö**, Sweden, in September 1990.

3. TWELFTH MEETING OF THE COMMISSION, 19-22 FEBRUARY 1991

The Helsinki Commission held its twelfth meeting in Helsinki from 19 to 22 February 1991. The meeting was attended by representative% of the Governments of the six Baltic Sea States as well as by observers from the following intergovernmental organizations: International Baltic Sea Fishery Commission (IBSFC), International Council for the Exploration of the Sea (ICES), International Maritime Organization (**IMO**), **Oslo** and Paris Commissions (**OSCOM/PARCOM**) and the Commission of the European Communities (CEC). The meeting was further attended by observer% from the non-governmental international organizations Greenpeace International as well as a% Coalition Clean Baltic (CCB) and World Wide Fund for Nature (WWF). The Commission granted observer status to CCB and WWF from the start of the meeting. A representative of the Government of the Czech and Slovak Federal Republic attended the meeting during the Commission's discussions on matter% related to the HELCOM ad hoc high level Task Force. The meeting was chaired by the Chairman of the **Commission**, Mr. Harald Velner from the USSR. Mr. Fleming Otzen, Executive Secretary of the Commission acted as Secretary General of the meeting.

The Commission considered and decided upon matter% within the environment, technological, maritime and legal fields related to the protection of the Baltic Sea as well as upon matters related to cooperation in combatting pollution **on** the sea and matters related to the work of the HELCOM ad hoc high level Task Force.

The preparatory work had been done during the intersessional period by the six subsidiary bodies (EC, TC, MC, CC, HELCOM GRC and HELCOM TF) and several working groups as well as ad hoc working groups and informal expert meetings.

HELCOM Recommendations adopted by the 12th meeting of the Commission

The Commission adopted one HELCOM Recommendation related to the field of the Environment Committee (EC), concerning:

Procedures for granting permits for monitoring and research activities in the territorial waters and exclusive economic zones, fishing zones or continental shelves (HELCOM Recommendation **12/1**)

as well as three recommendations related to the field of the Technological Committee(concerning:

Information and consultation with regard to construction and new installation affecting the Baltic Sea (HELCOM Recommendation 12/2)
Definition of best available technology (HELCOM Recommendation 12/3)
Industrial connections to municipal sewerage networks (HELCOM Recommendation 12/4).

Furthermore the Commission adopted one recommendation related to the field of the Maritime Committee (MC), concerning:

Promotion of the use of safer tankers while carrying oil (HELCOM Recommendation 12/5)

as well as four recommendations related to the field of the Combatting Committee (CC), concerning:

Development and use of oil drift forecasting (HELCOM Recommendation 12/6)
Special cooperation in case of a chemical tanker accident in the Baltic Sea (HELCOM Recommendation 12/7)
Airborne surveillance with remote sensing equipment in the Baltic Sea Area (HELCOM Recommendation 12/8)
Follow-up studies in connection with major oil spills (HELCOM Recommendation 12/9).

All recommendations adopted by the twelfth meeting of the Commission are attached to this report.

Matters related to the administration of the Commission

The Commission adopted the budget for the fiscal year 1 July 1991 - 30 June 1992 of the order of FIM 5,7 million as well as the budget for the HELCOM ad hoc high level Task Force for the period 1 December 1990 to 30 November 1991 of the order of FIM 2,8 million.

The Commission took note of the information on the national activities in general related to the protection of the Baltic Sea provided by the Baltic Sea States.

The Commission requested the Contracting Parties to submit to the 13th meeting of the Commission national reports concerning the implementation of the 50% reduction goal of the Ministerial Declaration, taking into account the results of the second pollution load compilation and the development within the ad hoc high level Task Force.

The Commission took note of the compilation of HELCOM Recommendations which are still subject to implementation as well as recommendations already implemented or superseded by other recommendations. The Commission requested the Secretariat to keep the compilation updated. The compilation is attached to this report.

The Commission further took note of the status report submitted by the Secretariat on implementation of other parts of the Ministerial Declaration 1988 as deducted from the work of the Committees. The Commission considered matters related to the inventory decided upon at its last meeting concerning the need for investments by the Contracting Parties to fulfill their HELCOM commitments and held the opinion that this matter was now within the scope of the ad hoc high level Task Force, **i.a.**, relating to its work in connection with the feasibility studies and the compilation of the concrete national plans for the reduction of pollution on the Baltic Sea.

In order to overcome the general trend by the Contracting Parties to be late in responding to requests by the Committees and the Secretariat the Commission requested the subsidiary bodies and the Secretariat to give further attention to

the establishment of realistic deadlines for the Contracting Parties' response to such requests.

The Commission requested the Secretariat to coordinate the work of the Task Force with that of the Committees and their subsidiary bodies in such a way that delays in the work plans of the Committees and their subsidiary bodies will be avoided. The Commission also emphasized the importance of close intersessional cooperation between the Chairmen, Vice-Chairmen of the Commission's subsidiary bodies and the Secretariat as a prerequisite for success in the activities of these bodies.

The Commission requested the Secretariat to assess the work of the Committees and their subsidiary bodies and make the consequential proposals, as well as the Commission encouraged the Secretariat's endeavours to propose further initiatives to be taken within the framework of the Commission.

The Commission decided to prolong the term of office of the Executive Secretary, Mr. Fleming Otzen, until 31 July 1992 as well as approved the proposal by the Executive Secretary to prolong the term of office for the Technological Secretary, Mr. Vassili Rodionov until 31 July 1994.

The Commission approved the proposal by the Executive Secretary to enlarge the staff of the Commission with one extra person in the G-staff to assist in the administrative part of the Secretariat's work.

Matters related to the Environment Committee (EC)

The Commission approved the report of the first meeting of the EC in general. The substantive items from the report are described in detail under Chapter 1.2 of this report.

The Commission was informed about the preparation of the evaluation report on airborne pollution of the years 1986-1990 and the preparation of a compiled map on the distribution of the deposition of Cs-137 and 134 of the Chernobyl fallout in the drainage area of the Baltic Sea. The Commission was furthermore informed about the Second Periodic Assessment of the State of the Marine Environment of the Baltic Sea, 1984-1988 published in the Baltic Sea Environment Proceedings (BSEP 35A & 35B). The Commission stressed the importance of the conclusions of the assessment group and requested the Contracting Parties to consider especially the part "Action required" and to participate actively in the related activities and projects.

Noting the importance of a compiled coastal assessment of the Baltic Sea Area, the Commission requested the Contracting Parties to prepare and provide their national reports before 15 April 1991 to be able to have the coastal assessment finalized earlier than 1993, as originally planned.

The Commission decided that the first sediment baseline study of the Commission be conducted by ICES in 1993 and requested all Contracting Parties to nominate experts to the steering body for the project and to assist in granting appropriate permissions for sediment sampling in the economic zones and territorial seas during the study. The Commission adopted the Recommendation concerning procedures for granting permits for monitoring and research activities in the territorial waters and exclusive economic zones, fishing zones or continental shelves, as HELCOM Recommendation 12/1.

The Commission endorsed the action proposed to further develop the Baltic Marine Environment Bibliography by printing the bibliographic data periodically in the BSEP, by inclusion of abstracts and by distributing the bibliographic data on diskettes. The funds allocated to the data handling of the HELCOM monitoring data and the bibliographic data were increased substantially.

Matters related to the Technological Committee (TC)

The Commission approved the report of the first meeting of the Technological Committee (TC) in general. The substantive items from the report are described in detail under chapter 1.3 of this Report.

The Commission adopted the "Baltic Sea list of priority harmful substances other than nutrients for immediate action in order to reach the 50% reduction goal by 1995" and invited the Contracting Parties to present to the Technological Committee and its subsidiary bodies the priority order of these substances in their countries as well as the information on main sources.

The Commission took note of the progress report on implementation of the 50% reduction part of the Ministerial Declaration 1988 as well as recognised that the input data reported by the Contracting Parties vary in many aspects with regard to, e-g, sampling and analytical methods used as well as to methods of calculation applied. Due to these reasons, in addition to missing data, it was not possible to make any calculations concerning the 1987 total amount of inputs for specific pollutants or to compare data from different countries. The progress report on implementation is attached to this report.

The Commission further took note of the implementation status report concerning HELCOM Recommendations associated with the goal of the Ministerial Declaration 1988 and further noted that the Lead Countries were requested to revise/update the progress report on implementation of HELCOM Recommendations. The Commission agreed that after approval by the subsidiary bodies of the Technological Committee in April/May 1991 the progress reports should be published in a separate issue of the Baltic Sea Environment Proceedings (BSEP) series together with the progress report on implementation of the 50% reduction part of the Ministerial Declaration 1988, the status report of implementation of other parts of the Ministerial Declaration 1988 and the compilation of HELCOM Recommendations.

The Commission was informed on the preparation of the Draft list of substances banned to be used as biocides" and invited the Technological Committee and its subsidiary bodies to prepare for consideration by HELCOM 13 an appropriate draft HELCOM Recommendation.

The Commission was informed also of the plans to speed up the preparation of the Second Pollution Load Compilation and endorsed the updated order of the work for this project.

The Commission adopted new HELCOM Recommendations concerning information and consultation with regard to construction of new installations affecting the Baltic Sea, a definition of best available technology as well as a revised HELCOM Recommendation concerning industrial connections to municipal sewerage networks.

The Commission decided to establish two working groups under the TC in 1991 - the Working Group on Reduction of Discharges and Emissions from Point Sources (TC POINT) and the Working Group on Reduction of **Inputs** from Diffuse Sources (TC DIFF). The decision was made with the understanding that TC POINT will substitute the present Working Group on Reduction of Industrial Discharges (RID) with expanded terms of reference. The Commission further adopted the terms of reference for the two new working groups.

Matters related to the Maritime Committee (MC)

The Commission approved the report of the 16th meeting of the Maritime Committee in general. The substantive items from the report are described in detail under Chapter 1.4 of this publication.

When considering the substantive items from the report of MC 16 the Commission adopted the draft HELCOM Recommendation on the promotion of the use of safer tankers while carrying oil as HELCOM Recommendation 12/5. The Recommendation emphasises, inter alia, that the Governments of the Contracting Parties to the Helsinki Convention should promote the use of environmentally safer oil tankers by reduction of navigational or other similar fees for tankers equipped with double bottoms or otherwise arranged for efficient reduction of oil outflow in case of groundings or collisions.

With regard to air pollution from ships the Commission considered the draft HELCOM Recommendation entitled Early Measures to Reduce Sulphur in Marine Fuel Oils and to Prohibit the Addition of Chemicals or Other Wastes, Harmful to the Environment, into Such Oils in the Baltic Sea Area. After careful consideration the Commission decided that the adoption of the draft HELCOM Recommendation is premature since the decisions on the sulphur content in marine fuel oils should be taken on a global level in IMO. The International Standardisation Organisation (ISO) should be approached to revise the standards of bunker fuel oils in order to avoid the addition of chemicals and other wastes into such oils. Therefore, the Commission requested the Maritime Committee to reexamine the draft Recommendation after the decisions on air pollution from ships are taken in IMO.

The Commission further decided to postpone the third meeting of the ad hoc Working Group on Air Pollution from Ships (MC AIR) and authorized the Maritime Committee to decide on the convening of MC AIR 3 after the consideration of the developments on this issue in IMO.

Matters related to the Combatting Committee (CC)

The Commission approved the report of the 14th meeting of the Combatting Committee in general. The substantive items from the report are described in detail under Chapter 1.5 of this publication.

The Commission adopted four HELCOM Recommendations within the CC field, i.e. on development and use of oil drift forecasting, special cooperation in case of a **chemical tanker** accident in the Baltic Sea Area, airborne surveillance with remote sensing equipment in the Baltic Sea Area and follow-up studies in connection with major oil spill as HELCOM Recommendations 12/6, 12/7, 12/8 and 12/9, respectively.

The Commission noted the Provisional Guidelines for applying HELCOM Recommendation 11/13 on development of national ability to respond to spillages of oil and other harmful substances as well as the Guidelines for oil spill follow-up studies to be used in applying HELCOM Recommendation 12/9 elaborated jointly by the Environment and Combatting Committees.

The Commission was also informed that the Combatting Committee had accepted the plan for joint surveillance flights and a six-year schedule for joint combatting exercises.

Matters related to the HELCOM ad hoc Group for Revision of the Convention (HELCOM GRC)

The Commission approved the revised timetable for the finalisation of the work of HELCOM GRC by the end of 1991 as proposed by HELCOM GRC 1. The Commission also approved that a meeting of a special expert group on revision of annexes to the Convention be convened 8-12 April 1991 to consider the issues requested by HELCOM GRC 1. The Commission decided that the non-governmental observer organizations (i.e. Greenpeace International, World Wide Fund for Nature and Coalition Clean Baltic) as well as the International Chamber of Commerce should be invited for hearings at the next meeting of HELCOM GRC (25-28 June 1991) and invited these organisations to base their comments and submissions on the report of HELCOM GRC 1 and other relevant documents.

Having regard to the report of HELCOM GRC 1 the Commission endorsed the inclusion of internal waters in the Convention Area provided that guidelines on activities and obligations in the internal waters be elaborated. The Commission also endorsed the inclusion of additional provisions on information exchange and consultation. The Commission requested HELCOM GRC to consider the inclusion in the Convention text of provisions on nature conservation and biodiversity as well as provisions on improvement of the implementation of relevant instruments. The Commission also authorized HELCOM GRC to elaborate the appropriate type of legal instrument to revise the Convention.

The Commission endorsed the initiative by Denmark and Germany to amend the Convention in accordance with Article 23 by a provision enabling the European Economic Community to accede to the Helsinki Convention as well as the proposal that HELCOM GRC should provide EEC with the possibility for signature of the revised Convention irrespectively of the acceptance procedure of the amendments concerning the accession of EEC to the present Convention.

Matters related to the HELCOM ad hoc high level Task Force (HELCOM TF)

The Commission approved the establishment of the HELCOM ad hoc high level Task Force within the Helsinki Commission. The Commission was informed on the progress in the TF project, of which the background is described under Chapter 1.7 of this report.

The Commission was informed on the status of the national plans, which countries, members of the HELCOM TF, were requested by the Baltic Sea Environment Conference, to submit by the end of January 1991 as a basis for the HELCOM TF work. The Commission was furthermore informed on the progress in the work within the HELCOM TF under the responsibility of the four international financial institutions serving as Executing Agencies for the pre-feasibility studies mainly for investments in priority areas.

The Commission recalled the decision by the Prime Ministers at the Baltic Sea Conference, that the outcome of the work of the HELCOM TF, the Joint Comprehensive Programme, which should be ready by the end of 1991, should be decided upon at ministerial level in the framework of the Helsinki Commission. The Commission noted that the ministers will decide upon the dates for the ministerial meeting, and held the view, that the finalising of the technical annexes to the Joint Comprehensive Programme would not be a prerequisite for holding the ministerial meeting.

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HELCOM RECOMMENDATION 12/1

Adopted 21 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention

PROCEDURES FOR GRANTING PERMITS FOR MONITORING AND RESEARCH ACTIVITIES IN THE TERRITORIAL WATERS AND EXCLUSIVE ECONOMIC ZONES, FISHING ZONES OR CONTINENTAL SHELVES

THE COMMISSION,

RECALLING the provisions of Articles 4 and 16 of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974, (Helsinki Convention), concerning the application of the Convention and scientific and technological cooperation,

RECALLING ALSO HELCOM Recommendation 9/7 concerning Guidelines for the Baltic Monitoring Programme,

RECALLING **FURTHER** Paragraph 13 in the Baltic Sea Declaration in which the Heads of Governments and Ministers of the Contracting Parties to the Helsinki Convention, inter alia, declare their firm determination to extend and strengthen the programme of monitoring in order to improve the assessment of the present and future state of the marine environment of the Baltic Sea Area,

TAKING INTO **ACCOUNT** that proposals on forthcoming multinational experiments vital for the scientific understanding of the Baltic Sea ecosystem and its contaminant load as e.g. in the sediment baseline study scheduled for 1993 and programmes on fluxes of contaminants through the coastal zone would need work in the territorial waters and/or in surface sediments of the exclusive economic zones, fishing zones or continental shelves,

REALIZING the necessity of instant and joint investigations at sudden extreme events as for example the inflow of high salinity water masses into the Baltic Sea or the *Chrysochromulina polylepis* bloom in Kattegat-Skagerrak 1988,

CONVINCED that a prerequisite for a successful implementation of joint monitoring programmes carried out by the Baltic Sea States is the application of smooth national administrative procedures for granting timely cruise permits for exclusive economic zones, fishing zones, continental shelves or territorial waters,

REGRETTING that no real improvements of the national administrative procedures have been experienced during recent years,

REGRETTING ALSO that the present national administrative practices frequently create major problems for the implementation of joint monitoring programmes,

URGES the Contracting Parties to the Helsinki Convention to grant one year permits for planned research activities in the exclusive economic zones, fishing zones or continental shelves, in the framework of the BMP, during which period the coastal state is only to be notified in advance for each individual cruise,

URGES ALSO the Contracting Parties to the Helsinki Convention to facilitate and without unnecessary delay grant the permits in connection with the BMP and for research vessels for all Baltic Sea States to carry out joint scientific studies of common interest, and to submit to the Environment Committee information about their efforts made in this respect.



HELCOM **RECOMMENDATION 12/2**

Adopted 20 February 1991,
having regard to Article 13, Paragraph b)
of the Helsinki Convention

INFORMATION AND CONSULTATION WITH **REGARD** TO CONSTRUCTION OF NEW INSTALLATIONS
AFFECTING THE BALTIC SEA

THE COMMISSION,

RECALLING Article 3 of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974 (Helsinki Convention), in which the Contracting Parties undertake to take individually or jointly all appropriate legislative, administrative or other relevant measures in order to prevent and abate pollution and to protect and enhance the marine environment of the Baltic Sea Area,

RECALLING ALSO that according to Article 16 the Contracting Parties, without prejudice to their sovereign rights, agreed directly, or when appropriate through competent regional or other international **organizations**, to promote studies, undertake, support or contribute to programmes aimed at developing ways and means for the assessment of the nature and extent of pollution, pathways, exposures, risks and remedies in the Baltic Sea Area,

HAVING **REGARD** to Paragraphs 1 and 17 of the Baltic Sea Declaration 1990 in which the Heads of the Governments stated their firm determination, inter alia, to assure the ecological restoration of the Baltic Sea and preservation of its ecological balance as well as to undertake to integrate environmental considerations into the procedures for planning future development in all economic and social processes,

BEING CONSCIOUS of the particular sensitivity of the marine environment of the Baltic Sea, and of the economic, social and cultural values the Baltic Sea and its living resources represent for the peoples of the Baltic Sea States,

BEING CONVINCED that damage to the marine environment can be irreversible or remediable only in a long term perspective and at considerable expense and that, therefore, a principle of precautionary approach should be applied, not to wait for full and undisputed scientific proof of harmful effects before taking appropriate preventive action,

RECOGNIZING that harmful effects might be caused by pollution as well as by disturbance of natural hydrological, hydrochemical and biological regime,

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

- 1) inform and, where necessary, consult with any Contracting Party likely to be significantly affected by the construction of an installation with a significant adverse impact on the Baltic Sea where an Environmental Impact Assessment is required by either national or international law;

- 2) ensure that where two or more Contracting Parties share a common body of water, the relevant authorities of those countries cooperate to ensure that the significant adverse environmental effects on that body of water of a proposal (including where appropriate the effects of related proposals and cumulative effects) are fully investigated before a decision on that proposal is made.
- 3) inform the Commission on such installations as described under Paragraph 1).



HELCOM RECOMMENDATION **12/3**

Adopted 20 February 1991,
having regard to Article 13, Paragraph b)
of the Helsinki Convention

DEFINITION OF BEST AVAILABLE TECHNOLOGY

THE COMMISSION,

RECALLING Paragraph 1 of Article 6 of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974 (Helsinki Convention), in which the Contracting Parties undertake to take all appropriate measures to control and minimize land-based pollution of the marine environment of the Baltic Sea Area,

RECALLING ALSO Paragraph 2 of Article 2 of the Helsinki Convention, in which the "land-based pollution" is defined as pollution of the sea caused by discharges from land reaching the sea waterborne, airborne or directly from the coast,

RECALLING FURTHER Paragraphs 3 and 4 of Annex III to the Helsinki Convention, in which the Contracting Parties agree to minimize the polluting load of industrial wastes in an appropriate way, and in particular by processing techniques, re-circulation and re-use of processing water, developing of water economy and improvement of qualification for water treatment,

HAVING REGARD to the Ministerial Declaration of 1988 and to the Baltic Sea Declaration of 1990, calling, inter alia, for a substantive reduction of the load of pollutants most harmful to the ecosystem of the Baltic Sea,

HAVING ALSO REGARD to the fact that reference is made *in* various Helsinki Commission Recommendations to the use of best available technology,

BEING AWARE that from environmental point of view, the reduction of discharges, resulting from the use of "best available technology", as defined in this Recommendation, does not necessarily lead to environmentally acceptable results,

BEING FURTHER AWARE that what is "best available technology" for a particular process will change with time in the light of technological advances, economic and social factors, as well as changes in scientific knowledge and understanding,

RECOGNIZING FURTHER, according to the Paragraph 2 of Article 3 of the Helsinki Convention, that application of the best available technology should not result in any increase in pollution in other sea areas or in other parts of the environment or any increased risk to the human health or living resources in countries where the environmental regulations are less stringent,

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

the term "best available technology" is taken to mean the latest stage of development (state of the art) of processes, of facilities or of methods of operation which indicate the practical suitability of a particular measure for limiting discharges. In determining whether a set of processes, facilities and

methods of operation constitute the best available technology in general or individual cases, special consideration should be given to:

comparable processes, facilities or methods of operation which have been recently successfully tried out;

technological advances and changes in scientific knowledge and understanding;

the economic feasibility of such technology;

time limits for application;

the nature and volume of the effluents concerned;

the precautionary principle, i.e. action should be taken when there is reason to assume that certain damage or harmful effects on the living resources of the sea are likely to be caused by discharged substances, even where there is no scientific evidence to prove a causal link between discharges and effects caused by substances, e.g. those considered to be harmful due to their toxicity, persistency and liability to bioaccumulate,

RECOMMENDS FURTHER that:

if the reduction of emissions resulting from the use of best available technology does not lead to environmentally acceptable results, additional measures be applied;

- in order to attain the objectives, the intensified exchange of information and knowledge regarding best available technology be promoted;
- the definition of best available technology be reviewed, when appropriate.



HELCOM RECOMMENDATION 12/4 *)

Adopted 20 February 1991,
having regard to Article 13, Paragraph b)
of the Helsinki Convention

INDUSTRIAL CONNECTIONS TO MUNICIPAL SEWERAGE NETWORKS

THE COMMISSION,

RECALLING Paragraph 1 of Article 6 of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974, (Helsinki Convention), in which the Contracting Parties undertake to take all appropriate measures to control and minimize land-based pollution of the marine environment of the Baltic Sea Area,

RECALLING ALSO that Annex II of the Helsinki Convention defines a list of harmful substances for the purpose of Article 6 of the Convention,

RECOGNIZING that heavy metals and other harmful substances originating from industrial plants and other point sources can not be sufficiently reduced in municipal treatment plants,

DESIRING to limit this pollution,

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

- a) the receiving water must not be harmed by substances persistent, toxic or bioaccumulating from point sources that can not be treated in the municipal sewage treatment plant;
- b) before connection to the municipal treatment plant of such waste water a pretreatment utilizing BAT (best available technology) is recommended;
- c) the municipal sewage treatment plant must be protected from these substances or other properties that may disturb the processes in the plant or be harmful to the personnel;
- d) the quality of the sludge in the sewage treatment plant must not be deteriorated in a way that makes the sludge inappropriate for agricultural use or other purposes in an environmentally sound way;
- e) the sewerage system must not be deteriorated due to the content of substances in the effluent water from industries and other point sources:

*) This Recommendation supersedes HELCOM Recommendation 7/4.

- f) limit values for these substances based on the best available technology should be established separately for industry and other relevant sectors discharging indirectly;
- g) industrial connections must be authorized before the connection is made and supervised by authorities thereafter,

RECOMMENDS FURTHER that the actions taken by the Contracting Parties should be reported to the Commission in 1994 and thereafter every three years.



HELCOM RECOMMENDATION **12/5**

Adopted 20 February 1991, having regard
to Article 13, Paragraph b)
of the Helsinki Convention

PROMOTION OF **TEE USE** OF SAFER **TANKERS** WHILE CARRYING OIL

TEE COMMISSION,

NOTING Article 7 and Annex IV of the Helsinki Convention,

NOTING ALSO that the Baltic Sea Area has been designated as a Special Area under
Annex **I** of **MARPOL 73/78** - as an area requiring special protection,

TAKING INTO ACCOUNT the IMO Assembly resolution **A.388(X)** from 14 November 1977
concerning Tonnage Measurements of Ballast Spaces in Segregated Ballast Oil
Tankers,

TAKING ALSO INTO ACCOUNT Paragraph 16 of the Baltic Sea Declaration adopted by
the Baltic Sea Conference held in Ronneby, Sweden, **2-3** September 1990,

RECGGNIZING that grounding and collision are the most common reasons for serious
maritime accidents involving escape of oil in the Baltic Sea Area,

RECOGNIZING ALSO that the combatting of the effects of these accidents is also
hampered by adverse weather conditions, and combatting, particularly in winter
conditions, is often hard to perform,

CONSIDERING that there are constructional arrangements, both existing and under
development, constituting effective means to minimize the effects of accidents,

CONSIDERING ALSO that the new requirements on structure and arrangement of
tankers should be established only via global instruments,

CONSCIOUS that while awaiting such international requirements, the use of
environmentally safer oil tankers should be encouraged as much as possible,

RECOMMENDS that Governments of the Contracting Parties to the Helsinki Convention
should promote the use of environmentally safer oil tankers by reduction of
navigational or other similar fees - either exactly as expressed or by other
means e.g. reduction of total tonnage constituting the base for such fees - for
tankers equipped with double bottoms or otherwise arranged for efficient
reduction of the accidental outflow of oil,

RECOMMENDS ALSO that Governments of the Contracting Parties to the Helsinki
Convention cooperate with IMO on the promoting and development of international
requirements on arrangements for retaining oil cargo on board tankers in the
event of accidents resulting in outflow of oil.



HELCOM RECOMMENDATION **12/6**

Adopted 20 February 1991, having regard
to Article 13, Paragraph b)
of the Helsinki Convention

DEVELOPMENT AND USE OF OIL DRIFT FORECASTING

THE COMMISSION,

RECALLING HELCOM Recommendation **11/13** concerning the development of national
ability to respond to spillages of oil and other harmful substances,

RECALLING ALSO HELCOM Recommendation **10/10** concerning measures in order to
minimise pollution from offshore installations,

BEING AWARE of the importance of early prediction of the drift of oil in
connection with major oil spills for the efficiency of the response measures and
by that the protection of the marine environment,

NOTING the necessity to strengthen the case against offenders of the regulations
concerning discharge of oil into the sea and the need to find new ways to bring
evidence to court in this matter,

TAKING INTO CONSIDERATION that the implementation of new systems for the support
of the combatting operations in the Baltic Sea Area could be accelerated by
cooperation between the Parties,

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

- a) to develop and implement oil drift forecast systems to be used in
connection with all major oil spills in the Baltic Sea Area not later
than 1993 and to cooperate closely when developing these forecasting
systems;
- b) to facilitate the support of such forecasting techniques also in the
event of a major oil spill before that time by making interim
agreements on joint use of already existing systems;
- c) to use oil drift forecasting as a mean to facilitate prosecution of
offenders of oil discharge regulations and to bring further evidence
to court for the prosecution of offenders of oil discharge
regulations. The oil drift forecasting can also be used in the **reverse**
mode, if appropriate;

AUTHORIZES the Combatting Committee to adopt technical guidelines for the
implementation of this Recommendation and to supplement the Manual on Co-
operation in Combatting Marine Pollution by a new chapter regarding oil drift
forecasting.



HELCOM RECOMMENDATION 12/7

Adopted 20 February 1991, having regard
to Article 13, Paragraph b)
of the Helsinki Convention

SPECIAL COOPERATION IN CASE OF A CHEMICAL TANKER ACCIDENT IN THE BALTIC SEA

THE COMMISSION,

RECALLING Article 11 and Annex VI of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974, (Helsinki Convention), concerning cooperation in combatting marine pollution which also covers cooperation in combatting chemical spillages,

RECALLING ALSO the provision of Regulation 9.1.d of Annex VI to the Convention, which establishes an information network between the competent authorities of the Contracting Parties,

RECALLING FURTHER that HELCOM Recommendation 11/13 concerning the development of national ability to respond to spillages of oil and other harmful substances establishes common requirements for national ability to combat chemical spillages,

RECOGNIZING that in combatting chemical spillages, special expertise on several fields is needed, and all necessary experts may not be available in each of the Contracting Parties, especially if the accident occurs off the coast of a Contracting Party where the chemical concerned is not used on a large scale,

RECOGNIZING ALSO that disposal of chemical wastes originated from the combatting operation may cause overwhelming difficulties to the third Parties not using that chemical,

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

- a) nominate a contact point through which competent authorities of other Contracting Parties can, in emergency situations, without delay get information on the chemicals carried by a tanker from or to a harbour of a Party concerned;
- b) by national measures create as soon as possible but not later than by the end of 1992 an information system which would, in case of a chemical spillage, facilitate access by the competent authorities to data concerning the chemicals carried by the tankers;
- c) provide, in accordance with Regulation 8 of Annex VI to the Convention, and within their ability, other Parties with special assistance like experts to respond to chemical spillages, special protective clothing and equipment for combatting personnel, and special instruments for chemical analyses,

RECOMMENDS ALSO that the Governments of the Contracting Parties inform each other of their national facilities where chemical wastes emanating from combatting operations can be treated and disposed of and make all efforts to provide necessary waste treatment possibilities after an accident has occurred off the coast of another Contracting Party,

AUTHORIZES the Combatting Committee to develop an appropriate section concerning the implementation of this Recommendation to be included into the Manual on Co-operation in Combatting Marine Pollution,

URGES FURTHER that action taken by the Contracting Parties to implement this Recommendation should be reported to the Commission and its Combatting Committee for the first time before 30 May 1993.



HELCOM RECOMMENDATION 12/8 *)

Adopted 20 February 1991 having regard
to Article 13, Paragraph b) of the
Helsinki Convention

AIRBORNE SURVEILLANCE WITH REMOTE SENSING EQUIPMENT IN THE BALTIC SEA AREA

THE COMMISSION,

RECALLING Regulation 3 of Annex VI of the Helsinki Convention according to which
the Contracting Parties shall develop and apply, individually or in co-
operation, surveillance activities covering the Baltic Sea Area, in order to
spot and monitor oil and other harmful substances released into the sea,

BEING CONVINCED that airborne surveillance with remote sensing capabilities
provides a greatly enhanced capability for improving the response to major oil
releases of the shipping casualty type,

ALSO BEING CONVINCED that airborne surveillance with remote sensing capabilities
provides a potential improvement in the ability to collect evidence for
prosecution purposes in cases of illegal operational discharges from ships,

FURTHER BEING CONVINCED that regular airborne surveillance has a deterrent effect
on potential offenders of the discharge regulations of the relevant conventions,

CONSCIOUS that the surveillance can only be efficient if remote sensing
equipment, that can function also at night and in bad weather, is used,

NOTING that joint action by the Parties on aerial surveillance has started in
accordance with a special HELCOM plan,

RECALLING that the Ministerial Declaration of the ninth meeting of the Helsinki
Commission calls for the development and establishment of airborne surveillance
with adequate sensor systems,

RECALLING FURTHER that the Baltic Sea Declaration by Heads of Governments and
Ministers assembled in Ronneby, Sweden, in September 1990, stressed the need to
encourage considerably intensified cooperation regarding airborne surveillance
between the respective competent authorities,

RECOMMENDS that the Governments of the Contracting Parties to the Helsinki
Convention should introduce airborne surveillance with remote sensing equipment
in their surveillance of the Baltic Sea Area as soon as possible but not later
than by the end of 1994,

*) This Recommendation supersedes HELCOM Recommendation 7/11.

RECOMMENDS ALSO that the Governments of the Contracting Parties to the Helsinki Convention take action to

- a) intensify their endeavour to cover by individual/and joint action the whole of the Baltic Sea Area with regular and efficient airborne surveillance;
- b) develop and improve the existing remote sensing systems so that they can function efficiently also at night and in bad weather conditions; and
- c) improve the possibility to use the information given by the surveillance as evidence to court for the prosecution of offenders of oil discharge regulations,

RECOMMENDS FURTHER that the Governments of the Contracting Parties to the Helsinki Convention, bilaterally or multilaterally, undertake to co-ordinate such surveillance activities which take place outside territorial waters, as appropriate.



HELCOM RECOMMENDATION **12/9**

Adopted 20 February 1991, having regard
to Article 13, Paragraph b)
of the Helsinki Convention

FOLLOW-UP STUDIES IN CONNECTION WITH MAJOR OIL SPILLS

THE COMMISSION,

RECALLING Article 16 of the Convention on the Protection of the Marine Environment of the Baltic Sea Area, 1974, (Helsinki Convention), concerning, inter alia, promotion of studies on the assessment of the nature and extent of pollution in the Baltic Sea Area and the tasks of the Helsinki Commission in this respect,

BEING MINDFUL that accidents may form a remarkable part of the oil pollution load on the Baltic Sea and that major oil spills may have enormous adverse ecological and economical consequences in the Baltic Sea,

BEING ALSO MINDFUL that the Contracting Parties have conducted follow-up studies in connection with past oil spills,

RECOGNIZING the need for commonly adopted principles and guidelines for such studies,

RECOMMENDS that the Governments of the Contracting Parties to the Helsinki Convention study the ecological and economical effects of accidental oil pollution in connection with every major oil spillage in the Baltic Sea,

RECOMMENDS FURTHER that the Governments of the Contracting Parties should use the Guidelines adopted jointly by the Environment and Combatting Committees of the Helsinki Commission when conducting such follow-up studies.



CHRONOLOGICAL LIST OF HELCOM RECOMMENDATIONS

including validity, implementation status,
whether supplemented or superseded by other HELCOM Recommendations
and reporting obligations

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 1/1					
Recommendation concerning Measures to Ensure the Use of Reception Facilities for Wastes for Ships - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+	10/7			+
HELCOM RECOMMENDATION 1/2					
Recommendation concerning the Application by the Baltic Sea States of IMCO Resolution A.393(X)-Recommendation on International Performance and Test Specifications for Oily-Water Separating Equipment and Oil Content Meters - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention		7/8	+	8/4	
HELCOM RECOMMENDATION 1/3					
Recommendation concerning the Adoption by the Baltic Sea States of the International Maritime Dangerous Goods Code - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 1/4					
Recommendation concerning the Application by the Baltic Sea States of Resolution MEPC.2(VI)- Recommendation on International Effluent Standards and Guidelines for Performance Tests for Sewage Treatment Plants - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				
HELCOM RECOMMENDATION 1/5					
Recommendation concerning the Application by the Baltic Sea States of Guidelines for Type Testing and Approval of Sewage Treatment Systems - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM RECOMMENDATION 1/6					
Recommendation on the Acceptance by the Baltic Sea States of International Instruments on Maritime Safety, Pollution Prevention and Related Matters - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCDN Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 1/7					
Recommendation concerning the Development of National Ability to Combat Spillages of Oil - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			11/13	
HELCOM RECOMMENDATION 1/8					
Recommendation on Minimization of the Use of Dispersants, Sinking Agents and Absorbents in Oil Combatting Operations in the Baltic Sea - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM RECOMMENDATION 1/9					
Recommendation on Facilitation of Border Passage in Case of Call for Assistance according to Regulation 8 of Amex VI to the Helsinki Convention - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		-
HELCOM RECOMMENDATION 1/10					
Recommendation concerning a Position Reporting System for Ships in the Baltic Sea Area - adopted 8 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	-		+		
HELCOM RECOMMENDATION 1/11					
Recommendation concerning the Application by the Baltic Sea States of the MEPC Guidelines on the Provision of Adequate Reception Facilities in Ports - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			10/5	-
HELCOM RECOMMENDATION 1/12					
Recommendation concerning Standard Discharge Connections - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 1/13					
Recommendation on Requirements in Respect of Loading and Unloading of Harmful Substances in Packaged Forms - adopted 5 May 1980, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM RECOMMENDATION 1/14					
Recommendation concerning Amendments to Regulation 4 B of Annex IV of the Helsinki Convention - adopted 6 May 1980, having regard to Article 24 of the Helsinki Convention	-		+	8/4	
HELCOM RECOMMENDATION 1/15					
Recommendation on the Application of Certain Provisions of Seuage - adopted 7 May 1980, having regard to Article 13, Paragraph b) and Regulation 7 B 1 of Annex IV of the Helsinki Convention	-		+	11/8	
HELCOM RECOMMENDATION 2/1					
Recommendation concerning Amendment of Regulation 5 of Annex IV of the Helsinki Convention - adopted 18 February 1981, having regard to Article 24 of the Helsinki Convention	-		+	8/4	
HELCOM RECOMMENDATION 2/2					
Recommendation on the Acceptance by the Baltic Sea States of International Instruments on Maritime Safety, Pollution Prevention and Related Matters - adopted 17 February 1981, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM RECOMMENDATION 2/3					
Recommendation concerning the Application by the Baltic Sea States of Specifications for Process Units Intended for Attachment to Existing Oily-Water Separating Equipment - adopted 17 February 1981, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 2/4					
Recommendation concerning Establishing of an Early Warning Reporting System for Pollution Incidents - adopted 17 February 1981, having regard to Article 13, Paragraph b) of the Helsinki Convention	-		+	6/14	-
HELCOM RECOMMENDATION 2/5					
Recommendation concerning the Command Structure for Joint Combatting Operations - adopted 17 February 1981, having regard to Article 13, Paragraph b) of the Helsinki Convention	+	4/4	+		-
HELCOM RECOMMENDATION 2/6					
Recommendation concerning Radio Communications in Joint Combatting Operations - adopted 17 February 1981, having regard to Article 13, Paragraph b) of the Helsinki Convention	+	4/4	+		
HELCOM RECOMMENDATION 2/7					
Recommendation concerning the Delimitation of Response Regions for Combatting Marine Pollution - adopted 17 February 1981, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-		+
HELCOM RECOMMENDATION 2/8					
Recommendation to the Governments of the Contracting Parties on the Implications of the Document "Assessment of the Effects of Pollution on the Natural Resources of the Baltic Sea" - adopted 18 February 1981, having regard to Article 13, Paragraph b) of the Helsinki Convention	-		+		
HELCOM RECOMMENDATION 3/1					
Recommendation regarding the Limitation of the Use of PCB's - adopted 17 February 1982, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			6/1	

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No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 3/2					
Recommendation regarding the Elimination of Discharges of DDT - adopted 17 February 1982, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		+
HELCOM RECOMMENDATION 3/3					
Recommendation concerning Protection of Seals in the Baltic Sea Area - adopted 17 February 1982, having regard to Articles 6 and 13 of the Helsinki Convention	-			9/1	
HELCOM RECOMMENDATION 3/4					
Recommendation concerning the Application by the Baltic Sea States of the IMO Format for Reporting Alleged Inadequacy of Reception Facilities for Oily Waste (MEPC/CIRC.60) and the Application of a Helsinki Convention Format for Reporting Alleged Inadequacy of Reception Facilities for Sewage and Garbage - adopted 17 February 1982, having regard to Article 13, Paragraph b) of the Helsinki Convention	-		+	10/6	
HELCOM RECOMMENDATION 3/5					
Recommendation concerning Financial Impact of Assistance Rendered - adopted 17 February 1982, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM 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	+		+		
HELCOM 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	+		+		

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 4/3					
<p>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</p>	-		+	11/13	
HELCOM RECOMMENDATION 4/4					
<p>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</p>	+		+		
HELCOM RECOMMENDATION 5/1					
<p>Recommendation regarding limitation of oil in stormwater systems - adopted 14 March 1984, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>	+				+
HELCOM RECOMMENDATION 5/2					
<p>Recommendation concerning restriction of discharges from oil refineries - adopted 14 March 1984, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>	-			6/2	
HELCOM RECOMMENDATION 5/3					
<p>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</p>	+		+		
HELCOM RECOMMENDATION 5/4					
<p>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</p>	-			8/4	

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 6/1					
Recommendation regarding the elimination of the use of PCBs and PCTs - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 6/2					
Recommendation concerning restriction of discharges from oil refineries - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 6/3					
Recommendation concerning measures aimed at the reduction of discharges of mercury from chloralkali industry - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 6/4					
Recommendation concerning measures aimed at the reduction of mercury resulting from dentistry - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 6/5					
Recommendation concerning safe handling of used mercury- and cadmium- containing batteries - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 6/6					
Recommendation concerning limitation of discharges of cadmium from land- based sources - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 6/7					
Recommendation concerning the treatment of municipal sewage and industrial wastewater with special emphasis on the reduction of discharges of nutrients - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			8/3	-

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Report on Implementation +/-
<p>HELCOM RECOMMENDATION 6/8</p> <p>Recommendation concerning the implementation of Regulation 5 of Annex IV to the Helsinki Convention</p> <ul style="list-style-type: none"> - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention 		7/6	+	10/5	-
<p>HELCOM RECOMMENDATION 6/9</p> <p>Recommendation concerning amendments to Regulation 5 of Annex IV and Appendix V of Annex IV of the Helsinki Convention</p> <ul style="list-style-type: none"> - adopted 13 March 1985, having regard to Article 24 of the Helsinki Convention 		7/6	+	8/4	-
<p>HELCOM RECOMMENDATION 6/10</p> <p>Recommendation concerning the application by the Baltic Sea States of IMO Resolution A.544(13) on standards for procedures and arrangements called for by Annex II of MARPOL 73/78</p> <ul style="list-style-type: none"> - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention 		7/6	+	8/4	-
<p>HELCOM RECOMMENDATION 6/11</p> <p>Recommendation concerning the application by the Baltic Sea States of a format reporting difficulties encountered in the disposing of residues and mixtures containing noxious liquid substances</p> <ul style="list-style-type: none"> - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention 			+	10/6	-
<p>HELCOM RECOMMENDATION 6/12</p> <p>Recommendation concerning the application of IMO's International Bulk Chemical Code (IBC Code) and IMO's Bulk Chemical Code (IMO Assembly Resolution A.212(VII) including ten sets of amendments) (BCH Code)</p> <ul style="list-style-type: none"> - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention 	+		+		-
<p>HELCOM RECOMMENDATION 6/13</p> <p>Recommendation concerning co-operation in investigating violations or suspected violations of discharge and related regulations for ships and dumping regulations</p> <ul style="list-style-type: none"> - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention 	+	10/8	+		-

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 6/14					
Recommendation concerning establishing of a pollution reporting system for pollution incidents - adopted 13 March 1985, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM RECOMMENDATION 7/1					
Recommendation concerning monitoring of airborne pollution load - adopted 11 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+	11/1	
HELCOM RECOMMENDATION 7/2					
Recommendation concerning measures aimed at the reduction of discharges from agriculture - adopted 11 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention	+	1/3			
HELCOM RECOMMENDATION 7/3					
Recommendation concerning measures aimed at the reduction of discharges from urban areas by the development of sewerage systems - adopted 12 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 7/4					
Recommendation concerning measures aimed at the reduction of discharges from urban areas by the pretreatment of parts of wastewater originating from industrial plants - adopted 11 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			12/4	
HELCOM RECOMMENDATION 7/5					
Recommendation concerning measures aimed at the reduction of discharges from urban areas by the treatment of stormwater - adopted 11 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			9/9	

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 7/6					
<p>Recommendation concerning the implementation of Regulation 5 of Annex IV to the Helsinki Convention, supplementing Recommendations 6/8, 6/9 and 6/10</p> <p>- adopted 13 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>			+	8/4	
HELCOM RECOMMENDATION 7/7					
<p>Recommendation concerning recording of fuel oil bunkering operations in the Oil Record Book and documentation for the use of reception facilities</p> <p>- adopted 12 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>	+		+		
HELCOM RECOMMENDATION 7/8					
<p>Recommendation concerning the application by the Baltic Sea States of IMO Resolution A.586(14) - Revised guidelines and specifications for oil discharge monitoring and control systems for oil tankers as amended by IMO Resolution MEPC.24(22) and amendments to IMO Resolution A.393(X) on international performance and test specifications for oily-water separating equipment and oil content meters as contained in IMO Resolution MEPC.24(22)</p> <p>- adopted 12 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>			+	8/4	
HELCOM RECOMMENDATION 7/9					
<p>Recommendation concerning the application by the Baltic Sea States of the IMO format for reporting alleged inadequacy of oily waste reception facilities (MEPC/CIRC.160) and the application of a Helsinki Convention format for reporting alleged inadequacy of reception facilities for sewage and garbage</p> <p>- adopted 12 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>			+	10/6	-
HELCOM RECOMMENDATION 7/10					
<p>Recommendation concerning the application by the Baltic Sea States of the revised part II - Residues and mixtures containing noxious liquid substances - of the MEPC guidelines on the provision of adequate reception facilities in ports</p> <p>- adopted 12 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>			+	10/5	-

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 7/11					
Recommendation concerning airborne surveillance/remote sensing activities in the Baltic Sea Area - adopted 12 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-	12/8	
HELCOM RECOMMENDATION 7/12					
Recommendation concerning the application of the IMO guidelines for reporting incidents involving harmful substances - adopted 12 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention			-	8/5	
HELCOM RECOMMENDATION 8/1					
Recommendation concerning environmental monitoring of radioactive substances - adopted 25 February 1987, having regard to Article 13, Paragraph b) of the Helsinki Convention	-		+	10/3	
HELCOM RECOMMENDATION 8/2					
Recommendation concerning measures to reduce pollution by pesticides from agriculture - adopted 25 February 1987, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-		+
HELCOM RECOMMENDATION 8/3					
Recommendation concerning measures aimed at the reduction of discharges from urban areas by the use of effective methods in wastewater treatment - adopted 25 February 1987, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			9/2	
HELCOM RECOMMENDATION 8/4					
Recommendation concerning amendments to Regulations I-5 of Annex IV and Appendices I-IV to Annex IV of the Helsinki Convention - adopted 25 February 1987, having regard to Article 24 of the Helsinki Convention	+		+		

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No. 8 Title	Valid +/-	Supplemented by HELCCM Rec.No.	Implemented +/-	Superseded by HELCCM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 8/5					
Recommendation concerning amendments to Regulation 5 of Annex VI and the Appendix to Annex VI of the Helsinki Convention - adopted 25 February 1987, having regard to Article 24 of the Helsinki Convention			+		-
HELCOM RECOMMENDATION 9/1					
Recommendation concerning protection of seals in the Baltic Sea Area - adopted 15 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		+
HELCOM RECOMMENDATION 9/2					
Recommendation concerning measures aimed at the reduction of discharges from urban areas by the use of effective methods in wastewater treatment - adopted 15 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 9/3					
Recommendation concerning measures aimed at the reduction of nutrient discharges from agriculture - adopted 15 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 9/4					
Recommendation concerning reduction of emissions of lead from combustion of leaded gasoline - adopted 15 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 9/5					
Recommendation concerning exploration and exploitation of the sea-bed and its subsoil - adopted 15 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 9/6					
Recommendation concerning restriction of discharges from the pulp and paper industry - adopted 15 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			11/4	
HELCOM RECOMMENDATION 9/7					
Recommendation concerning the guidelines for the Baltic Monitoring Program - adopted 17 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM RECOMMENDATION 9/8					
Recommendation concerning measures aimed at the reduction of discharges from industry - adopted 17 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-		+
HELCOM RECOMMENDATION 9/9					
Recommendation concerning measures aimed at the reduction of discharges from urban areas by the treatment of stormwater - adopted 17 February 1986, having regard to Article 13, Paragraph b) of the Helsinki Convention	-			11/2	
HELCOM RECOMMENDATION 9/10					
Recommendation concerning antifouling paints containing organotin compounds - adopted 17 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		+
HELCOM RECOMMENDATION 9/11					
Recommendation concerning guidelines for the establishment of national counter pollution measures regarding pleasure craft - adopted 16 February 1988, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 10/1					
Recommendation concerning abnormal situations in the marine environment - adopted 14 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 10/2					
Recommendation concerning assessments of the effects of pollution on the coastal areas of the Baltic Sea - adopted 14 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 10/3					
Recommendation concerning monitoring of radioactive substances - adopted 14 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		+		
HELCOM RECOMMENDATION 10/4					
Recommendation concerning pollution load compilation - adopted 14 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 10/5					
Recommendation concerning guidelines for the establishment of adequate reception facilities in ports - adopted 15 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 10/6					
Recommendation concerning application by the Baltic Sea States of a Helsinki Convention form for reporting alleged inadequacy of reception facilities for sewage - adopted 15 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 10/7					
Recommendation concerning general requirements for reception of wastes - adopted 15 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOH Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 10/8					
Recommendation concerning co-operation in investigating violations or suspected violations of discharge and related regulations for ships and dumping regulations - adopted 15 February 1989, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 10/9					
Recommendation concerning amendment to Regulation 8 of Annex IV of the Helsinki Convention - adopted 15 February 1989, having regard to Article 24 of the Helsinki Convention	+		+		-
HELCOM RECOMMENDATION 10/10					
Recommendation concerning measures in order to minimize pollution from offshore installations - adopted 15 February 1989, having regard to Article 10 of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 10/11					
Recommendation concerning international co-operation on liability for damage resulting from vessel-based pollution - adopted 15 February 1989, having regard to Article 17 of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 11/1					
Recommendation concerning monitoring of airborne pollution load - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				-
HELCOM RECOMMENDATION 11/2					
Recommendation concerning reduction of discharges from urban areas by proper management of stormwater - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 11/3					
Recommendation concerning restriction of discharges from the sulphite pulp industry - adopted 15 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-		+
HELCOM RECOMMENDATION 11/4					
Recommendation concerning restriction of discharges from the kraft pulp industry - adopted 15 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 11/5					
Recommendation concerning restriction of discharges from the iron and steel industry - adopted 15 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-		+
HELCOM RECOMMENDATION 11/6					
Recommendation concerning basic principles in wastewater management in chemical industry - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-		+
HELCOM RECOMMENDATION 11/7					
Recommendation concerning measures aiming at the reduction of emissions to the atmosphere from the iron and steel industry - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+		-		+
HELCOM RECOMMENDATION 11/8					
Recommendation concerning amendments to Regulation 7 of Annex IV of the Helsinki Convention - adopted 14 February 1990, having regard to Article 13, Paragraph c) and Article 24, Paragraph 2 of the Helsinki Convention	+		+		

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 11/9					
Recommendation concerning national regulations on the discharge of sewage in national waters - adopted 14 February IWO, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 11/10					
Recommendation concerning guidelines for capacity calculation of sewage systems on board passenger ships - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 11/11					
Recommendation concerning measures to reduce the emissions of harmful chlorofluorocarbons from ships - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION II/I2					
Recommendation concerning reduction of air pollution from ships - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				
HELCOM RECOMMENDATION 11/13					
Recommendation concerning development of national ability to respond to spillages of oil and other harmful substances - adopted 14 February 1990, having regard to Article 13, Paragraph b) of the Helsinki Convention				+	
HELCOM RECOMMENDATION 12/1					
Recommendation concerning procedures for granting permits for monitoring and research activities in the territorial waters and exclusive economic zones, fishing zones or continental shelves - adopted 21 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
HELCOM RECOMMENDATION 12/2					
Recommendation concerning information and consultation with regard to construction of new installations affecting the Baltic Sea - adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 12/3					
Recommendation concerning definition of best available technology - adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 12/4					
Recommendation concerning industrial connections to municipal sewerage networks - adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 12/5					
Recommendation concerning promotion of the use of safer tankers while carrying oil - adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 12/6					
Recommendation concerning development and use of oil drift forecasting - adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 12/7					
Recommendation concerning special cooperation in case of a chemical tanker accident in the Baltic Sea - adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+
HELCOM RECOMMENDATION 12/8					
Recommendation concerning airborne surveillance with remote sensing equipment in the Baltic Sea Area - adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention	+				+

No. & Title	Valid +/-	Supplemented by HELCOM Rec.No.	Implemented +/-	Superseded by HELCOM Rec.No.	Reporting on Implementation +/-
<p>HELCOM RECOMMENDATION 12/9</p> <p>Recommendation concerning follow-up studies in connection with major oil spills</p> <p>- adopted 20 February 1991, having regard to Article 13, Paragraph b) of the Helsinki Convention</p>	+				+

PROGRESS REPORT ON THE **IMPLEMENTATION** OF THE 50% REDUCTION PART OF THE MINISTERIAL DECLARATION 1988

As decided by the Commission (HELCOM 10/14, Paragraph 3.4), the Contracting Parties have reported on the input5 to water of heavy metals, stable organic compounds and nutrients. The reporting year is for most of the countries 1987 which is decided to be the basic year for the Ministerial Declaration 1988. As Appendix, the most important data compiled is attached.

It was also decided by STC 16 that the Contracting Parties should report on measures, already adopted or planned to enable to fulfill the 50% reduction goal. There are only two Contracting Parties which have tried to fulfill this requirement, due to the complicated structure of used questionnaires.

During 1990 collecting of data for the Second Pollution Load Compilation is carried out and the results will be reported by the end of the year 1991. The report of the Second Pollution Load Compilation will comprise also the information on airborne pollution load prepared by EGAP. These results might be used for interim evaluation of the reduction already achieved.

Conclusions

The input data reported from the Contracting Parties vary in many aspects with regard, e.g. to sampling and analytical methods used as well as to method5 of calculations (if applied). Due to these reasons, in addition to missing data, it is not possible to make any calculations concerning the total amount of inputs or to compare data from different countries.

The results from the reports from the Contracting Parties together with other information, e.g. for technical installations, can be used to evaluate the effects of different measures and to identify the trends in the different Contracting Parties. The data given will together with the result5 from the Second Pollution Load Compilation give a valuable material for the future work within HELCOM.

It is for the moment not possible to estimate information on adopted or planned measures within the Contracting Parties collected in accordance with the adopted formats in reporting on the 50% reduction part in the Ministerial Declaration. From the work within the ad hoc high level Task Force which just has started the information concerning measures will probably be available in the concrete national plans and in the joint comprehensive programme. For that reason there is for the moment no need for elaborating a new simpler questionnaire concerning technical measures. A lot of information is given within the Progress Reports on the implementation of HELCOM Recommendations, which will be published in 1991.

HELCOM 12 requested the Contracting Parties to submit to HELCOM 13 national report5 concerning the implementation of the 50% reduction goal of the Ministerial Declaration in conjunction with the Second Pollution Load Compilation. The national reports should comprise as far as possible the development within the Task Force.

**HEAVY METALS
- MERCURY**

	DENMARK 1985	FINLAND 1987	GERMANY 1987		POLAND 1987	SWEDEN 1987	USSR 1988
Principal sources	t/a	t/a	Schleswig-Holstein t/a	Mecklenburg-Vorpommern t/a	t/a	t/a	t/a
Direct discharges of sewage wastewater and stormwater to the sea	0.9	ni	0.015	ii	8.3	0.05	
Direct discharges of industrial wastewaters to the sea - total whereof	0.05	0.03	0.14 · 10⁻³		nm	0.08	
- iron and steel		tell-				ni	
- ferro alloy		bmr				0	
- other sources		0.03				0.08	
River transport to the sea - total whereof anthropo- genic	0.3		0.01	0.0276	74	ni	bmr
- mining		bmr				0.01	
- iron and steel		bmr				0.02	
- other sources		0.003		0.0276		ii	

ni = no information
bmr = values below measuring range
nm = not measured
ii = incomplete information

HEAVY METALS
- CADMIUM

Principal sources	DENMARK 1985	FINLAND 1987	GERMANY 1987		POLAND 1987	SWEDEN 1987	USSR 1988 (1987 data is absent)
	t/a	t/a	Schleswig-Holstein t/a	Mecklenburg-Vorpommern t/a	t/a	t/a	t/a
Direct discharges of sewage wastewater and stormwater to the sea	1.9	0.1	0.002	ii	4.1	0.11	bmr
Direct discharges of industrial wastewaters to the sea - total whereof	0.2	0.14	0.1'10 ⁻³		nm	0.24	0
- iron and steel		bmr				0.09	
- ferro alloy		bmr				0	
- other sources		0.14				0.15	
River transport to the sea - total whereof anthropo- genic	1.0	2.7 (mean annual value from 1985-1986)	0.23	0.0596	46	2.0	1.05
- mining		0.008				0	
- iron and steel		bmr				0	
- other sources		0.15		0.0596		0.8	

bmr = values below measuring range
ii = incomplete information
nm = not measured

**TOXIC OR PERSISTENT ORGANIC SUBSTANCES AND HYDROCARBONS
- AOX**

	DENMARK 1985	FINLAND 1987	GERMANY 1987		POLAND 1987	SWEDEN 1987	USSR 1987
Principal sources	t/a	t/a	Schleswig-Holstein t/a	Mecklenburg-Vorpommern t/a	t/a	t/a	t/a
Direct discharges of sewage wastewater and stormwater to the sea	ii	ii	2.0	ii	nm	40	ni
Direct discharges of industrial wastewaters to the sea - total whereof	14.6		0.05	No discharges	nm	6265	ni
- pulp and paper	14.2	7195				6250	
- chemical	0	ii				13.8	
- iron and steel	0	neg				0.55	
River transport to the sea	nm		46	ii	nm	4865	ni

ii = incomplete information
nm = not measured
ni = no information
neg = negligible

NUTRIENTS

Principal SOURCES	DENMARK 1985		FINLAND 1987		GERMANY 1987				POLAND 1987		SWEDEN 1987		USSR 1989 (1987 data is not available)	
	Phosphorus t/a	Nitrogen t/a	Phosphorus t/a	Nitrogen t/a	Schleswig-Holstein		Mecklenburg-Vorpommern		Phosphorus t/a	Nitrogen t/a	Phosphorus t/a	Nitrogen t/a	Phosphorus t/a	Nitrogen t/a
					Phosphorus t/a	Nitrogen t/a	Phosphorus t/a	Nitrogen t/a						
Direct discharges of sewage waste-waters to the sea	4300	16000	210	6900	279	2900	642	4317	3464	12930	640	13400	1470	17170
Direct discharges of industrial waste-waters to the sea - total whereof	3660	5330	460	3226	5	250	196	615	2332	1915	705	3300	-	-
- pulp and paper	50	340	348	1569							440	2800		
- chemical industry	3140	1600	40	569							240	270		
- food and beverage	340	2600	4	40	5	250	144	420	ni	ni				
- fish farming	80	460	64	573			52	195			20	190		
- other sources	50	330	4	475							5	40		
River transport to the sea - total whereof anthropogenic	7795	272230	4300	66000	576	8522	601	12173	15699	231331	4100	124000		
- agriculture	4400	260000	2000-4000 20000-40000				105	6510			960	47600		
- forestry	neg	100					-	-			1800	43400		
- peat production	neg	neg	Under investi-				-	-				-		
- urban areas and stormwater	2900	9000	gation		70	583	478	4722	10081	9683	480	13100	5320	36640
- large industries	20	130					9	860			200	2900		
- fish farming	475	3000					9	81			10	80		
- other sources							-	-			620	4000		
Non-river runoff-total whereof	0	0			neg	neg								
- agriculture			Included in										Included in	
- forestry			total river										river transport	
- urban areas and stormwater			transport											
- other sources														

neg = negligible
ni = no information

LIST OF MEETINGS, SEMINARS AND WORKSHOPS UNDER THE AUSPICES OF THE HELSINKI COMMISSION AS AGREED BY THE TWELFTH MEETING OF THE COMMISSION

27-28 February 1991 Helsinki, Finland	Informal meeting of experts on microbiology
13-14 March 1991 Helsinki, Finland	Second Meeting of the HELCOM <u>ad hoc</u> high level Task Force Steering Group (HELCOM TF STEER)
3-5 April 1991 Copenhagen, Denmark	Third Meeting of the Workshop on Harmful Substances
8-12 April 1991 Helsinki, Finland	Special Expert Group on Revision of Annexes to the Convention (HELCOM GRC ANX)
9-12 April 1991 Schleswig, Germany	International Workshop on Nitrogen and Agriculture
11-12 April 1991 Kiel, Germany	Meeting of a coordination group for the Environment Committee (EC) projects
22-23 April 1991 Helsinki, Finland	Meeting of an informal working group to consider new requirements on constructional arrangements for tankers
23-26 April 1991 Tallinn, USSR	First meeting of the Working Group on Diffuse Sources (TC DIFF)
23-25 April 1991 *) Uppsala, Sweden	Meeting of experts on coastal assessments
[Spring] 1991 Norrköping, Sweden	Meeting of the Informal Working Group on Oil Drift Forecasts for the Baltic Sea Area
6-10 May 1991 Sweden	Second Meeting of the HELCOM <u>ad hoc</u> high level Task Force (HELCOM TF) (the first two days being reserved for review session for the reports of the consultants of the Executing Agencies)
13-17 May 1991 Stockholm, Sweden	First Meeting of the Working Group on Point Sources (TC POINT)
14-17 May 1991 Tallinn, USSR	Eighth Meeting of the Group of Experts on Airborne Pollution of the Baltic Sea Area (EGAP)
21-23 May 1991 Visby, Sweden	Seventh Meeting of the <u>ad hoc</u> Working Group on Combatting Spillages of Harmful Substances Other than Oil (CC CHEM)
27-30 May 1991 Stockholm, Sweden	Seminar on Nature Conservation and Biodiversity in the Baltic Region, organized by World Wide Fund for Nature in cooperation with HELCOM
28 May - 1 June 1991 Helsinki, Finland and Leningrad, USSR	International HANSA Environment Conference and Exhibition

*) After HELCOM 12 postponed by the convener

5 June 1991 Hamburg, Germany	Meeting of the Chairman and Vice-Chairmen of the Technological Committee (TC)
6-7 June 1991 Hamburg, Germany	14th Meeting of the Chairmen and the Secretariat of the Helsinki Commission (CASH)
10 June 1991 Stockholm, Sweden	Seminar on models relevant to the work of MORS (in conjunction with MORS 6 meeting)
10-14 June 1991 Stockholm, Sweden	Sixth Meeting of the Group of Experts on Monitoring of Radioactive Substances in the Baltic Sea (MORS)
18-19 June 1991 Warsaw, Poland	Third Meeting of the HELCOM <u>ad hoc</u> high level Task Force Steering Group (HELCOM TF STEER)
25-28 June 1991 Helsinki, Finland	Second Meeting of the HELCOM <u>ad hoc</u> Group for Revision of the Convention (HELCOM GRC)
30 June 1991 London, United Kingdom	Baltic Maritime Co-ordinating Meeting (BMCM) in conjunction with MEPC 31
29-30 August 1991 Hamburg, Germany	Workshop on data processing of the Second Pollution Load Compilation
2-3 September 1991 Copenhagen, Denmark	Fourth Meeting of the HELCOM <u>ad hoc</u> high level Task Force Steering Group (HELCOM TF STEER)
9-13 September 1991 Gdynia, Poland	Second Meeting of the Environment Committee (EC)
9-13 September 1991 Gdynia, Poland	Parallel meeting on the Second Pollution Load Compilation in conjunction with EC 2
13-14 September 1991 Gdynia, Poland	Eighth ICES Dialogue Meeting, co-sponsored by IBSFC and HELCOM
24-27 September 1991 Hamburg, Germany	17th Meeting of the Maritime Committee (MC)
7-8 October 1991 Helsinki, Finland	Fifth Meeting of the HELCOM <u>ad hoc</u> high level Task Force Steering Group (HELCOM TF STEER)
14-18 October 1991 Helsinki, Finland	Second Meeting of the Technological Committee (TC)
[autumn 1991 Helsinki, Finland	Third Meeting of the <u>ad hoc</u> Working Group on Air Pollution from Ships (MC AIR)
4-8 November 1991 Gdynia, Poland	15th Meeting of the Combatting Committee (cc)
11-15 November 1991 Helsinki, Finland	Third Meeting of the HELCOM <u>ad hoc</u> high level Task Force (HELCOM TF)
18-20 November 1991 Turku, Finland	Seminar on Port Reception Facilities
26-29 November 1991 Helsinki, Finland	Third Meeting of the HELCOM <u>ad hoc</u> Group for Revision of the Convention (HELCOM GRC)

3-7 February 1992
Helsinki, Finland

13th Meeting of the Baltic Marine Environment
Protection Commission (HELCOM)

2-5 February 1993
Helsinki, Finland

14th Meeting of the Baltic Marine Environment
Protection Commission (HELCOM)