Attachment 2

INTER GOVERNMENTAL MARITIME CONSULTA TIVE OR GANIZATION

COUNCIL - 32nd Session Agenda item 14



C XXXII/14/I 9 May 1974 Original: ENGLISH

IMCO

RELATIIONS WITH THE UNITED NATIONS
THE SPECIALIZED AGENCIES

The Third United Nations Conference on the Law of the Sea

Note by the Secretariat

- 1. In document C XXX/20 the thirtieth session of the Council was given a report on the work of the United Nations Committee on the Peaceful Uses of the Sea-bed and Ocean Floor beyond the Limits of National Jurisdiction (the Sea-bed Committee) end, In particular, the role played by the Secretariat in collaborating with the Committee and its Sub-Committee in relation to those subjects on the Committee's Term of Reference which were of interest to tCo. The Council took note of this Report.
- 2. Following the consideration of the Final Report of the See-bed Corm.ittee the United Nations Gneral Assembly adopted, in November 1973, resolution 3067 (XXVIII) by which it decided to hold an organizational session of the Third United Nations Conference on the Law of the Sea in New York in December 1973 and to hold the first working session of the Conference in Caracas, Venezuela, from 20 June to 29 August 1974.
- 3. The IMCO Secretariat was represented at the organizational session of the Conference held in New York from 3 to 14 December 1973.
- 4. The Secretariat will be represented at the main session of the Conference to be held in Caracas from June to August 1974. The Secretary-General intends to be present during the early stages of the session, and he supercisis make a statement to the Conference in which he will affirm IMCO's readiness to co-operate with the Conference in relation to those aspects of its work which are relevant

C XXXII/14/1 - 2 -

to the work end purposes of IMCO. Other members of the Secretariat till . participate in the work of the Conference, to the extent necessary and possible within the financial and manpower resources available.

- 5. In accordance with varioue resolutions of the General Assembly of the United Nations and the wish expressed in the Marine Environment Protection Committee (MEPC) during Its first session, the Secretariat has submitted to the Conference a comprehensive document on IMCO and its work in relation to shipping and other maritime activities.
- 6. This document describes IMCO'S work in the field of maritime safety end efficiency of navigation, in the prevention of marine pollution from chips, vessels and other craft operating in the marine environment, in legal matters end the facilitation of maritime transport and the provision of technical. assistance to developing countries. It also provides background information on the objectives, functions, membership and structure of the principal organs and bodies of IMCO; and describes recent constitutional developments regarding the composition and size of the principal organs and the re-organization of the institutional arrangements for IMCO's environmental work, including, in particular, the establishment of the Marine Environment Protection Committee (MEPC).
- 7. A copy of the document submitted by the Secretariat to the Law of the Sea Conference is attached hereto.
- 8. As till be observed, the Secretariat's document Is confined to a'description of the areas in which IMCO has completed or begun substantive work. The Secretariat did not consider it necessary or useful to make any claim on behalf of IMCO. In particular no references are made either to the prevention and control of marine pollution arising from the exploration and exploitation of sea-bed resources or to ocean dumping.

THE ACTIVITIES OF THE INTER-GOVERNMENTAL MARITIME CONSULLTATIVE ORGANIZATION IN RELATION TO SHIPPING AND RELATED MARITIME MATTERS

TOTAL CONTENTS DE LO DE LA COLLA DEL LA COLLA DE LA COLLA DEL LA COLLA DE LA COL	
.i	Page
l # . , • < + < < < < < < < < < <	
I. INTRODUCTION ., c . s , .sc Q .1-2	3
11. ORIGINS, PURPOSES AND STRUCTURE	4
Membership ,	4
Main Organs and Bodies, , ., ., 0-16	5
Recent Developments , • Q. • .s •• ,,*,. • ••: .17-19	6
III. SCOPE OF ACTIVITIES" : " . * "/. i ** * 20-121	7
A. MARITIME SAFETY AND EFFICIENCY OF NAVIGATION 24+3	8
: (i): Conventions and Similar Instruments 25-41	8
Safety of Life at Sea	8
, Load Lines	9
Prevention of Collisions at Sea 35-37	10
Special Trade Passenger Ships 30-40	10
Containers	11
(ii) Recommendations, Codes of Practice and Guidelines 42-58	11
" Routeing of Ships 44-49	11
Mavigation Equipment and Crew Training 50-52	13
Buoyage Systems and Navigational Warnings 53-55	14
Safety of Off-Shore Drilling Rigs 56-57	14
Carriage of Dangerous Goods 58-60	15
Other work relating to maritime safety 61-63	16
B. PREVENTION AND CONTROL OF POLLUTION 64-101	17
(i) Conventions and other Instruments69-99	18
Prevention of pollution of the Sea by Oil,1954/62 69-72	18

	ParauraPh8	Page
	Prevention of Pollution by ships, 1973 73-88	19
	Intervention on the High seas, 1969 89-90	23
	Protocol on Intervention on the High Seas, 1973, 91-92	24
	Civil Liability for Oil Pollution Damage, 1969 . 93-94	24
	Compensation for Oil Pollution Damage, 1971 95-99	25
	(ii) Recommendations and Other Guidelines 100-101	27
	.' Manual on Marine Pollution 100	27
	Other matters	27
	c. Other WORK	28
	Tonnage Measurement	28
	Facilitation of Maritime Traffic 105-106	28
"	Legal work ,	29
	Technical Assistance to Developing Countries 114-125	31
	Relations with other Organizations , , , , 126	33
Iv.	CO-ORDINATION OF IMCO'S WORK WITH RELATED WORK IN THE UNITED NATIONS SYSTEM ,	35
	The United Nations ,	35
	The Regional Economic Commissions 131	35
	UNCTAD and UNCITRAL .* * U * * * * * * * * * * * * * 132	36
	United Nations Development Programme	36
	The Specialized Agencies and the IAEA 134-135	36
	The United Nations Environment Programme.: 136-137	37
	The Sea-bed Committee and the Conference on the Law of the Sea	37
٧.	CONCLUSION e	40
	ANNEXES:	
	Annex I ' - Membership of IMCO	41
	Annex II - Convention and other Instruments adopted ' under the auspices of IMCO	44
	. Annex III - Certain Resolution adopted by the 1973 Conference on Marine Pollution	47

•

I. <u>INTRODUCTION</u>

- 1. In accordance with various resolutions of the General Assembly inviting the specialized agencies to assist the work of the Third United Nations Conference on the Law of the Sea, the Secretariat of the Inter-Governmental Maritime Consultative Organization (IMCO) is submitting the present document which summarizes the work of the Organization in relation to shipping and related maritime activities, in particular those connected with:
- (a) the promotion of maritime safety and efficiency of navigation;
- (b) the prevention and control of marine pollution from ships, vessels and other craft, and
- $\ensuremath{(c)}$ the provision of technical assistance to developing countries in these fields.
- 2. The IMCO Secretariat hopes that the information provided on the work of IMCO, which is a specialized agency of the United Nations whose activities are entirely in the maritime field, will be of interest and use to the United Nations Conference on the Law of the Sea.

II. ORIGINS , PURPOSES AND STRUCTURE

- 3* The Inter-Govemmental Maritime Consultative Organization (IMCO) was established in pursuance of the Convention on the Inter-Governmental Maritime Consultative Organization adopted by the United Nations Maritime Conference held in Geneva in 1948. The Organization came into being January1959, following the entry into force in March 1958 of the Convention. IMCO was brought into special relationship with the UN by means of an Agreement in accordance with Article 57 of the Charter of the United Nations. .,.
- 4. The Organization's objectives, as provided for in Article 1 of its Convention, are, <u>inter alia</u>, to provide machinery for co-operation anew governments in the field of governmental regulations and practices relating to technical matters of all kinds affecting shipping engaged in international trade, to encourage the general adoption of the highest practical standards in netters concerning maritime safety and efficiency of navigation.
- 5. The Organization also provides for the consideration of any matters concerning shipping that maybe referred to it by any organ or specialized agency of the UN. It provides a forum and machinery for the exchange of information anew governments on all matters under consideration by the organization.

Membership

- 6. IMCO is open to membership by all States Members of the United Nations and by other States In accordance with admission procedures contained in the Convention establish it. The Secretary-General of the United Nations is the depositary of this Convention. The Convention stipulates in Article 11 thereof that "No State or territory become or remain a Member of the Organization contrary to a resolution of the General Assemly of the United Nations"
- 7. There are at present 8 full Members of the Organization and one Associate Member. Of this number, 18 are States from Africa, 22 are States from Asia, 14 em States from Latin America, 8 are States from Eastern Europe and 23 are States from Western Europe and others. A list of the membership of IMCO is given in Annex I to this document.

Main Organs and Bodies

- 8. The organization has three principal organs, the Assembly, the Council and the Maritime Safety Committee.
- 9. The Assembly is the supreme governing body of the organization. It determines the policy of the Organization, decides upon the work programme and votes the budget to which Members of the Organization contribute according to a scale of assessment based in part on the United Nations scale of assessments and in part on the total tonnage of ships registered in each Member State. The Assembly approves all financial regulations and elects the Member States to serve on the Council and the Maritime Safety Committee. It also has the responsibility of approving the appointment of the Secretary-General of the Organization. The Assembly is composed of all Member States of the Organization and normally meets once every two years.
- 10. The Council consists of eight.oen14enberStatee elected for a term of two years at a tine, by the Assembly. Subject to the authority of the Assembly, it supervises the execution of the work programme of the Organization and performs the functions of the governing body between sessions of the Assembly.
- 11. The Maritime Safety Committee consists of sixteen Member States elected for a four-year tern by the Assembly. It is responsible for the technical work of the Organization, concerning in particular maritime safety and efficiency of navigation. It performs its functions mainly with the assistance of Sub-Committees and other subsidiary bodice which are generally open to participation by all States Members of the Organization.
- 12. In addition to these principal organs, there are a number of important subsidiary organs. These are described in the following paragraphs.
- 13. The Marine Environment Protection Committee is a permanent subsidiary organ of the Assembly whose membership is open to all Member States of IMCO as well as States which are parties to the conventions in respect of which the Committee performs functions. It is responsible for administering and co-ordinating the activities of IMCO relating to the prevention and control of marine pollution from ships, vessels and other equipment operating In the marine environment.

- 14. The <u>Legal Committee</u> is a permanent subsidiary organ of the Council and is charred with the consideration of legal matters of concern to the Organization. The <u>Legal Committee</u> is open to participation by all Member States of IMCO.
- 15. The Committee on Technical Co-operation is a subsidiary body of the Council end performs advisory functions in respect of IMCO's programme of technical assistance to developing countries. Membership of the Committee is open to all Member States of IMCO.
- 16. The Facilitation Committee is a subsidiary body of the Council established to advise the Council on matters relating to the facilitation of maritime traffic. It also provides advice to the Secretary-General of the Organization in relation to his functions under the International Convention for the Facilitation of MaritimeTraffic, 1965. Membership of this Committee is open to all Members of IMCO as well os to States parties to the 1965 Convention.

Recent developments

- 17. The 8th regular session of the IMCO Assembly which was held in November 1973 gave consideration to the size and composition of the Council and Maritime Safety Committee, particularly view of the recent Increase in the membership of IMCO and the increasing importance of IMCO's technical work to these new Members, many of when are developing countries. A special Ad Hoc Working Group, open to all Members of the Organization, was established to study the problem and make recommendations thereon for consideration by the Assembly at an extraordinary session.
- 16. The Ad Hoc Working Group net in February 1974 and made recommendations on proposed amendments to the IMCO Convention. Briefly, these proposed amendments are intended: (a) to Increase the membership c& the Council from its present total of eighteen to twenty-four: and (b) to make membership of the Maritime Safety Committee open to all States Members of IMCO, with the right of participation to any State not a Member of IMCO if it is a party to a Convention In respect of which the Committee perfoms functions.
- 19. These proposed amendments have now been submitted to the Member Governments of IMCO prior to their consideration by the extraordinary session of the Assembly to be held in October 1974.

III. THE SCOPE OF IMCO'S ACTIVITIES

20. Through the nachinery ouklined above, IMCO provides to its Member States a forum for the exchange of information and experiences on all maritime matters falling within the scope of the objectives and functions enumerated in the IMCO Convention, The Organization performs its functiona_Inter_laia by:

- (a) providing for the adoption of conventions or other instrumentation those matters which are suitable for solution through formal international of agreements;
- (b) adopting recommendations, codes, standard Practices and guidelines where appropriate; and
- (c) initiating studies on particular problems and making the results of such studies available to interested States.
- 21. Annex II to this document contains a full list of the conventions and similar instruments which have either been adopted under the auspices of IMCO or entrusted to IMCO for administration end further development.
- 22. The extensive range ofactivities undertaken by IMCO nay, for convenience, be grouped under three broad category headings. These are:
 - (a) Activities relating to the promotion of maritime safety and efficiency Of navigation;
 - (b) work relating to the prevention and control of marine pollution from ships and other craft and related questions; end
 - (0) other work relating to shipping and related maritime activities, including in particular technical assistance to developing countries.

23. The various aspects of the organization's work are, of course,lnte=related. Thus, for example, the work in relation to maritime safety and efficiency is, in a very important sense, Part of the "environmental" programme of IMCO since, by ensuring the high standards of safety, it serves to eliminate or at least reduce to a minimum incidents such as collision, stranding, etc., which are likely to result in the discharge into the sea of harmful cargoes. Such accidental discharges are of course a major source of marine pollution from ships and other craft. Similarly the efforts to prevent pollution of the seas from ships demand, and have promoted, the development of equipment, procedures and facilities which increase efficiency of navigation.

A. ACTIVITIES OF IMCO RELATING TO MARITIME SAFETY AND EFFICIENCY OF NAVIGATION

24. The promotion of maritime safety and efficiency of navigation through inter-governmental co-operation is, of course, one of the principal objectivee of IMCO. To this end the Organization has prepared for the adoption of a number of important conventions and similar instruments and has, through its appropriate organs, adopted a large body of Recommendations, Codes of Practice and other guideline which have been submitted to States for adoption and implementation, as appropriate. The main areas In which this activity has been pursued, and the results so far achieved, are summarized below.

(1) Conventions and similar instruments

International Convention for the Safety of Life at See, 1960

- 25. Follow@ the loss of the passenger ship "Titanic" in 1912, an international conference on safety of life at sea was convened end resulted in the adoption of the International Convention for the Safety of Life at Sea, which, however, did not come into force because of the outbreak of World War I. A fresh stark was node at anew Conference in 1929 which produced the first effective. Convention for the Safety of Life at Sea. The Convention was subsequently reviewed and revised by an international conference in 1948. In 1960 IMCO convened a Conference which adopted a revised Convention to replace that of 1948.
- 26. The 1960 Safety convention deals with various aspects of maritime safety and contains provisions in respect of:
 - construction of ships, including subdivision, stability, machinery and electrical installations, and fire protection;
 - life-sating appliances;
 - radiocommunication, including radiotelegraphy and radiotelephony;
 - safety of navigation;
 - -carriage of grain;
 - -carriage of dangerous goods;
 - -nuclear ships;
 - survey and certificates.

- 27. The Convention applies to all merchant ships engaged on international voyages, including passenger ships (ships carrying more then twelve passengers) of all sizes and cargo ships of 500 tone gross tonnage and upwards, but excluding fishing vessels, pleasure yachts, barges and ships solely navigating the Great Lakes and the River St. Lawrence.
- 28. Amendments to the 1960 Convention were adoptedby the IMCO Assembly in 1966, 1967, 1968, 1969, 1971 and 1973.
- 29. Preparations are now completed for the holding in October 1974 Of an International Conference to revise the 1960 Convention. The Assembly of IMCO has decided that the following should be incorporated in the revised Convention:
 - (a) provisions for rapid entry into force of the Convention;
 - (b) improved and accelerated amendment procedure;
 - (c) amendments to the 1960 Convention which have already been adopted;
 - (d) new Regulations which have been recommended for inclusion in the Convention.

International Convention on Load Lines, 1966

- 30. Overloading is often the cause of casualties to ships, particularly cargo ships. In 1930 an International conference produced a convention on local lines. This Convention lasted for 36 years until it was replaced by a new Convention drawn up by an international conference convened by IMCO in 1966.
- 31. The 1966 Load Line Convention prescribes the minimum freeboard (or the maximum) to which the ship is permitted to be loaded. The Convention applies to all merchant ships engaged on international voyage except ships of less than 24 meters in length, fishing vessels, pleasure yachts and ships solely navigating the Groat Lakes, the River St, Lawrence, the Caspian Sea and the Plate, Parana and Uruguay Rivers.
- 32. The load line mark shown on the ship's sides consists of several lines for different zones and seasonal areas, additional lines for the carriage of timber are marked. The zones and seasonal areas are defined in the Convention.
- 33. In both Safety and Load Conventions, the control of ships at foreign ports is exercised In a similar namer as in the 1973 Pollution Convention (see paragraph 87).
- 34. Amendments were adopted to this Convention by the IMCO Assembly in 1971.

International Regulations for Preventing Collisions at Sea, 1960 and 1972

35. The International Regulations for Preventing Collisions at Sea, 1960 sets out basic rules which regulate the behaviour of vessels at sea in respect of other vessels in order to prevent collisions, and deals with such matters as:

lights and shapes

sound signals and conduct Inrestricted visibility steering and sailing rules

sound signals for vessels In sight of one another

36. The Regulation developed in 1960 took account of the technological knowledge at that time. In view of significant changes In the size and speed of vessels, the introduction of new types of craft in the marine environment and the experience gained from the application of the existing Regulations, a need arose to consider comprehensive revision of the Regulations,

37. A Conference convened by IMCO in October 1972 concluded anew Convention on the International Regulations for Preventing Collisions at Sea to replace the 1960 Regulations at present in force. The revised Regulations take account of current technical developments and constitute a significant improvement on the existing rules. They prescribe in a comprehensive way the manoeuvering procedures and actions to be token by ships under various circumstances for the purpose of avoiding collisions, with reference to the need for avoiding hampering the safe passage of vessels restricted in their ability to manoeuvre due to their draught.

Amendments Concerning Special Trade Passenger Ships

38. In October 1971 IMCO convened a conference to consider a number of questions regarding the safety of ships carrying large numbers of unberthed passengers. In special trades, such as the pilgrim trade which is of particular interest to certain developing countries, Unill then the carriage of passengers by this mode of transport was regulated by the Simla Rules of 1931 which had steadily become out of date. The 1971 Conference adopted the Special Trade Passenger Ships Agreement, This Agreement entered Into force in January 1974.

- 39. Pursuant to a resolution of the 1971 Conference,~OproPedror@, conference to formulate technical Rules covering the safety aspects of the disposition of passengers on special trade passenger ships. The Co-operation of other organizations, particularly the WHO, was sought and utilized in this work.
- 40. As a result of this work, IMCO convened in July 1973, a Conference which adopted a Protocol on Space Requirements for Special Trade Passenger Ships, 1973. Annexed to this Protocol, which is complementary to the 1971 Special Trade Passenger Ships Agreement, are the technical rules covering the safety aspects of the disposition of passengers in special trade passenger chips,

Safe Carriage of Containers

- 41. IMCO hoe spent a number of years working on the technical and safety aspects of containerization. In 1972, IMCO co-sponsored with the United Nations the UN/IMCO Conference on International Container Traffic, One of the Instruments adopted by this Conference is the International Convention on Safe Containers (CSC). This Convention seeks to maintain a hi@ level of safety of hunan life in the transport and handling of containers, while facilitating their international inter-modal transport.
- (Ii) Recomendations, Codes of Practice and Guidelines
- 42. In addition to these conventions and instruments, the Work of IMCO in many cases results in the development of recommendations to governments, codes of practice and guideline which are supplementary to the convention and instruments.
- 43. This device has been used extensively in regard to a large number of subjects. They include the following:

Routeing of ships

- 44. The practice of following predetermined routes originated in 1898 end woe adopted, for reasons of safety, by shipping companies operating 'Passenger ships across the North Atlanttic. It wee subsequently Incorporated into the International Convention for the Safety of Life at Sea.
- **45. Since then a steady** increase In number, size and speed of ships has emphasized the necessity of separating maritime traffic, particularly in areas where congestion or convergence of maritime traffic exist in main shipping lanes and narrow channels. It was in this *connexion* realized that consequence of accidents may become more serious if chips carry oil or hazardous cargoes.

- 46. In 1961 the Institutes of Navigation of the United Kingdom, France and the Federal Republic of Germany undertook a study of measures for separating traffic in the Strait of Dover. Their studies and subsequently other studies In certain other areas where statistics indicated an increased rick of collision, resulted in concrete proposals submitted to IMCO. After examination by expert working bodies the proposed traffic separation schemes were adopted by the IMCO Assembly.
- 47. Up to the Present nearly 100 schemes have been adopted byIMCO and recommended to governments for observance. These schemes are located all over the world, almost exclusively in areas of congested or converging traffic. As experience is being obtained and in line with the expansion of maritime traffic, these schemes exe mended and new schemes added. All schemes adopted by IMCO are being collated In a publication which is being updated as and when required. Anew 1974 edition is expected to be published shortly. The publication includes:
 - terns, definitions and symbols
 - -methods of routeing
 - general principles of ship's routeing
 - description of schemes in operation

The publication also specifies the areas, particularly those of special significance to wildlife, which should be avoided by ships constituting an unacceptable environmental hazard.

48. When a proposed scheme is examined, consideration is given as to whether the existing aids to navigation (buoys, lightvessels, etc.) and/or those proposed by the State concerned are adequate for the purpose of the scheme and to enable mariners to determine their position with the accuracy required for safe navigation in the area. The State concerned will remain responsible for the exact location, type and characteristics of aids provided around its coed and the dissemination of Information through the usual channels.

- 49. At present these schemes pretreated as recommendatione. However, following resolutions adopted by the Asenbly of IMCO, a number of major maritime States have introduced or are in the process of introducing, national logicalation making it mandatory for ships under their flag to follow the general direct lon of the traffic whenever they navigate within
- the areas under traffic separation schemes adopted by IMCO. The 1972 Convention on the International Regulations for Preventing Collisions at Sea stipulates in Rule 10 principles to be followed by chips using traffic separation schemes. Thus, the observance of such schemes by ships will be regulated on a mandatory basis when the 1972 Collision Regulations come into force.

Provision of navigational equipment and crew training

- 50. The International Convention for the Safety of Life at Sea, 1960 has recently been anonded to make mandatory the carriage of modern electronic navigational equipment which was mostly carried on a voluntary basis. INCO supplemented this by developing performance standards for each item.
- 51. The training requirements and qualifications for certification of masters and officers are at present under consideration. The intention is to specify n.in.lmm qualification for training and certification for all grades of officers and crow on board perchant ships with priority for those immediately responsible for the safe navigation and handling of the chip. The ultimate aim is to conclude a Convention through a Conference which is planned for 19770 The Assembly has adopted two recommendations, one on the basic principle and guidelines on the handling of the ship to be observed during watchkeeping and the other on the training and qualifications of officers and crew of ships carrying hazardous or noxious chemicals in bulk. Particular attention is given

- to the qualificationa of the personnel serving on ships carrying hazardous and noxious cargoes and the need for special provisions concerning watchkeeping at size and ties, cargo handling and related operations of such ships.

Unification of buoyance systems and navigational warnings

- 53. A study has been initiated with a view to unifying the buoyage systeme which are at present in existence all overAsthe fworstd step, on a matter which deserved some priority, agreement has been reached . regarding the making of wrecks which present an immediate danger to navigation.
- 55. The study on the buoyage system and the radio navigational warnings is the subject of a concerted effort by IMCO, the International Hydrographic Organization, the International Association of Lighthouse Authorities, the International Chamber of Shipping and other organizations concerned with maritime matters.

Safety requirements for off-shore drilling rigs

- 56. Recent increase titheoff-chore activities for the exploration and exploitation of sea-bed mineral resources gave rise to a need for developing international standards for the construction and equipment of off-shore drilling rigs and platforms engaged in such activities in order to ensure their safe operation and avoidance of danger to ships navigation the vicinity. Studies being out in IMCO in this field have so far resulted in the formulation of recommendations on:
 - (a) the establishment of fairways through off-chore exploration areas;

- (b) the dissemination of information, charting and manning of drilling rigs and production platform;
- (a) radiocommunication requirements for drilling rigs and production platforms;
- (d) life-saving appliances of off-shore mobile units; and
- (e) fire safety of off-shore units.
- 5'?. It is intended to prepare a composite document covering all aspects of safety of such equipment based on recommendations which have been or are being developed by the various technical bodies concerned.

Carriage of Dangerous goods

- 58, The carriage of dangerous goods is regulated, in general, by the provisions of the International Convention for the Safety of Life at Sea, 1960 which accepted the classification of dangerous goods agreed by the relevant UN Committee of Experts. To supplement the provision of the 1960 Convention IMCO has developed an International Maritime Dangerous Goods Code which classifies each dangerous substance according to the nature of the danger and specifies provisions for packaging and stowage as well as other information for the guidance of the meter. The substances which have been included in the Code 00 far ore those which may affect the safety of the ship and those on board.
- 59. IMCO recently initiated detailed studies of the environmental impact of the transportation by sea of noxious substances in packaged fern, containers and portable tanks and agreed that the International Maritime Dangerous Goods Code should be modified by including therein detailed instruction for the carriage of noxious cargoes dealing with packaging, identification and marking, stowage, quantity limitation, leakages and jettisoning, incident reporting procedure, salvage and intact recovery.

60. There has been a renarkable increase in recent years In the carriage of dangerous chemicals in bulk. In order to ensure safe carriage of such substances, IMCO has developed a Code for the Construction, Equipment and Operation of ships carrying Dangerous Chemicals in Bulk. The Code provides suitable design criteria, construction standards and other measures for transporting dangerous chemical substances in bulk so as to minimize the risk to the ship, its crew and the neighbourhood with respect to fire, health, water pollution, air pollution and reactivity hazard.

Other work relating to maritime safety

- 61. In association with FAO and the ILO, IMCO has developed a Code of Safety for Fishermen and Fishing Vessels, which consists of Part A Safety and Health Practice for Skippers and Crew and Part B Construction and Equipment of Fishing Vessels. Work is in progress on the preparation for an international conference in 1976 to adopt a convention on safety of fishing vessels.
- 62. Preparation for an organizational plan for an International maritime satellite system are now well In progress. An international conference is scheduled in 1975 for the establishment of an international maritime satellite system.
- 63. IMCO has developed recommendations, Codes end guidelines on a large number of subjects, including subdivision, stability, electrical installations, ships under automated control, fire protection, life-saving appliances, radiocommunications, safety of navigation, carriage of bulk cargoes, novel types of craft, merchant ships search and rescue, etc. The following are examples:
 - Recommendation on intact stability of passenger and cargo ships below 100 metres in length;
 - Fire safety requirements for the construction and equipment of new oil tankers;

Recommnendation for testing life-jackets;

- Performance standards for shipborne navigational equipment;

 Merchant Ship search and rescue manual (MERSAR); .
- International Code of signals;
- Code of safe practice for bulk cargoes.

B. WORK RELATING TO PREVENTION AND CONTROL OF MARINE POLLUTION FROM SHIPS AND OTHER CRAFT. AND RELATED ISSUES

- 64. From its very inception, IMCO has been concerned with the prevention and control of marine pollution from ships. In 1954, before IMCO had been formally established, the International Conference for the Prevention of Pollution of the Sea by Oil, which was held in London designated IMCO as the international organization to be responsible for the depositary and other functions associated with the Convention adopted by it. The depositary functions in respect of the 1954 Convention for the Prevention of Pollution of the Son by Oil which had been provisionally assigned to the Government of the United Kingdom, were assured by IMCO immediately on its establishment in January 1959.
- 65. Since then, IMCO has continued work in relation to the prevention and control of marine pollution, not only by oil but also by other vessel-borne hazardous substances.
- 66. At present, the control and prevention of marine pollution is one of the nest important aspects of IMCO's work in the technical and legal fields.
- 67. IMCO'S work in this field was, at its inception, confined to the prevention and control of pollution of the sea by oil arising from the routine operation of ships. The programme was later developed to deal also with:
 - Prevention of oil pollution arising from accidents and casualties at sea,
 - (2) Prevention of pollution from all shipborne substances,
 - (3) The problem of compensation for pollution damage, including questions of liability, and
 - (4) Prevention of pollution arising from the operation of vessels and craft other than conventional ships. This facet in IMCO's work is still in its formative stages.

68. The main areas of work undertaken by IMCO in the field of marine pollution prevention and control are summarized below:

(i) Conventions and Instrumets relating to Marine Pollution

<u>International Convention for the Prevention of Pollution of the Sea by</u> oil, 1954 as amended in 1962

- 69. The first major step towards the international control of marine pollution was taken in 1954 when a conference held in London adopted the International Convention for the Prevention of Pollution of the Sea by Oil. The Convention was provisionally deposited with the United Kingdom Government until IMCO was established in 1959 when the depositary functions were taken over by the Organization. The principal object of the 1954 Convention was the protection of the seas from oil pollution. The Convention prescribed certain "prohibited zones" extending to at least 50 miles from the nearest land, within which the discharge of oil or oily mixtures was prohibited.
- . 70. In 1962 IMCO convened a Conference which adopted amedments to the 1954 Convention, particularly by exteding its application to include ships of lesser gross tonnage and by extending zones in which the discharge of oil was prohibited. A revised Article on Ammendments was adopted under which the IMCO Assembly is empowered, on the recommendation of the Maritime Safety Committee, to adopt amendments to the Convention and submit then to Contracting Governments for their acceptance. The 1954 Convention, as mended in 196?, has been In force since May 1967.
 - 71. In 1969, the IMCO Assembly adopted further extensive amendments to the Convention which, apart from certain practical exemptions, prohibit oil discharge through normal operation of a ship, such as tank cleaning, deballasting, etc., except under the following conditions:
 - (i) the total quantity of oil which a tanker may discharge in any ballast voyage should not exceed 1/15000 of the total cargo carrying capacity of the vessel;
 - (ii) the rate at which oil nay be discharged should not exceed 60 litres per mile travelled by the ship, and
 - (iii) any oil whatsoever from the cargo spaces of a tanker should not be discharged within 50 miles from the nearest land.

72. In 1971, the IMCO Assembly adopted two further amendments. The first of these was aimed at minimizing the amount of oil which could escape as a result of maritime accidents, particularly those involving very large tankers, and the second was for the protection of the Great Barrier Reef. ,

International Convention for the Prevention of Pollution from Ships, 1973.

73. By Resolution A.176(VI) the IMCO Asssembly in 1969 decided to convene in 1973 on international conference for the purpose of preparing a suitable international agreement for placing restraint on the contamination of the sea, land and air by ships, vessels and other equipment operating in the marine environment. In 1971, the seventh regular session of the Assembly decided,

by Resolution A.237(V11) that the main objective of the 1973 Conference would be the achievement, by 1975 if possible but certainly by the end of the decade (i.e. 1980). of the complete elimination of intentional marine pollution by oil and other noxious substances and the minimization of accidental spills.

74. A considerable part of IMCO's time and resources between 1969 and 1973 woe devoted to the preparatory work for this Conference, which was convened in October 19730 . . .

- 75. The conference adopted a new International Convention for the Prevention of Pollution from Ships, 1973 to replace the 1954/62 Oil Pollution Convention.
- 76. The new Convention covors all aspects of pollution from ships, excopts disposal of waste into the sea by dumping. It applies to ships of all types including hydrofoil boats, air-cushion vehicles, submersibles, floating craft, and fixed or floating platforms operating in the marine environment. The Convention does not, however, apply to pollution directly arising out of the coloration and exploitation of sea-bed mineral resources.
- 77. The Convention consists of Articles, two Protocols dealing respectively with Reports on incidents involving harmful substances and Arbitration, and five Annexes which contain regulations for the prevention of:
 - (a) pollution of oil; ~ .- , , . .
 - (b) pollution by noxious liquid substances carried in bulk;
 - (o) pollution by harmful substances other than those carried in bulk;
 - (d) pollution by sewage from ships; end
 - (e) pollution by garbage from ships.

78. The main provisions of the 1973 Convention, supplemented as appropriate by the related decisions of the Conference, are summarized In the following paragraphs.

(a) Prevention of pollution by oil (Annex I)

- 79. The Convention maintains the oil discharge criteria prescribed in the 1969 amendments to the 1954 Oil Pollution Convention, without substantial changes, except that the maximum quantity of oil which is permitted to be discharged in a ballast voyage of new oil tankers has been reduced from 1/15,000 to 1/x,000 of the mount of cargo carried. These criteria apply equally both to persistent (black) and non-persistent (white) oils. Anew end important feature of the 1973 Convention is the concept of "special areas". Specified areas considered to be particularly vulnerable to pollution by oil have been designated as 'special areas' in which oil discharges have been completely prohibited, with minor and well-defined exceptions. The main special areas in the Convention are The Mediterranean Sea Area, the Black Sea Area, the Baltic Sea Area, the Red Sea Area and the 'Gulfs' Area.
- 80. All oil-carrying ships will be required to be capable of operating with the method of retention on board In association with "load-on-top" system or discharge to reception facilities. To effect this, all new end existing oil tankers and other ships will, with certain exceptions, be required to be fitted with appropriate equipment, which will include an oil discharge monitoring and control system, oily water separating equipment or filtering system, slop tanks, sludge tanks, piping and pumping arrangements.
- With regard to the constructional aspects of oil tankers, two important provisions have been incorporated in the 1973 Convention. Firstly, new oil tankers, i.e. those for which the building contract is placed after 31 December 1975, of 70,000 tons deadweight and above, will be required to be fitted with segregated ballast tanks sufficient in capacity to provide adequate operating draught without a need to carry ballast water In cargo oil tanks. This requirement does not, however, cell for the fitting of double bottom tanks. Secondly, new oil tankers will be required to meet subdivision and damage stability requirements so that they con survive after collision or stranding damage at any loading conditions.

(b) Control of Pollution by noxious liquid substances (Annex II)

82. The Convention sets out detailed requirements for the discharge criteria and measures for control of pollution by noxious liquid substances carried In bulk. For this purpose, noxious liquid substances are divided into four , categories depending upon their hazard to marine resources, human health, amenities and other legitimate uses of the sea. Sons 250 substances have been evaluated and included in tie list appended to the convention. The discharge of residues containing such substances is allowed only either to receptions facilities or into the sea provided that certain conditions which vary with the category of substances are complied with. In any case no discharge of residues containing noxious substances is permitted within 12 miles from the nearest lend. The Baltic Sea Area and Black Sea Area are designated as special areas In which discharge of noxious liquid substances is prohibited,

(c) Prevention of pollution by harmful substances carried in packaged form or in freight containers or portable tanks or road and rail tank wagons (Annex III)

83. The Convention CONTAINS generaturements relating to the prevention of pollution by harmful substances carried by sea in packaged form or In light containers, portable tanks or road and rail tank wagons. Detailed requirements on packaging, marking and labelling documentation, stowage. quantity limitations and other aspects aimed at preventing or minimizing pollution of the marine environment by such substances will be developed in the future within the framework of the International Maritime Dangerous Goods Code or in other appropriate form.

(d) <u>Prevention of pollution by sewage and garbage</u> (Annexes IV and V)

84. Ships will not be permitted to discharge sewage within 4 miles from the nearest load unless they have in operation an approved treatment plant; between 4 and 12 miles from land, sewage must be comminuted and disinfected before disc&m&e.

85. As regards garbage, specific minimum distances from land have been set for the disposal of all the principal kinds of garbage, The disposal of all plastics is prohibited.

(e) Violation (Article4)

56. Any violation of the Convention, such as the unlawful discharge of harmful substances or non-compliance with the Convention requirements in respect of the construction and equipment of a ship, wherever such violation occurs, will be punishable under the law of the flag State. Any violation of the Convention within the jurisdiction of any Party to the Convention shall be punishable either under the law of that Party or under the law of the flag State. In this respect, the term "jurisdiction" In the Convention should be construed in the light of International law in force at the time of application or interpretation of the present Convention.

(f) Inspection of Ships (Article 5)

87. With the exception of very mall shops, ships(engaged on intentional voyages are required to carry on board valid International Certificates required by the Convention. Such certificate may be accepted at foreign Ports as a prima facie evidence that the ship complies with the requirements of the Convention. If, however, there are clear grounds for believing that the condition of the ship or its equipment does not correspond substantially with the particulars of the certificate, or if the ship does not carry a valid certificate, the authority carrying out the inspection may detain the ship until they satisfy themselves that the ship can proceed to sea without presenting unreasonable threat of ham to the marine environment.

(g) conference Resolutions

80. The Conference adopted 126 Resolutions, many of which called upon IMCO to pursue further studies directed towards effective implementation and improvement of the 1973 ConventionAn action plan to implement these resolutions was adopted by the Marine Environment Protection Committee at its first session.

<u>International Convention Relating to Intervention on High Seas in cases of Oil Pollution Casualties</u>. 1969

- 89. The "Torroy Canyon" disaster of1967 revealed certain shortcomings in the public international law regime regarding activities on the high seas which pose the threat of pollution to the interests of States. In particular questions were raised as to the extent to which a coastal State could take measures to protect its coastline where a casualty on the hi@ seas threatened that State with oil pollution, especially If the measures involvodare likely to affect the interests of foreign shipowners, cargo-owners and even flag States. The general consensus was that there was need for a new regime which, while recognizing the mood for sane State intervention on the high seas in cases of grave emergency, clearly restricted the right of intervention and stipulated the conditions under which, and the procedures through which, such intervention could be exercised.
- 90. At the request of the IMCO Council, the Legal Committee prepared draft Articles on these questions and these were considered by *Conference convened in Brussels in 1969. The Conference adopted the International Convention Relating to Intervention on the High Seas in Cases of Oil Pollution Casualties, 1969. This Convention affirms the right of a coastal State to take such measures on the high seas as may be necessary to prevent, mitigate or eliminate danger to its coastline or related interests from pollutionby oil or the threat thereof, following upon a maritime casualThe coastal State is, however, empowered to take only ouch action is is necessary and proportionate in the light of the pollution or threat thereof, and after due consultations with appropriate interests, including, in particular, the flag State or States of the ship or ships involved, the owners of the chips or cargoes in question and, where Circums tances permit, independent exports appointed for this purpose.

A coastal State which takes measures beyond those permitted under the Convention is liable to pay compensation for any damage caused by such measures. The Convention contains provisions for the settlement of disputes through negotiation, conciliation or arbitration,

<u>Protocol Relating to Intervention On the High Seas in Cases of Marine Pollution by Substance other than Oil</u>

- 91. The 1969 Intervention Convention applied to casualties involving pollution by oil. In view of the increasing quantity of chemical substances carried by ships some of which would, if released, cause serious hazard to the marine environment, the 1969 Conference recognized the need to extend the Convention to cover substances other than oil. Following considerable work on this subject within the Legal Committee, draft articles for an Instrument to extend the application of the 1969 Convention to substances other than oil wore prepared and submitted to the 1973 Conference on Marine Pollution.
- 92. The Conference adopted the Protocol Relating to Intervention on the High Seas in Cases of Marine Pollution by Substances other than Oil which extends the regime of the 1969 Intervention Convention to those substances other then oil which are either annexed to the protocol or which have characteristics substantially similar to those substances.

<u>International Convention on Civil Liability for Oil Pollution Damage, 1969</u>

93. The other major legal issue brought to light by the "Torrey Canyon" Incident related to the basic and extent of the ship or cargo owners! liability for damage suffered by States or other persons as a result of a marine casualty involving oil pollution. This mainly "private law" problem was also taken up by the IMCO legal Committee. Based on the draft articles prepared by that committee, the 1969 Brussels Conference adopted the International Convention on Civil Liability for Oil Pollution Damage.

94* under the Convention, liability for oil pollution danage is placed on theowner of the ship transporting the Thim. shipowner's liability is strict, but he is relieved of liability if he is able to prove that the escape of oil was due to one of a few well-defined exceptional causes. The liability of the shipowner is limited in respect of each incident. This limitation is based on the tonnage of the ship, but there is an upper limitation figure, irrespective of the tonnage of the ship involved. The Convention contains provisions determinates which hove jurisdiction in cases where pollution damage occurs in more than one State, and provisions relating to the recognition and enforcement of the judgments of competent courts in the other contracting States are required to carry insurance or other acceptable guarantee to cover their liability under the Convention.

International Convention on the Establishment of an International Fund for Communication for Oil Pollution Damage 1971

95. Although the 1969 Liability Convention provided a useful mechanism for ensuring the payment of compensation for oil pollution damage, it did not deal satisfactorily with all the legal, financial and other questions raised during the 1969 Conference. Some States objected to the regime established, since it was based on the strict liability of the shipowner for damage which he could not foresee and, therefore, represented a dramatic departure from traditional maritime law which based liability on fault. On the other hand, some States were dissatisfied with the system of liability limitation adopted. They felt that the limitation figures adopted were likely to be inadequate in cases of oil pollution damage involving some of the large oil-carrying ships in the process of construction and development. They therefore wanted an unlimited level of compensation or a very high limitation figure, if any such figure was to be accepted.

- 96. In the ligh of these reservations, the 1969 Conference considered a compromise proposal to establish an international fund, to be subscribed by the cargo interests, which would be available for the dual purpose of, on the one hand, relieving the shipowner of the burden imposed on him by the requirements of the new convention and, on the other hand, providing additional compensation to the victim of pollution damage in cases where compensation under the 1969 Convention was either inadequate or unobtainable, The Conference recommended that IMCO should take in hand the study and preparation for such a scheme. The Legal Committee accordingly prepared draft articles for a convention to establish an international compensation fund for oil pollution damage.
- 97. In 1971, a conference convened by IMCO adopted the International Convention on the Establishment of on International Fund for Compensation for Oil pollution Damage. This Convention is supplementary to the 1969 International Convention on Civil Liability for Oil Pollution Damage.
- 98. Under the 1971 Fund Convention, an International Oil Pollution
 Compensation Fund is established. firstly to ensure adequate compensation
 for victims of pollution damage who are unable to obtain any or adequate
 compensation under the 1969 liability Convention end, secondly, to provide
 some relief to shipowners in respect of part of additional financial burden
 imposed on them by the 1969 Civil Liability Convention. However, a shipowner
 is only able to benefit from the 1971 Convention if his ship complies with
 certain international conventions establishing safety and anti-pollution standards.
 A State which has suffered oil pollution damage and which has not been fully
 compensated for it under the 1969 Convention will receive compensation from
 the Fund, up to a level more than twice the limitation figure established
 in the 1969 Civil Liability Convention.
- 99. The Fund is maintained by initial and annual contributions from persons in Contracting States who receive "catributing oil" in substantial amounts in ports or terminal installations in those States. Assessments and other necessary administration are carried out by a Fund Organization composed of all Contracting States. The Fund Organization consists of an Assembly, an Executive Committee (in certain cases) and a secretariat headed by a Director.

(ii) Recommendation and other Guidelines relating to the Prevention of Marine Pollution from Ships

Manual on Marine Pollution

100. IMCO has been preparing a practical manual on marine pollution which will eventually consist of the following four sections:

- I. Methods of preventing oil pollution from ships
- II. Contingency Planning
- III. Salvage of oil from stricken vessels . . !
- IV. Practical information on means of dealing with oil spillages.

So far the work on Section IV in relation to oil spillages has been completed and issued as a separate volume. It is intended to assist Governments, particularly those of developing countries which may be called on to deal with such spillages, and contains information on such matters as:

- (i) The properties of the various types of oils encountered and their behaviour when spilt at Boa;
- (ii) methods of containment, removal and treatment (mechanical and chemical) of oil spills in the sea;
- (iii) methods Of removal and treatment of oil on various types of beaches and coastlines.

Other matters

- 101. Recmmendations have also been node to governments on the following Subjects:
 - (a) Reports on accidents involving significant spillages of oil including the appointment of a national officer or agency to receive such reports and to transmit relevant details to all other governments concerned;
 - (b) international performance specifications for oily-water separating equipment and oil content meters;

- (o) disposal of oily bilge and ballast water from ships in ports (excluding effluent from cargo/ballast tanks in tankers) including piping arrangements and specifications for a standard shore connection; and
- (d) provision of facilities in ports for the reception of oily residues from ships.

c. <u>C. OTHER WORK RELATING TO SHIPPING AND RELATED MARITIME ACTIVITIES</u>

102. IMCO's activities include work in relation to other aspects of shipping and maritime activities which cannot be easily subsumed under any one of the two categories described above. The most important of these other areas of IMCO's activities are the following:

Tonnage Measurement of ships

103. IMCO convened in 1969 an International Conference on Tonnage Measurement of Ships which resulted in the adoption of the International Convention on Tonnage Measurement of Ships, 1969. The Convention provides for gross and net tonnage of ships. The gross tonnage is determined from a formula as a function of the total moulded volume of all enclosed spaces, while the net tonnage is derived from a formula as a function of the total moulded volume of cargo spaces, ratio of moulded depth and number of passengers.

104. The significance of the *new* Convention is not only that it provides a unified system of tonnage measurement which has not existed hitherto, but also that, by comparison with the existing tonnage measurement regulations, it simplifies ton meat extent the calculation of tonnage. The new Connation will, when it comes into force, greatly benefit maritime administrative, port authorities, shipowners, shipbuilders and others who use tonnage.

Facilitation of International Maritime Traffic

105. The Convention on Facilitation of International Maritime Traffic $_{\text{WAS}}$ adopted by a Conference convened by $_{\text{IMCO}}$ in 1965 and $_{\text{WAS}}$ aimed at reducing and simplifying governmental formalities, documentary requirements and procedures connected with the arrival, stay and departure of ships; it came into force on 5 March 1967. Thirty-four Governments are so far Parties to the Convention. The Conference made explicit reference to a number of problems which required the immediate

attention of the Organization, such as the establishment of Standard ferns of documents, facilities for cruise ships and their passengers, formalities concerning transit passengers and quarantine procedures for the carriage of animals and plants by sea.

106. These problem have been considered, first by on Ad Hoc Working Group 'appointed by the IMCO Council and, later, by the Facilitation Committee. As a result of these discussions recommendations have been produced on the following subjects:

- (1) Standardization of shipping documents.
- (2) Facilitation of container transport. " ~ '
 ,.. (3). Facilitation of ships on cruises, , , .- ~ . .,
 - (4) Facilitation measures for ships engaged in scientific services.
 - (5) Facilitation measures in respect of passengers in transit, and
 - (6) Facilitation of international travel and tourism.

IMCO's Work in the Legal Field

107. In addition to the legal work which is directly related to the prevention and control of marine pollution, the Legal Committee of the Organization has undertaken work on several aspects of shipping and maritime law. Principal subjects on which work has been begim or concluded are:

(I) Maritime transport of nuclear material .

108. In 1971 the Organization convened, in association with the International Atomic Energy Agency, a Conference which adopted a convention to regulate liability in respect of damage arising from the maritime carriage of nuclear substances. The purpose of this convention is to resolve difficulties and conflicts which arise from the simultaneous application, to nuclear damage, of certain maritime conventions dealing with shipowners' liability as well as other conventions which Placed liability arising fro nuclear incidents on the operators of the nuclear installations from which or to which the material in question was being transported

(ii) Conditions of Carrigage of Passengers and their Luggage on Board Ships

109. The Legal Committee has just completed its work in preparing draft articles for a convention to regulate the liability of Shipowners in respect of death or injury to passengers and damage or loss of their luggage. The draft convention will be considered for adoption by a diplomatic conference which wills be convened in November 1974.

Other matters on which the Legal Committee is currently engaged include:

(a) Wreck Removal and Related Issues '

110. The object of this study is to provide for an international convention which till regulate the rights and obligations of States and shipowners in respect of the removal of wrecks which pose a hazard to navigation. There has been a proposal to include in the scope of the convention wrecks which pose a hazard to the environment. It is envisaged that a convention on the subject will be ready for consideration and adoption some time in 1976.

(b) The Revision of the Convention Relating to the Limitation of Liability of (Owners of Sea-Going Ships, 1957

111. The Legal Committee is beginning consideration of this subject with a view to the adoption of a revised convention in 1976.

(o) Legal Status Of ODAS

112. Oceanographic activity on the seas has increased considerably and this calls for a detailed legal regime which would, in particular, define and regulate the legal status of the devices, large and small, employed in and under the seas for scientific research. These devices, conveniently referred to as Ocean Data Acquisition System (ODAS) have boon the subject of joint and collaborative study by IMCO and UNESCO and its Intergovernmental Oceanographic Commission (IOC). The purpose is to produce a treaty which will d.eel, inter alia, with the identification and positioning of these devices and the question of liability for damage caused by or as a result of the siting or operation of these devices.

113. The Legal Committee is also giving active consideration to the extoneione of the 1969 Convention on Civil Liability for Oil Pollution Damage (see paragraphs 88-89 above) to cover pollution arising from substances other than oil.

IMCO's work in the Field of Technical Assistance to the Developing Countries

114. The International Development Staetegy has as one of its main objectives the development by the developing countries of their own national shipping lines as a neons, inter alia, of improving their balance of payments position in world trade. One of the principal problemsq faced by developing countries, in the development as well as the operation of national shipping lines, is the non-availability or inadequate supply of the technical expertise required for the administration, manning and servicing of shipping concerns. By virtue of its activities in respect of technical and specialized fields of shipping and related matters, IMCO is particularly equipped to provide assistance in this field. A programme of technical assistance to developing countries is in operation and expert assistance has been provided to the developing countries in diverse fields such as:

- (1) Safety of navigation and maritime training
- (2) Administration of ship safety
- (3) Design of ships and technical aspects of ship construction
- (4) Carriage of goods by sea
 - (5) Prevention and control of pollution of the sea by lps '
 - (6) Transport' of Containers
 - (7) Special ships and off-shore craft
 - (8) Facilitation of maritime traffic
 - (9) Ports operations
 - (y) Total operations
 - (lo) Law and regulations applicable to ships and shipping
 - (n) Maritime Law ...
- 115. IMCO is an executing agency of the UNDP and by virtue of this has been assigned responsibility for a number of large-scale projects in Algeria, Brazil, Bulgaria and Egypt.
- 116. In Algeria(Algiers)IMCO is executing a project for the trainingo f maritime personnel. The aim of the project in to assist the Government of Algeria in the training of nationals for its growing merchant fleet, and the adoption of legislation implementing the various international conventions ratified by that country.

- 117. In Brazil (Rio de Janeiro) IMCO is executing a project for the expansion and modernization Of the programme Of training merchant marine personnel and port operations. The aims of this project are to provide training facilities "and courses to train teaching staff for courses to be offered by the Centre end to train officers, engineers end technicians to meet the expanding Brazilian Merchant Marine.
- 118. In Bulgaria (Varna) IMCO is the executing agency for a project for broaden@ the scope of the shipbuilding design and research Institute.
- 119. In the Arab Republic of Egypt (Alexandria) IMCO is executing a regional project for the development of a regional maritime training Institute. The following countries are, to date, contributing to or expected to contribute to the project: Arab Republic of Egypt, Democratic Republic of Yemen, Iraq, Kuwait, Libya, Qatar, Saudi Arabia, Sudan, Syria end the United Arab Emirates. The purpose of this project is to develop a comprehensive programme of training to suit the regional requirements and to strengthen and develop the maritime transportation section in each of the participating countries.
- 120. IMCO is also responsible for a large number of small-scale projects and fellowships. It provides individual experts to a number of developing countries in the field of maritime training, maritime legislation, harbour piloting, prevention of marine pollution, maritime safety, chip construction and repairs and naval architecture. Fellowship and training programs for the nationals of developing countries, which are considered nest vital as a follow-up of UNBP-assisted project activities, continue to grow at a steadily increasing pace annually.
- 121. IMCO has kept very much in the forefront the need for consultation and eo-ordination with other agencies which may be engaged in fields related to those in which IMCO is interested. As a result of these consultations, working arrangements have been entered into with some of these other agencies. In particular collaboration with the ILO and UNCTAD has been strengthened.
- 122. For example the ILO has provided the services of experts in port operations and catering as port of the project in Brazil, while UNCTAD has been requested to provide exports on the commercial and economic aspects of shipping for the regional project in Alexandria.

- 123. With regard to technical assistance for the training of sea-going personnel, which involves the activities of both IMCO and the ILO, the Secretary-General of IMCO and the Director-General of the ILO have established a common undertaking to co-operate as closely as possible to promote a better use of the resources mailable to their organizations.
- 124. Recognizing that the activities and Interests of the two organizations in the field of shipping and other maritime matters are complementary to each other, IMCO and UNCTAD have developed close working contacts in order to ensure, where appropriate, a co-ordinated programme of technical assistance In maritime transport for the benefit of developing countries requesting assistance. As part of this close contact, the two organizations have issued a joint document outlining the main areas of their respective competence and describing the services which IMCO and UNCTAD can offer, jointly or separately, in providing resistance under the auspices of the UNDP.
- 125. The IBRD has sub-contracted to IMCO, the execution of a project for the rehabilitation of the existing Indonesian Inter-island Fleet, involving over 200 ships. This project, when completed, Will bring as many of the Inter-island ships as can be economically repaired up to internationally accepted standards of safety, thereby making the maximum use of the existing resources.

Relations with Other Organizations

126. In performing its many and varied activities IMCO relies on the Information and advice from a large number of International organizations, inter-governmental as well as non-governmental, which have interests in various aspects of shipping and maritime transport. Inter-governmental organizations are brought into association with IMCO by means of special agreements or arrangements of co-operation, and non-governmental organizations are granted "consultative status" where necessary. Under those arrangements the organizations concerned are enabled to participate in discussions in IMCO bodice and to submit documents, data and views to these bodies for their consideration. By this arrangement a large body of technical, professional and inter-disciplinary expertise is made available to the IMCO bodies; and this helps to ensure that the regulations, recommendations and guidelines prepared by those bodice take due account of practical realities as well as the views and special interests of the concerns which will be involved

in implementing them. Among the organizations with which IMCO has established orking relationships are:

- 1. The Organization of African Unity
- 2. The Internationalssociation of Lighthousauthorities
- 3. The International Hydrographic Organization

- 34-

IV. CO-ORDINATION OF IMCO'S WORK WITH RELATED WORK WITHIN THE UNITED NATIONS SYSTEM OF GANIZATIONS

127. IMCO has always recognized that the work it does in respect of technical end legal matters relating to shipping and related maritime operations is a part of the total effort of the United Nations system in promoting the objectives in the economic, social and educational field set forth in Article 55 of the United Nations Charter. For this reason it has, from its very inception, accepted the central and co-ordinating role of the United Nations and has agreed to co-operate in making the co-ordination of the policy and activities of the UN and its specialized agencies fully effective.

128. In pursuance of this agreement IMCO has established appropriate working arrangements, formal as well as informal, with the United Nations, its subsidiary bodies and commissions and all the specialized agencies and related organizations whose work affects, or is affected in any way by, the work and concerns of IMCO. A brief resume of IMCO's relations and co-operation with organizations in the UN system is provided the following paragraphs.

The United Nations

129. By virtue of itsRelationship Agreement with the Uniteditions IMCO maintains, primarilyh@ the Secretariat, a continuous liaison with United Nations In respect of all itsactivities. A full report on the work IMCO is presented to the Economic and Social Council every year for consideration and comments by the Members. Details of IMCO's proposed work programmes, biennial, medium and long-term, are always submitted to the United Nations Secretariat for submission to the appropriate bodies for information and comment. IMCO, through its Secretariat, participate fully in the" various bodies established to promote maximum co-ordination within the United Nations system, including in particular the Committee on Programme and Co-ordinationthe Administrative Committee on Co-ordination and the Joint Inspection Unit.

130. IMCO also co-operates and maintains liaison with the other organs and specialized bodies of the United Nations. ,

The Regional Economic Commissions

131. IMCO has established lines of communications with the Regional Economic Commissions, especially in respect of matters affecting maritime transport.

These relations, which have not been very strong in the pad, are in the process of being re-organized and improved. Particular emphasis is now being placed on IMCO's liaison with the regional economic commissions operating in developing countries.

UNCTAD and UNCITRAL

132. IMCO has closely followed the work of these two bodies and has actively participated In their work, especially regarding international legislation on shipping. There is a particularly close relationship between the Secretariats of IMCO and UNCTAD who consult and co-operate with each other in netters of common interest to both organizations. In the matter of technical assistance to developing countries in shipping matters, the two organizations work together, where appropriate.

The United Nations Development Programme

133. IMCO is an executing agency of the United Nations Development Programm and is responsible for an expanding programme of technical assistance in the field of shipping. In performing its fictions in this field, IMCO makes full use of the facilities provided by the UNDP, particularly through its Resident Representatives, and also relies on advice, information and other assistance from the regional economic commissions.

The Specialized Agencies and the IAEA

134. IMCO has entered into working arrangements with a large number of the specialized agencies and the IAEA. In some cases, these arrangements are embodied in formal agreements, whilst in others they are based on informal understanding@ entered into between the Secretariats, with the approval of the appropriate governing bodies. On the basis of these arrangements, continuous liaison is maintained with the various agencies. Where the circumstances so require, standing or ad hoc arrangements have been initiated to deal with problems identified to be of corner concern to ExCO on the one hand and to one or more of the agencies on the other. Examples of these, in addition to three already referred to in this document are:

- 1. The Joint IMCO/ILO Committee on Training of Masters and Crow.
- 2. Joint IMCO/FAO/ILO Group of Consultants on Safety of Fishing Vessels.

135. Perhaps the nest important of the co-operative arrangements established between IMCO end the other agencies is the Group of Experts on the Scientific Aspects of Marine Pollution (GESAMP) which is jointly sponsored by the UN, the FAO, UNESCO, VMO, WHO, the IAEA and IMCO. This Group considers various scientific matters upon which the sponsoring agencies require export advice in connexion with the pollution of the marine environment. IMCO has relied on this Group in its work on the identification of noxious and hazardous cargoes which nay be considered as potential pollutants.

Q., .,-

The United Notions Conference on the" Human Environment and the UN Environment Programme

136. IMCO participated actively in the preparations for the United Nations '"
Conference on the Human Environment held in 1972. In accordance with decisions of the IMCO Assembly and Council the Secretariat co-operated with the Secretariat of the United Nations in connexion with the various stages of the preparatory work In particular the cervices of a Member of the IMCO Secretariat were made available to the United Nations secretariat in connexion with the preparatory work relating to marine pollution. In addition, IMCO provided a venue and facilities for the helm of the first session of the Inter-Governmental Working Group on Marine Pollution as part of the preparations for the Conference and the Secretariat participated fully in the work of the Conference itself. In a resolution passed at its seventh regular session in October 1971, the Assembly requested the Council, the Maritime Safety Committee and the Secretary-General of IMCO to "implement any decisions of the (Human Environment) Conference entrusting responsibilities to IMCO..."

137. Since the establishment, by General Assembly resolution 2997 (XXVII) of the United Nations Environment Programme, the IMCO Secretariat has 'established co-operative relations with the Secretariat of the Programme and has followed and participated in "the work of the Governing Council of the Programme. . . . ;,

The Committee on the Peaceful Uses of the Sea-Bed and Ocean Floor Beyond the Limits of National Jurisdiction and the Third United Nations Conference on the Law of the Sea

138. Pursuant to decisions of the IMCO governing bodies, the IMCO Secretariat participated fully in the work of the Sea-bed Committee, particularly in relation to the parts of its mandate dealing with the preservation of the

marine environment, including, inter alia, the prevention of pollution, and scientific research. Either on its own initiative or at the request of the Committee, its Sub-committees or individual deletions, the IMCO Secretariat submitted documents containing information on aspects of IMCO's work which were related to the work of the Committee. In many cases those documents were supplemented by statements made by the representatives of the IMCO secretariat at various sessions of the Sea-bed Committee, its Sub-Committees and the subsidiary bodies of the Sub-committees.

- 139. The following is a list of the main documents and statements which were submitted by the IMCO Secretariat at various sessions of the Sea-bed Committee and its Sub-Committees.
- Statement made to Sub-Committee III on 17 March 1972.
- 2. Document on the preparations for the 1973 Marine Pollution Conference sented to Sub-Committee III at its July/August session in 1972 QAC.138/SC.111/L.15).
 - Document on Traffic Separation Schemes presented to Sub-Committee III at its July/August session in 1972 (MISC.72(8)).
 - 4. Statement introducing the document on Traffic Separation Schemes, made to the 22nd session of Sub-Committee III on 26 July 1972 (A/AC.138/ SC/ III L/21).
 - Statement Introducing document A/t.c.138/sC.111/L.15, made to the 23rd session of Sub-Committee III on 28 July 1972.
 - 6. Document on developments in the preparations for the 1973 IMCO Marine Pollution Conference presented to Sub-Committee III at its March/April session in 1973. (A/AC.138/2C.111/L.30).
 - Statement Introducing document A/Ac.138/sc.111/L.30, made to the 37th cession of Sub-committee III on 29 March 1973.

In addition to these documents and statements, the representatives of the IMCO Secretariat participated in many of the meetings of the Working Group established by sub-Committee III of the Sea-bed Committee.

140. As was to be expected, nest of the references to the work of IMCO during the discussions of the Sea-bed Committee were directed particularly to the preparations which were going on in IMCO for holding a Conference on Marine Pollution in 1973. In the documents and statements made to the sea-bed Committee the IMCO Secretariat informed the Committee of the preparations

for this Conference and passed on to the appropriate 11420 bodies the views expressed in the Sea-bed Committee In respect of subjects which wore relevent to the work of the IMCO Conference.

141. When the Conference convened in October 1973, it took note, <u>inter</u> alia, of a communication from the Chairman of the sea-bed Committee on the relationship between the Conference's work and that of the law of the Sea Conference. On the basis of its discussions on these matters, the Marine Pollution Conference included, in the Convention on the Prevention of Marine Pollution from Ships, 1973, a provision to the effect that:

"Nothing in the present Convention shall prejudice the codification and development of the law of the sea by the United Nations Conference . . on the Law of the Sea convened pursuant tO Resolution 2750(xxv) of the General Assembly of the United Nations nor the present or future claims and legal views of any State concerning the law of the sea and the nature and extent of coastal and flag State jurisdiction". (Article 9, paragraph 2.)

- 142. Again, in its Article 3 (which deals with the scope of application of the Convention) the Convention provides that "nothing in the (provisions of that Article) shall be construed us derogating from or extending the sovereign rights of Parties under international law over the sea-bed and subsoil thereof adjacent to their coasts for the purposes of exploration and exploitation of their notional resources".
- 143. In addition to these provisionss of the Convention Itself, the Conference found it necessary to explain further, in resolutions, the way it conceived the relationship between its work and the work of the Conference on the Law of the Sea.
- 144. In its Resolution 23 the Conference, after noting that the Convention it had adopted dealt mainly with technical questions such an the operation, equipment and design of ships, expressed the view that:
 - (a) the appropriate forum to deal with the question of the nature and extent of States' rights over the sea is the Conference on the Law of the sea;
 - (b) the decision of the (IMCO) Conference reflects a clear intention to leave that question to the Conference on the Law of the See, end
 - (0) the rights exercised by a State within its jurisdiction in accordance with the (1973) Convention do not preclude the existence of other rights of that State under international law,

145. In another resolution (Resolution 25) the Conference, after noting the Law of the Sea Conference had been convened by the United Nations, declared that in its view international low concerning marine pollution ferns part of the Law of the Sea and requested the Secretary-Conoral of IMCO to forward the 1973 Convention for the Prevention of Pollution from Ships to the Conference on the Law of the Sea so that that Convention could be "taken into account in the broader context of the Conference (on the Law of the Sea)".

146. In yet another resolution (Resolution 24) the 1973 Conference recognized the need for effective co-ordination of activities carried out by different international organizations concerned with the prevention and control of marine pollution and recommended that IMCO, where necessary, should consult with and seek assistance from other international organization and expert bodies concerned within the UN system in order to achieve the objectives of the (1973) Convention. The texts of the Resolution of the Conference referred to above are reproduced in Annex III to this document.

V. CONCLUSIONS

147. The IMCO Secretariat has submitted this rather extensive document at this stage because it felt that a fairly comprehensive description of the work which IMCO has done, or plans to do in the future, in the maritime field would be of interest to the delegations attending the Third United Nations Conference on the Law of the Sea.

ANNEX1

. STATUS OF THE CONVENTION ON THE INTER-GOVERNMENTAL MARITIME CONSUMPTIVE ORGANIZATION AS AT 31 MARCH 1974

<u>States</u> :	<u>Date of receipt of</u> <u>the instrument of</u> <u>acceptance</u>					
ALGERIA : .	31 October 1963					
ARGENTINA ".	18 June 1953 -					
AUSTRALIA	13 February 1952					
BARBADOS	7 January 1970					
BELGIUM	9August 1951.					
BRAZIL "' .	4 March 1963					
BULGARIA	5 April 1960					
BURMA VI	6 July 1951 `					
CANADA ''	15 October 1948					
CHILE	17 February 1972					
CHINA ~ .	1 March 1973					
CUBA ,, ;	6 May 1966					
CYPRUS	21 November 1973					
CZECHOSLOVAKIA	1 October 1963					
DENMARK ·	3 June 1959					
DOMINICAN REPUBLIC	25 August 1953 w					
ECUADOR	12 July 1956					
EGYPT	17 March 1958					
EQUATORIAL GUINEA	6 September 1972					
FINLAND	21 April 1959					
FRANCE	9 April 1952					
GERMAN DEMOCRATIC REPUBLIC	25 September 1973					
GERMANY, FEDERAL REPUBLIC OF	7 January 1959					
GHANA	6 July 1959					
GREECE	31 December 1958					
HAITI " "	23 June 1953					
HONDURAS	23 August 1954					
HONG KONG* '	7 June 1967					

^{*} Associate Member

<u>Statefls</u>	<pre>Date of receipt of the instrument of</pre>
HUNGARY	10 June 1960
ICELAND :::".	8 November 1960
INDIA -	6 January1959
INDONESIA	18 January 1961
IRAN	2 January 1958
IRAQ	28 August 1973
TRELAND	26 February 1951
ISRAEL .	24 April 1952
ITALY	28 January 1957
IVORY COAST	4 November 1960
JAPAN .	17 March 1958
JORDAN	9 November 1973
KENYA	22 August 1973
KHMER REPUBLIC	3 January 1961
Kuwait	5 July 1960
LEBANON "	3 May 1966
LIBERIA	6 January 1959
LIBYAN ARAB REPUBLIC	16 February 1970
MADAGASCAR	8 March 1961
MALAYSIA	16 June 1971
MALDIVES	31 May 1967
MALTA	22 June 1966
MAURITANIA	8 May 1961
MEXICO	21 September 1954
MOROCCO	. 30 July 1962
NETHERLANDS	, 31 March 1949
NEW ZEALAND	9 November 1960
NIGERIA	15 March 1962
NORWAY	29 December 1958
OMAN	30 January 1974
PAKISTAN	21 November 1958

<u>States</u>	Date of receipt of the instrument of acceptance
PANAMA	31 December 1958
PERU	15 April 1968
PHILLIPPINES	9 November 1964
POLAND	16 March 1960
REPUBLIC OF KOREA	10 April 1962
ROMANIA	28 April 1965
SAUDI ARABIA	25 February 1969
SENEGAL	7 November 1960
SIERRA LEONE	14 March 1973
SINGAPORE	17 January 1966
SPAIN	23 January 1962
SRI LANKA	6 April 1972
SWEDEN	27 April 1959
SWITZERLAND	20 July 1955
SYRIAN ARAB REPUBLIC	28 January 1963
THAILAND	20 September 1973
TRINIDAD AND TOBAGO	27 April 1965
TUNISIA	23 May 1963
TURKEY	25 March 1956
UNION OF SOVIET SOCIALIST REPUBLICS	24 December 1958
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	14 February 1949
UNITED REPUBLIC OF CAMEROON	1 May 1961
UNITED REPUBLIC OF TANZANIA	8 January 1974
UNITED STATES OF AMERICA	17 August 1950
URUGUAY	10 May 1968
YUGOSLAVIA	12 February 1960
ZAIRE	16 August 1973

ANNEX II

LIST OF CONVENTIONS AND OTHER INSTRUMENTS FOR WHICH IMCO IS THE DEPOSITARY

(1) The International Convention for the Safety of life at Sea, 1948 (SOLAS 1948)

Entry into force; 19 November 1952

(2) The International Convention for the Safety of Life at Sea, 1960 (SOLAS 1960)

Entry into force: 26 May 1965

(a)	1966	amendments:	not	yet	in	force	
(b)	1967	Amendments:	n				
(c)	1968	Amendments:		1	ı		
(d)	1969	Amendments:		1	n		
(e)	1971	Amendments:		1	N .		
(f)	1973	(General) Amendments:		()		
(g)	1973	(Grain) Amendment:		1	1		

(3) The International Relations for Preventing Collisions at Sea, 1960 (COLREG 1960)

Applied since 1 September 1965

- (4) The Convention on the International Regulations for Preventing Collision at Sea, 1972 (COLREG 1972)

 Not yet in force
- (5) The International Convention for the prevention of Pollution of the Sea by Oil, 1954, as amended (OILPOL (amended) 1954)
 - (a) 1969 Amendments: not yet in force
 - (b) 1971 (Great Barrier Reef)Amendments:
 - (0) 1971 (Tanks.) Amendments:
- (6) The International Convention for the Prevention of Pollution from ships, 1973 (OILPOL 1973) Rot yet in force

- 44-

(7) The Convention on Facilitation of International Maritime Traffic, 1965 (FAL 1965)

Entry into force: 5 March 1967

- (a) 1973 Amendment: not yet in force
- (b) Amendments to the Annex:
 - Cruises and Cruise passengers
 Entry into force: 12 August 1971
 - (ii) passengers in Transit and Scientific ServicesNot yet in force
 - (iii) Cargo Handling Equipment
 Not yet in force
 - (iv) Shore Leave
 Not yet in force
 - $\begin{array}{ccc} (v) & \hbox{\tt Upgrading of Recommended Practices} \\ & \hbox{\tt Not yet in force} \end{array}$
- (8) The International Convention on Load Lines, 1966 (LL 1966)

Entry into force: 21 July 1968

- (a) 1971 Amendments: not yet in force
- (9) The International Convention on Tonnage Measurement of Ships, 1969 (TONNAGE 1969)
 Not yet in force
- (10) The International Convention Relating to Intervention on the
 High Seas in Cases of Oil Pollution Casualties, 1969
 (INTERVENTON 1969)
 Not yet in force
- (11) The Protocol Relating to Intervention on the High Seas In Cases of Marine Pollution by Substances other than Oil, 1973 (INTERVENTION PROT 1973) Not yet in force

- (12) The International Convention on Civil Liability for Oil Pollution Damage, 1969 (CLC 1969) Not yet in force
- (13) The Specia; Trade Passenger Ships Agreement, 1971 (STP 1971)
 Entry into force: 2 January 1974
- (4) The Protocol on Space Requirements for Special Trade Passenger ships, 1973 (SPACE STP 1973)

 Not yet in force
- (15) The International Convention Relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material, 1971 (NUCLEAR 1971)

 Not yet in force
- (16) The International Convention on the Establishment of an International Fund for Compensation for Oil Pollution Damage, 1971 (FUND 1971) Not yet in force
- (17) The International Convention for Safe Containers, 1972
 (CSC 1972)
 Not Yet in form

• AHNEX 111

CERTAIN RESOLUTIONS ADOPTED BY THE 1973 COMPRESSEE ON MARITIME POLLUTION

RESOLUTION 3

THE COMPLETE ELIMINATION OF OIL POLLUTION FROM SHIPS

THE CONFERENCE

HAVING CONCLUDED the International Convention for the Prevention of Pollution from Ships, 1975,

BEING AWARE of Recommendation 86 (e) adopted by the United Nations Conference on the Human Environment, 1972, recommending Governments, within the framework of the 1973 Inter-Governmental Maritime Consultative Organization Conference on Marine Pollution, inter alia, to strive towards complete elimination of deliberate pollution by oil from ships, with the goal of achieving this by the middle of the present decade,

NOTING that the Governing Council of the United Nations
Environment Programme at its first session has requested the Executive
Director to urge the Inter-Governmental Maritime Consultative
Organization to set a time-limit for the complete prohibition of
intentional oil discharge in the seas,

CONSIDERING that the Convention and Particularly the regulations contained therein on the discharge of oil into the sea will be an important means of curbing pollution by oil from ships,

RECOGNIZING, ho~'ever, that the Convention alone may not be sufficient for a satisfactory protection of the sea from pollution by oil from ships,

RECOMMENDS that Governments and other interested bodies concerned undertake concerted efforts, including the elaboration of additional regulations within the framework of the Organization arid the provision of the necessary reception facilities, further to reduce the discharge of oil from ships into the sea with a view to the complete elimination of intent inentional pollution as soon as possible, but not later than the end of the present decade,

INVITES the organization to take all possible measures to assist Governments in this task.

RESOLUTION 5.

INTENTIONAL POLLUTIONS OF THE SEA AND ACCIDENTAL SPILLAGES

THE CONTERENCE.

NOTING **that it was assigned the** following two objectives by Resolution A, 237 (VII), adopted by the Assembly of the Inter-Governmental Maritime Consultative Organization,

- (1) the complete elimination of willful and intentional pollution of the sea by oil and noxious substances other than oil; and
- (2) the minimization of accidental spills;

these objectives to be achieved by 1975, if possible, but certainly by the end of the decade,

RECOGNIZING that it has primarily been as a result of extensive preparatory work within the Organization that the Conference has been able to prepare and open for signature the International Convention for the Prevention of Pollution from Ships, 1973,

BEING AWARE that the said Convention comprehensively covers the problem of intentional pollution by oil, noxious liquid substances in bulk, harmful substances in packaged forms or in freight containers or portable tanks or road and rail tank wagons, sewage and garbage, whereas it deals with the problem of accidental pollution only to a limited extent, bearing in mind that many aspects of this problem are and will continue to be dealt with within the framework of other technical Conventions relating to maritime safety,

BEING ALSO AWARE of the close relationship between ship safety and the prevention of pollution from ships,

RECOGNIZING ALSO that considerable progress has been made by the $or_{gan}i_{ra}tio_n$ in furtherance of the second objective, by developing proposed international rules and standards directed towards, or contributing to, the prevention, mitigation and minimization of accidental pollution, including the prevention of accidents to ships, minimization of spillages after accident and mitigation of damage after spillages,

RECOGNIZING FURTHER that a considerable amount of work in this field leading to the formulation of, and amendments to, conventions for which the Organization is depositary, and other instruments relating to ship safety and prevention of pollution, has yet to be accomplished,

RECOMMENDS that the organization pursue and encourage studies relating to pollution abatement in the marine environment such as:

- (a) collection of scientific data on the identification of harmful substances transported by ships and their effect on the marine environment;
- (b) collection of ship casualty statistics, particularly on casualties resulting in the pollution of the marine environment;
- (c) analysis of such casualty data including the interrelationship of average tanker size and age with incidents and magnitude of pollution casualties,

RECOMMENDS FURTHER that the Organization continue its work With high priority on the development of measures for the minimization of accidental spillages, particularly those relating to:

- (a) prevention of accidents to ships including:
 - (i) safe navigational procedures and traffic separation schemes for the prevention of collisions, strandings and grounding, this to include the ultimate development of international performance standards for navigational aids;
 - (ii) watchkeeping practices in port and at sea and the training and certification of seamen;
 - (iii) provision of modern navigational and communications equipment;
 - (iv) the operational procedures during the transfer, loading and unloading of oil and noxious substances;

- (v) manoeuverability and controllability of large ships;
- (vi) construction and equipment of ships carrying oil or noxious substances; and
- (vii) safe carriage of dangerous goods in packaged forms or in freight containers or portable tanks or road and rail tank wagons,
- (b) minimization of the risk of escape of oil and other noxious substances in the event of maritime accidents, including facilitation of transfer of cargo in the event of accidents,
- (c) minimization of pollution damage to the marine environment including:
 - (i) study and development of new techniques and methods for cleaning, recycling and disposing of hazardous substances carried by ships; and
 - (ii) technical study and development of devices and chemicals used in removing oil and other harmful substances discharged into the sea,

with a view to having appropriate action taken by way of the adoption and implementation at an early date of amendments to existing conventions relating to safety at sea and prevention of pollution or of new conventions, as appropriate.

' PROM3TIO!4 OF TECHNICAL CO-OPERATION

THE CONFERENCE,

RECOGNIZING that the complete elimination of pollution in the marine environment by ships requires broad international co-operation and technical and scientific resources.

RECOGNIZING FURTHER that Parties to the International Convention for the Prevention of Pollution from Ships, 1973, will be asked to undertake full responsibility and make arrangements for detecting, monitoring and preventing or mitigating pollution by ships,

BELIEVING that the promotion of technical co-operation on an inter-governmental level wills hasten the implementation of the Convention by States not already possessing the necessary or adequate technical and scientific expertise,

URGES Governments to promote, in consultation with the Inter-Governmental Maritime Consultative Organization and other international bodies, and with assistance and co-ordination by the Executive Director of the United Nations Environment Programme, support for those States which request technical assistance for:

- .(a) the training of scientific and technical personnel;
- (b) the supply of necessary equipment and facilities for monitoring;
- (c) the facilitation of other measures and arrangements to prevent or mitigate pollution of the marine environment by ships; and
- (d) the encouragement of research,

URGES FURTHER Governments to initiate action in connexion with **the above** without awaiting the entry into force of the Convention.

NATURE AND EXTENT OF STATES' RIGHTS OVER THE SEA

THE CONFERENCE,

BEARING IN MIND that a United Nations Conference on the Law of the Sea is to be convened pursuant to Resolution 2750 C (XXV) of the General Assembly of the United Nations,

TAKING INTO ACCOUNT the specialized character of the present Conference, $\$

CONSIDERING that the International Convention for the Prevention of Pollution from Ships, 1973, establishes technical requirements relating to the operation, design and equipment of ships with regard to the prevention of marine pollution, and that, wherever necessary, these international standards should be progressively amended and further improved within the framework of that Convention,

MINDFUL of paragraph (2) of Article 9 of the Convention,

NOTING that the Convention deals mainly with technical questions such as operation, equipment and design of-ships,

BEING CONVINCED that the appropriate forum to deal with the question of the nature and extent of States' rights over the sea is the above-mentioned Conference on the Law of the Sea,

DECLARES that the decision of the present Conference reflects a clear intention to leave that question to the above-mentioned Conference on the Law of the Sea,

DECLARES FURTHER that the rights exercised by a State within its jurisdiction in accordance with the Convention do not preclude the existence of other rights of that State under international law.

CO-ORDINATION OF ACTIVITIES ON THE PREVENTION AND CONTROL OF MARINE POLLUTION

THE CONFERENCE,

NOTING that the International Convention for the Prevention of Pollution from Ships, 1973, has conferred upon the Inter-Governmental Maritime Consultative Organization and its Secretary-General, important functions to be performed under the Convention,

RECOGNIZING the need for effective co-ordination of activities carried out by different international organizations concerned with the prevention and control of marine pollution,

RECOMMENDS that the Organization, where necessary, consult with and seek assistance from other international organizations and expert bodies concerned within the United Nations system in order to achieve the objectives of the present Convention.

TRANSMISSION OF THE INTERNATIONAL *CONVENTION* FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973
TO THE UNITED NATIONS CONFERENCE ON THE LAW OF THE SEA

THE CONFERENCE,

BEARING IN MIND that a United Nations Conference on the Law of the Sea will be convened pursuant to Resolution 2750 C (XXV) of the General Assembly of the United Nations,

NOTING that, in accordance with the foregoing Resolution, international law concerning marine pollution forms a part of the Law of the Sea.

REQUESTS the Secretary-General of the Inter-Governmental Maritime Consultative Organization to forward the International Convention for the Prevention of Pollution from Ships, 1973, to the United Nations Conference on the Law of the Sea, so that this Convention can be taken into account in the broader context of that Conference.