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## World Maritime University : Report of the Board of Governors

Secretary General of the International Maritime Organization

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COUNCIL - 58th session  
Agenda item 9(c)

IMO

DUPLICATE

WORLD MARITIME UNIVERSITY  
REPORT OF THE BOARD OF GOVERNORS

Note by the Secretary-General

1 As provided in article 16(h) of the Charter of the World Maritime University for its Board of Governors to report annually through the Secretary-General to the Council on the work of the University, the report of the Board covering the year from April 1986 to March 1987 is submitted in the annex.

2 The Secretary-General wishes again to take this opportunity to express his profound gratitude to the distinguished Members of the Board of Governors for their continued wise guidance and valuable contribution to the successful functioning of the University. The dedication of the highly qualified and competent teaching and administrative staff and the enriching contribution of visiting professors as well as the excellence of the students have helped to sustain the steady progress at the University and to assure achievement of its objectives as an international centre of excellence for advanced maritime training. The Secretary-General wishes to reiterate his sincere thanks to the Government of Sweden, the Municipality of Malmö, the UNDP and the many Governments, agencies, organizations and individuals for their generous support, assistance and co-operation.

Action requested of the Council

3 The Council is invited to take note of the report of the Board of Governors of the World Maritime University and to comment as it may deem appropriate.

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ANNEX

REPORT OF THE BOARD OF GOVERNORS OF THE  
WORLD MARITIME UNIVERSITY TO THE COUNCIL

1 In this third report to the Council of the International Maritime Organization, the Board of Governors of the WMU is pleased again to be able to inform the Council of further steady growth and strengthening of WMU in the year April 1986 to March 1987. There is widespread and increasing recognition of the excellence of the University's work and its important role in providing a special opportunity and unique international setting for advanced maritime training for students from many countries throughout the world. The Members of the Board have much satisfaction in presenting the very favourable progress report on WMU which is given below.

Membership of the Board of Governors

2 The Board of Governors of the University, established by the Secretary-General in accordance with criteria and guidelines approved by the Council, at present consists of 56 members. Annex 1 gives a list of the Board of Governors.

Board of Governors' meeting - fourth session - June 1986

3 The fourth session of the Board of Governors of the World Maritime University was held in Malmö, Sweden on 25 and 26 June 1986. Thirty-eight Governors and representatives of heads of United Nations organizations attended the meeting.

4 A number of documents were prepared for the Board of Governors' meeting including a progress report on the operations of the University during its third year, reports on the University's accounts for the years 1983 to 1985, a revised budget for 1986, budget estimates for 1987 and a Five-Year Plan for the period 1987-1991.

5 Among its main decisions, the Board approved the revised budget for 1986 and the budget estimates for 1987, which will be submitted to the Council

separately as provided in the Charter. The 1983, 1984 and 1985 accounts of the University were submitted to, and approved by, the Board of Governors, taking into account reports of the external auditor whose representatives were present at the fourth session of the Board.

6 Total expenditure of the University in 1986 amounted to \$4,097,000 compared with an income of \$4,404,000. The revised budget for 1987 is being prepared for submission to the Board of Governors for its fifth session with the principal changes from the original budget for 1987 (approved by the Board in June 1986) having to take account of the increased dollar costs resulting from the appreciation of the Swedish krona against the US dollar.

7 The Board also considered and approved the Five-Year Plan 1987-1991, which had been requested by the Board at its previous session, and was recommended by the Review Mission organized by UNDP in October 1985 composed of representatives of the Governments of Sweden and Norway, IMO and the UNDP. The underlying academic approach of the Five-Year Plan is to continue with the present two-year courses in Maritime Education and Training, Maritime Safety Administration, General Maritime Administration and Technical Management of Shipping Companies. The academic strategy also calls for a continuation of the important place in the curriculum given to field training, further strengthening of the Intensive English Language Programme and continued involvement at the University of the many prominent maritime specialists who serve as Visiting Professors at the University with no fees. The Five-Year Plan provides for a student population at the University to level off at a maximum of about 200 and, following the appointment of two new maritime lecturers in 1987 and another in 1988, no further growth in academic and administrative personnel is envisaged. The Board of Governors requested that Five-Year Plans be prepared on a rolling basis in future and therefore the Five-Year Plan 1988-1992 will be presented to the fifth session of the Board.

8 As recommended in the Review Mission report of October 1985, the Board decided that there should be an external academic review of the University. It was the Board's decision for this review to be undertaken in 1988, after about five years of operating experience for the University.

Student enrolment in 1987

13 Following the enrolment in 1986 of the largest class so far to enter WMU, (a total of 85 students), there was further substantial growth in 1987 with a new enrolment of 102 students from 59 countries. A list, by country of origin and showing course distribution, of all students who have entered the University in the first five classes is given in annex 2.

14 At the second session of the Board of Governors held in Malmö, Sweden on 18 and 19 June 1984 it was decided that a limited number of students from developed countries (10% of the intake) would in future be allowed to join the University. Such students will pay the full economic cost, which is currently \$US 25,000 per annum. Pursuant to this decision, the class which entered in 1987 included, for the first time, students from three developed countries: two from Sweden, one from Canada and one from Spain. Other new countries to send students to WMU were Brazil, Democratic Yemen, Guinea-Bissau, Libyan Arab Jamahiriya, Turkey and Yugoslavia.

15 The intake in 1987 shows very good distribution from all regions of the world. From all the major regions of the developing world - Africa, the Arab States, Asia and the Pacific, and Latin America and the Caribbean - 19 or more students have enrolled in 1987. A total of eight students entered the University from European countries with UNDP Country Programmes.

16 A summary of the regional distribution of students for all five classes thus far is as follows:

Executive Council

9 The Executive Council of the World Maritime University met at its third session in Malmö on 24 June 1986 and for its fourth session in London on 7 November 1986. Its fifth session took place in London on 17 March 1987 at which it considered, in accordance with the Charter, the budget proposals for 1988 and other matters to be dealt with at the fifth session of the Board of Governors.

10 The Executive Council will meet again in Malmö just prior to the fifth session of the Board which is scheduled to be held on 23 and 24 June 1987. The members of the Executive Council remain as given in annex 2 to last year's report.

Graduation of students

11 The World Maritime University held its third graduation on 7 December 1986. On that occasion, 71 Master of Science degrees were awarded to students from 39 countries who satisfied the requirements for graduation on completion of their two-year courses of study.

12 With the third graduation in December 1986, a total of 199 students have received their Master of Science degrees on completion of two-year courses and 13 students were given Diplomas for completion of their one-year courses (which were no longer given after 1985). It has been particularly gratifying that, generally, the graduates of WMU have been assigned to important positions of responsibility in the maritime field, often with promotions, when returning to their home countries. Comments by high officials of many countries have clearly shown the high respect accorded to the University, and to the benefits gained by students from their training and education at WMU, on the part of Governments and maritime authorities in many developing countries. The participation of WMU graduates in international maritime affairs can be readily seen as a number of graduates have attended meetings of the Assembly, the Council and various Committees of IMO. The clear and substantial evidence of the benefits obtained from study at WMU, as well as the active involvement of the graduates themselves, has contributed significantly to a considerable increase in interest in sending students to WMU.

COURSE DISTRIBUTION OF STUDENT ENROLMENT AT  
WORLD MARITIME UNIVERSITY  
1983-1987

Number of students enrolled in:

<u>Course</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>TOTAL</u>
General Maritime Administration	22	27	31	38	39	158
(Public Admin.)	-	-	-	(25)	(24)	
(Ports & Shipping)	-	-	-	(13)	(15)	
Maritime Education & Training (Nautical)	9	4	4	11	12	40
Maritime Education & Training (Engineering)	10	1	3	3	7	24
Maritime Safety Administration (Nautical)	15	6	12	12	16	61
Maritime Safety Administration (Engineering)	6	12	7	8	14	47
Technical Management of Shipping Companies	10	12	14	13	14	63
*Technical Officers Engaged in Maritime Safety Administration	-	-	7	-	-	7
*Technical Staff of Shipping Companies	-	3	3	-	-	6
TOTALS	72	65	81	85	102	405

\* One-year courses no longer given at WMU

REGIONAL DISTRIBUTION OF STUDENT ENROLMENT AT  
WORLD MARITIME UNIVERSITY  
1983-1987

	<u>No. of countries 1983-1987</u>	<u>Number of students enrolled in</u>					<u>TOTAL STUDENTS</u>
		<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	
Africa	29	25	23	28	28	31	135
Arab States	15	11	6	18	17	19	71
Asia & Pacific	16	12	19	16	20	20	87
Latin America & the Caribbean	21	18	15	17	19	20	89
European countries with UNDP Country Programmes	5	6	2	2	1	8	19
Developed Countries	3	-	-	-	-	4	4
	—	—	—	—	—	—	—
TOTALS	89	72	65	81	85	102	405
	—	—	—	—	—	—	—

17 In 1987, there was an improved distribution among the two-year courses with greater numbers attending the technical courses, particularly Maritime Safety Administration and Maritime Education and Training. The courses on General Maritime Administration and Technical Management of Shipping Companies in 1987 remained at approximately the same numbers as in the previous year.

18 The course distribution of student enrolment at WMU for the five years 1983-1987 is as follows:



resident professors is anticipated in these two years and new appointments of maritime lecturers in 1987 and in 1988 will complete the University's plan for academic recruitment.

#### Financial support to WMU

23 The anticipated increases in financial support from the Governments of Sweden and Norway and the United Nations Development Programme as described in last year's report of the Governors to the Council beneficially affected the income of the University in 1986 and 1987 as envisaged. In addition to the anticipated income from the Governments of Sweden, Norway and Portugal and from the United Nations Development Programme, budgetary support in 1986 was also received from the Governments of Finland, France and Venezuela.

#### Fellowship support

24 There has been an encouraging increase in the number of donors offering fellowships for students to attend WMU. In addition to the continued financing by the Governments of the Federal Republic of Germany, Sweden (SIDA), Denmark, Norway (NORAD) and France, the Government of Canada (CIDA) in 1987 has joined Government contributors in the financing of WMU fellowships for students from developing countries. In 1987, the Commonwealth Secretariat continued its financing of five new students each year and, as in the previous year, the International Centre for Ocean Development in Canada provided fellowship support for two students entering in 1987. The International Transport Workers' Federation provided fellowship financing for the first time for three students enrolled in 1987. There has also been a notable increase in financing of fellowships by foundations. The Henri Kummerman Foundation and the Friends of the World Maritime University, USA again provided fellowship financing for new students in 1987 and new contributors were the Salèn Foundation of Sweden, the Royal Swedish Court, joint financing by two Malmö Shipping Foundations and the Swedish Agency for International Technical and Economic Co-operation, all of these contributors supporting one student each in 1987.

#### Capital Fund

25 It will be recalled that the total contribution to the Capital Fund of WMU amounted to \$US 288,857 as at 31 March 1986, as given in last year's

### Academic Programme

19 In the 1986 academic year, the University decided to separate the General Maritime Administration course into two parts, Public Administration and Shipping and Ports. This approach proved to be very successful, not only dividing the large course into smaller sections but also presenting a curriculum more suitable to the students' qualifications and experience, and accordingly this is being continued. Details of the two parts of the General Maritime Administration course are attached in annex 3. A new brochure describing all courses of study was issued in March 1987 and this incorporates certain other changes in the modules of the various courses based on experience of their operation to date.

20 There was a marked increase in the participation in the Intensive English Language Programme for students entering in 1987. For the 18-week course, which began in November 1986, 26 students participated as compared with 6 in the previous year. Early in January 1987 an additional 25 students joined the English language programme for the 10-week course, bringing to 51 the total who participated in the language programme in the class entering in 1987. For the extra weeks towards the end of 1986 and the first two-and-a-half months of 1987 the University engaged part-time teachers to supplement the permanent staff of three English language teachers. A similar provision will be made for the next class. During the remainder of the year, the permanent English language staff continues to provide help to students requiring assistance in English, including writing workshops and special help for students preparing their second-year theses if this help is required.

### Field Training

21 The programme for field trips and on-the-job training continues to be an important part of the University's curriculum. Increasing student numbers and a strengthened programme has required increased funding from year to year and this has been provided for in the budgets of the University.

### Faculty

22 During 1987 and 1988 the University will be having its first significant turnover of academic personnel. A change-over in the posts of several

to appeal to the UNDP to maintain its financial support of the World Maritime University at the 1987 level. This was further elaborated by the decision of the fifty-seventh session of the Council in November 1986 appealing to all IMO Members to convey to the United Nations Development Programme, through the relevant national authorities at the highest possible level, their support for IMO technical co-operation programmes and for the continuing support by UNDP to the World Maritime University, and to convey to the aid-giving authorities the need for enhanced attention to the maritime sector.

### Conclusion

29 In conclusion, the Governors wish to place on record their deep appreciation to the Assembly of the Organization, the Council of the Organization, and all other international bodies whose decisions have brought the University into being and have provided it with the necessary support. The University is an institution established by IMO, and the continuing support of the IMO governing bodies and all IMO Member States is vital for its effective and efficient functioning. The Board firmly believes that the confidence placed in the World Maritime University to carry out its important mandate for the international community is fully deserved, as seen in the very successful working of the University during its first four years, and it earnestly hopes that necessary future support for it will be readily forthcoming.

report to the Council. Since then, as at 30 April 1987, the total standing in the Capital Fund amounted to \$US 321,391 including \$US 50,010 of interest earnings.

#### Financial requirements of the University

26 The projections of income and expenditure as shown in the University's Five-Year Plan show annual deficits beginning in 1989 which will increase substantially year by year. The expenditure estimates are based upon zero growth of the University during these years with only an allowance for inflation of 5% per year, while the income estimates are drawn up on the basis of information now available and what may be reasonably anticipated. Therefore, there is a continuing and urgent need for the University to secure assured financing so that it can provide well into the future its service for the international community which was envisaged in the University's Charter. The University will have achieved its maximum student population and full complement of academic and administrative personnel in 1988, and maintaining the University at these levels of no growth will require substantial additional financing in future years. The Governors, therefore, urge the Member countries of the International Maritime Organization to consider all possible ways in which support may be given to WMU to ensure its future financial viability.

27 At the same time, Member countries are asked to give serious attention to the question of financing fellowships for students to attend WMU, whether through contributions of official donor organizations or other organizations to enable students to attend the University or by developing countries utilizing their UNDP Country Programmes, arranging assistance through bilateral programmes, or by providing financing through their own national organizations. It is very much hoped that the widening of the circle of donors of WMU fellowships will continue.

28 The Governors are grateful for the continuing deep concern on the part of the Council of the International Maritime Organization about the future financial security of the World Maritime University and its stress on the importance of placing the University on a secure financial footing. In this connection, the Governors wish to underline the decision taken by the fifty-sixth session of the IMO Council in June 1986 urging all Member States

COTE D'IVOIRE	M. Souleymane Sogodogo Directeur g�n�ral du Groupe des Ecoles de la Marine Marchande d'Abidjan
DENMARK	NOMINATION BEING SOUGHT
ECUADOR	Captain Pedro Cabezas Gonzalez Permanent Representative of Ecuador to IMO Embassy of Ecuador
EGYPT	H.E. Dr. Gamal El-Din A. Moukhtar Director-General Alexandria Maritime Transport Academy
FINLAND	Dr. Jan-Erik Jansson Director General Finnish National Board of Navigation
FRANCE	Professeur Pierre Bauchet Professeur � l'Universit� Vice-Pr�sident du Conseil Suprieur de la Marine Marchande
FEDERAL REPUBLIC OF GERMANY	Dr. Gerhard Breuer Ministerialdirigent a. D.
GERMAN DEMOCRATIC REPUBLIC	Professor Dr. E. Moeck Rector Maritime Academy
GHANA	Commodore S.G. Obimpeh Chairman of Mobilizing Committee of Manpower and Member of Board of Governors of Regional Maritime Academy, Accra
GREECE	Mr. G. Marcoyannis Technical Adviser of the Union of Greek Shipowners
HONG KONG	Mr. Frank Chao Chairman, Hong Kong Merchant Navy Training Board President, Wah Kwong and Co. (H.K.) Ltd.
INDIA	Mr. P.P.Nayyar Secretary Ministry of Surface Transport
ITALY	Ing. Lorenzo Spinelli Direttore Generale Registro Italiano Navale

WORLD MARITIME UNIVERSITY

MEMBERS OF THE BOARD OF GOVERNORS

<u>Name and address</u>	
	Chancellor: Mr. C.P. Srivastava International Maritime Organization
NORWAY	Vice-Chairman: Mr. I. Sandvik Director-General of Shipping and Navigation The Norwegian Maritime Directorate
ALGERIA	M. Aïssa Henni Directeur Institut Supérieur Maritime de Bou-Ismaïl
AUSTRALIA	Captain D.M. Waters Principal Australian Maritime College
BANGLADESH	Dr. Ekram Hossain Additional Secretary-in-Charge Ministry of Ports, Shipping and IWT
BRAZIL	Captain Herbert de Matos Seidel Counsellor for Maritime Affairs Embassy of Brazil
BULGARIA	Mr. Bojidar Kirilov Froloshky Director, Bulgarian Register of Shipping
CANADA	Mr. William A. O'Neil President The St. Lawrence Seaway Authority
CHILE	Mr. D. Guillermo S. Santa-Cruz
CHINA	Mr. Chen Zuwei President Dalian Marine College
COLOMBIA	Contralmirante G. Angel-Mejía Director General Marítimo y Portuario Edificio CAN Ministeria de Defensa

SPAIN	Capitan D. Josf Luis Garc a Gabald n Professor Escuela Superior de la Marine Civil
SWEDEN	Ambassador A. Forsse Ministry of Foreign Affairs
SWEDEN (City of Malmö)	Mr. Joakim Ollfn Chairman of the Local Government Board Kommun of Malmö
USSR	Mr. H.A. Davydov Rector Leningrad Higher Marine Engineering School
UNITED ARAB EMIRATES	H.E. Dr. Abdul Wahab Al Diwani Director-General Arab Maritime Transport Academy
UNITED KINGDOM	Mr. J.K. Rice-Oxley, CBE Chairman United Kingdom Merchant Navy Training Board
USA	Rear Admiral William Michael Benkert, USCG (Retd.)
VENEZUELA	(AWAITING NOMINATION)
YUGOSLAVIA	Dr. Predrag Stankovic Professor Faculty of Maritime and Transportation Studies
MINISTERIAL CONFERENCE OF WEST AND CENTRAL AFRICAN STATES ON MARITIME TRANSPORT	Mr. J.S. Walla Secrtaire gnftral de la Confrence Ministfriele des Etats de l'Afrique de l'Ouest et du Centre sur les Transports Maritimes
FEDERATION OF ASEAN SHIPOWNERS' ASSOCIATIONS	Vice Admiral Amnuay Iamsuro R.T.N. Chairman Federation of ASEAN Shipowners' Associations (FASA)
INTERNATIONAL CHAMBER OF SHIPPING	Mr. J.C.S. Horrocks Secretary-General International Chamber of Shipping
INTERNATIONAL TRANSPORT FEDERATION	Mr. Knud Mols Sorensen International Transport Federation Copenhagen Denmark

JAMAICA Mr. Erwin Angus, C.D.  
Executive Director  
Jamaica Merchant Marine Ltd., and  
Chairman  
Jamaica Marine Training Institute

JAPAN Professor Hatsuzo Tani  
President  
Mercantile Marine Institute of Japan

REPUBLIC OF KOREA Dr. Si-Kown Young  
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Korea Maritime University

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Ports Public Authority

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Ministry of Finance

MOZAMBIQUE Mr. Sezaluxo Emilio Gaveta  
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National Board for Maritime and River  
Transport  
Ministerio dos Portos e Transportes  
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Federal Ministry of Transport and  
Aviation

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Gulf Shipping Lines Limited

PHILIPPINES Commodore Roberto Q. Moreno, III  
President  
Philippine Merchant Marine Academy

POLAND Dr. Aleksander Walczak  
Counsellor (Maritime Affairs)  
Embassy of the Polish People's Republic

SAUDI ARABIA H.E. Eng. A. Y. Al Turki  
Deputy Minister of Communications  
for Transport Affairs  
Ministry of Communications



Annex 2

STUDENT ENROLMENT AT WORLD MARITIME UNIVERSITY

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Algeria	Bernard DJEBAILI	MET(E)				
	Lounes LAHYANI	MET(N)				
	Abdelkrim REZAL	MET(E)				
	Amghar ALI			GMA		
	Bencheikh DJAMAL			GMA		
	Djedidi AZZAM			MSA(N)		
	Ahmed Yahia LARBI			GMA		
	Mohammed BOUHI				GMA-1	
	Mohamed MOUFFOK				GMA-1	
	Omar BERNOU				MSA(N)	
Lies TAHRI				MET(E)		
Angola	Cândido Pedro Tom s da SILVA			GMA		
	Manuel Domingos FARIA			GMA		
Argentina	F. HATZENBUHLER		MET(N)			
	Alejandro Carlos ARROYO			GMA		
	Edgardo Jorge ILLIA				GMA-2	
	Julio E. HEUMANN BAUER				TMS	
	Gustavo Adolfo D'AMICO					GMA-2
Híctor Daniel FLEYTAS					GMA-2	
Bahrain	Yousif Zain AL-ABEDDIN	GMA				
Bangladesh	A. S. M. FATEHLOHANI	MET(N)				
	Mohammed A. M. ZIAUDDIN	MET(E)				
	A. F. Hedayetullah BHUIYAN		MSA(N)			
	A. K. M. RUHUL AMIN		MET(E)			
	M. BADIUZZAMAN		MSA(E)			
	Kazi Ali IMAM			MSA(N)		
	Abul Fattah MOHAMMADULLAH			MSA(E)		
Jashimuddin AHMED					TMS	
* - New countries						

GMA-1	- General Maritime Administration (Public Administration)	2-year course
GMA-2	- General Maritime Administration (Ports and Shipping)	2-year course
MET(N)	- Maritime Education & Training (Nautical)	2-year course
MET(E)	- Maritime Education & Training (Engineering)	2-year course
MSA(N)	- Maritime Safety Administration (Nautical)	2-year course
MSA(E)	- Maritime Safety Administration (Engineering)	2-year course
TMS	- Technical Management of Shipping Companies	2-year course
TOMSA	- Technical Officers Engaged in Maritime Safety Administration	1-year course
TESSC	- Technical Staff of Shipping Companies	1-year course

**UNDP**  
 Mr. T. Rothermel  
 Director  
 Division for Global and  
 Interregional Projects  
 United Nations Development Programme

**UNITAR**  
 Mr. M. Doo-Kingue  
 Executive Director  
 United Nations Institute for  
 Training and Research

**Commonwealth Secretariat**  
 His Excellency Mr. S.S. Ramphal, A.C.,  
 Kt., C.M.G., Q.C.  
 Commonwealth Secretary-General  
 Commonwealth Secretariat  
 London

Ex officio members

**ILO**  
 Director-General  
 International Labour Organization

**UNESCO**  
 Director-General  
 United Nations Educational, Scientific  
 and Cultural Organization

**UNCTAD**  
 Secretary-General  
 United Nations Conference on Trade  
 and Development

**UNDP**  
 Administrator  
 United Nations Development Programme

**Chairman  
 Maritime Safety Committee**  
 Mr. E. Jansen  
 Deputy Director-General of Shipping and  
 Navigation  
 Norwegian Maritime Directorate

**Chairman  
 Marine Environment  
 Protection Committee**  
 Dr. J. Cowley, CBE  
 Surveyor General  
 Marine Directorate  
 Department of Transport

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Cuba	Ofelia MENDOZA MEDINA	GMA				
	Humberto GONZALEZ GALLARDO			TMS		
	Julio César GONZ LEZ SELL S			MSA(E)		
	Marcos ARZA VIZCA NO			GMA		
Cyprus	Andreas C. LOIZIDES	MET(E)				
	Andreas A. CONSTANTINOU	MSA(N)				
	Pambos GEORGIADES	TMS				
	John KARITZIS	MSA(N)				
	Panicos PANAYI		TMS			
	Demosthenes KANAKAS		TESSC			
	Nicolaos Louki CHARALAMBOUS			MSA(E)		
	Nicolaos Artemi ECONOMIDES			MSA(N)		
	Marc Gerard CARAMONDANIS					TMS
Panayiotis PACOUTAS					MSA(N)	
*Democratic Yemen	Fares F. A. AL-SALLAMI					GMA-1
	Adel Abdulla AHMED FARAG					TMS
	Abdul Moti Hasson MOHAMED					MSA(N)
	M. Abdul Wasa MOHAMED					MSA(E)
Ecuador	Luis GONZALEZ FRAGA	TMS				
	Oswaldo JARRIN	TMS				
	Fernando CABRERA					MSA(N)
Egypt	Adel Hassan ABDELAZIZ	MET(E)				
	Salah Ahmed M. SALEH	MET(N)				
	Said Ahmed ARBED		MSA(E)			
	Adel Hakim MAKAR		TMS			
	M. Talal Ibrahim EL SHWARBY			MET(N)		
	Mohamed Mamdouh EL HAMALAWI				MET(N)	
	Said Abdel EL-MAGHRABI					MSA(N)
Ossamah YEHYA SHALABEY					MET(N)	
Equatorial Guinea	R. OBIANG ASANGONO		GMA			
Ethiopia	AMBACHEW Abraha	TMS				
	T. BEKELE					
	S. KEBEDE		MSA(N)			
	NEGA Negere		TESSC			
	ARAYA Lulseged			MSA(N)		
	Tilahun YIMER			GMA		
	Samson SHIFERAW			GMA		
	FANTAYE Taye			GMA		
	MELAKU Dagne					TMS
	YEMANE Tekle					MSA(N)
	GETACHEW Terfa					GMA-1
						GMA-2
	Fiji	Netani SUKANAIVALU			MET(E)	
Gabon	Joseph M. ETOUGHE OBAME	GMA				
	Alain Kaka GNAMBAULT	GMA				

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Bangladesh (cont'd)	Iftikhar AHMED Shahid Sarwar NIZAM Mohammad HELALUDDIN Fazlar Rahman CHOUDHURY Ghulam RABBANI					MET(E) MSA(N) MET(N) MSA(N) GMA-1
Barbados	R. T. EMTAGE Richard Orlando ALLEYNE		MSA(N)		GMA	
Benin	Wenceslas AFOUDA Mohamed YACOUBOU Nicolas ALI-YERIMA Salihou MIFOUTAOU	GMA		GMA		GMA-1 GMA-1
Bolivia	Mario R. AGUILAR ZAMORANO		GMA			
*Brazil	Alberto WAJNGARTEN					TMS
Burundi	Marc HABONIMANA Balthazar BASITA Louise BIRASA				GMA-1 TMS	GMA-1
Cameroon	Barnabas AKWO Hans Ntungwa EWANG Nzambu NSAHLAI Paul ATANGA Aaron Teneng AZAMAH	GMA GMA GMA				GMA-1 GMA-1
*Canada	Wayne NORMAN					MSA(N)
Chile	L. P. THORNTON McVEY Ruben PILLADO VILLA Guillermo ESTAY VARELA T. ZEREGA GUERRERO		GMA		MSA(N)	MSA(E) MSA(N)
China	CHEN Yishun LI Lianting WEI Ming SU Xiao-Hong YI Yufei	MET(N)		MET(N)	GMA	GMA-1 MSA(E)
Colombia	Jose D. BELTRAN MARTIN Julio C. ESPITIA AVILEZ Antonella GAVIRIA DE LAVALLE Julio A. GUT ERREZ ACOSTA	MSA(N) GMA GMA				GMA-2
Comoros	DAOUDOU Saïdi Sifmani				GMA	
Congo	François LOPENGO Sraphin MOUENDZI					TMS GMA-2
Costa Rica	J. A. GALLEGOS CASTRO Fernando ARAYA		GMA			GMA-2
Côte d'Ivoire	Joel AHIMON Yobouf KOUASSI	MET(E) MET(N)				

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Indonesia	Ali MAKMUR		TMS			
	Syukri MARZUKI		GMA			
	Darmantuah SARAGIH		GMA			
	Hamid HASAN			GMA		
	Moch. LUKMANSYAH			GMA		
	Batara Dharma MANULLANG				GMA-1	
	Ferrerius SUGIONO				GMA-2	
	Alfred BAWOLE					GMA-2
Jansen SINAGA					GMA-1	
Iran, (Islamic Republic of)	Majid KEYNEJAD	MSA(N)				
	Hossein MOHIT	MSA(N)				
	Seyed Mohammad ATHARI ANARAKI				MSA(N)	
	Behrooz Omaraei HAMEDANI				MET(N)	
	Parviz Bavarsad AHMADI				MET(N)	
Jamaica	Luci KITCHIN		GMA			
	Carol PICKERSGILL				GMA-1	
Jordan	Ibrahim Mohammad TAYYAN			GMA		
	Walid AHMAD			TOMSA		
	Mustafa Amin Hasan MASSAD					TMS
Kenya	Mohamed Kassim MWATUWANO	GMA				
	S. NZAVU		GMA			
	Jacob MAKAU			TMS		
	John Martin ODHACH			MSA(N)		
	Juvenal J.M. SHIUNDU			MSA(E)		
	Paul John MUINDI				GMA-1	
	Gregory M. KUDWOLI				GMA-2	
	Elly S. R. OLUOCH				GMA-2	
	Wanjiry TIPIS ANNAH				GMA-2	
	Frederick Ouma WAHUTU					MSA(N)
Adham M. BASTY					MET(N)	
Kuwait	Mohamed K. AL-MAZEEDI	GMA				
Lebanon	Hasaan Muhiedine CHABAN				TMS	
Liberia	L. KROMAH		GMA			
	S. R. BRUCE		MSA(E)			
	Jefferson C. MOORE				GMA-1	
	J. Nyepon BROPLEH				GMA-1	
	Richie G. GREENFIELD				GMA-2	
William G. SHARPE					GMA-2	
*Libyan Arab Jamahiriya	BELHAG Ali Moftah					MET(N)
	BUGAFIR Khalifa Mohamed					MET(E)
Madagascar	Bruno ANDRIAMPARANTSOA					
	RAZAFINDRAZAKA		TMS			
	A. RAJOELARINOSY			TESSC		
	Chrispin Noël LEKIRA			TMS		
	Zoe RAZAFINDRAFAHATRA					MSA(E)

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Gambia	Abou Baboucar JALLOW Nicholas Alfred BLELL			TMS		MSA(E)
Ghana	Ambrose K. N. BEECHAM Nestor Percy GALLEY Benjamin OWUSU-MENSAH Magnus Teye ADDICO Victor Nii ATTUQUAYFIO Andrew Kwayisi AMOAKO Joseph Mar MANTE D.W.S. GBESEMETE	GMA GMA	GMA GMA		MSA(N) MSA(N)	MET(E) MSA(N)
Greece	Constantinos ANDRITSOPOULOS Christoforos PAPTATHEOFILOU Andreas KAVAFIS	MSA(E)				MET(N) MET(N)
Guatemala	Maria I. FERNANDEZ COLINDRES Cesar Augusto QUIROZ SAMAYOA Juan Eduardo GARRIDO VALDEZ			GMA	GMA-1	GMA-2
Guinea	Ibrahim Dianka CONDE Nounke KEITA I. SOMPARE Hassane BARRY Mamadou Lamine CISSOKO Mamadou Saidou DIALLO Oumar SACKO	GMA TMS	GMA	TMS MSA(E)	MSA(N)	GMA-1
*Guinea Bissau	Carlos M. de Brito f SILVA SPENCER					GMA-2
Guyana	Henley SMART				GMA-1	
Haiti	Marie OSCAR Pierre CONSTANT Georges DANIEL		GMA GMA			MSA(N)
Honduras	Jorge COLINDRES Claudio CASTILLO TORRES		MSA(E)			GMA-1
India	Sudhir KUMAR T. D. HAZARI Ravindra S. PANWAR Shri Shanti NARAYAN Byram Shiavax PASTAKIA Arun Kumar DHIR N. MUKHOPADHYAY B. K. BISWAS T. B. KARANDE R. PRASAD B. GANGULI	MSA(N)		MET(N) MSA(E) MSA(E) TMS	TMS MET(E) MSA(E)	TMS MET(E) MSA(E)

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Nigeria	Herbert O. ANARAH	MET(N)				
	Philip Chukwumma NWOKO	MSA(N)				
	Moses Ayi OTOBO	MSA(E)				
	Olukayode AKINSOJI		MSA(E)			
	Nsa Nsa ARCHIBONG		MSA(N)			
	Sulaiman Abdullahi BALARABE			TMS		
	Talbot Dennisingha FEBOKE			TMS		
	Christopher Nsopulu NEZIANYA			MET(N)		
	Woodrow Ayodele O'DWYER			TMS		
	Oyelami Ganiyu MORAKINYO			TMS		
	Nosa Kizito EDOKPAYI				GMA-2	
	Pius USORO					MSA(E)
	Chukwuemeka G. UMEJURU					MET(N)
	Ezekiel OLUWADARE					MSA(E)
Pakistan	Bashir Ahmad VISTRO		TMS			
	Habib Akhtar DAR			MSA(E)		
	Syed Sayeed Akhtar ZAIDI			MET(E)		
	Afzal MAQSOOD					MET(N)
	Khalif SHAFaat					GMA-2
	Ashraf AZWAR					TMS
	Qurban HUSSAIN					MSA(E)
	Mahmood ALI YOUSUF					MET(N)
Panama	Eduardo ARAUZ MORANTES	MET(N)				
	Nazareno MONTALVAN CLEGHORN	MSA(E)				
	Ivette NG DE TEJADA		GMA			
	Sabina GONZALEZ SOLIS					GMA-1
	Sebastian QUIROS					GMA-1
	Olga BOZQUEZ POVEDA					GMA-2
	Jose Virgilio DELGADO					MET(N)
Rodrigo BAXTER					MET(E)	
Papua New Guinea	Tony AMAO		GMA			
	Chris RUPEN					GMA-1
Peru	Gonzalo JAUREGUI BARRENECHEA	MSA(N)				
	Ramiro GUERRA SALINAS		GMA			
	Jaime QUINTANA MARSANO		MSA(E)			
	Luis Andrés MELLA MONTOYA					MSA(N)
	Jorge FILINICH					MSA(E)
	Rolando CHIAPPO BONICELLI					GMA-1
Philippines	George M. PIMENTEL	MET(N)				
	Julio L. RODRIGUES	MET(E)				
	Abelardo D. VIRAY			GMA		
	Lamberto V. PIA					GMA-1
	Felipe MOSTER					GMA-1
Mabini C. HERNANDO					MET(N)	
Portugal	Serafim Silveira PINHEIRO	GMA				
	Joao Prates BEBIANO					GMA-1
Qatar	Abdul-Rahman M. AL-MAHMOUD			TOMSA		
	Abdul-Rahman M. AL-MAHMOUD					GMA-2

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Malawi	A. B. MSOWOYA Pascal CHIKAONDA		MSA(E)			TMS
Malaysia	Ramadas KARUPPIAH Zakaria YUSOF CHAN Shun Fat Mohd S. Bin SHAIK OSMAN		GMA		GMA-1 GMA-2	GMA-1
Maldives	Mohamed THOWFEEQU			TOMSA		
Mauritania	SALL Aly Samba BA Idrissa CISSOKHO Aldiouma AMADOU Samba		GMA	GMA	GMA-2	MSA(E)
Mauritius	Wong CHUNG TOI, Wong That Chow Radhakrishna VASSOODAVEN Pravinchand SEEBALUCK			MSA(N) MSA(E)		TMS
Mexico	Santiago G. GARCIA GONZALEZ Angel SAUCEDO ESCOBAR A. FIERRO CARBAJAL Angel Emilio ZAVALA MADERO Gilberto RUBIO IBIRA Genaro NARV EZ HERN NDEZ Luis I. MURIEL DEL CASTILLO Wilfrido CHIPULI PALMA Jesus Alberto VAZQUEZ MORA Luis Antonio AQUINO CHAVEZ Enrique AMADO REYNAUD Jose MONDRAGON MEDINA Carlos Jose FARRERA LEON Victor Manuel GARCIA ENRIQUEZ	MSA(N) MET(N) MET(N)		MSA(E) GMA MET(N)		MET(N) MET(N) TMS MET(N)
Morocco	Abderrafiaa BENNIS Habib-Allah EL-HASSAN	MET(E) MET(E)				TMS MET(E) MSA(N) MSA(N)
Mozambique	Anastasio FRANCISCO Joao Jaime SITOE Eugenio Luis Franco MACAMO Joaquim KANAMBANGA Aurelio S. MANGUE Julião Viriato MAUELE	MSA(E) MSA(E)		TMS	TOMSA TESSC	GMA-1
Nicaragua	Camilo J. LARGAESPADA Absal n Mart nez NAVAS Oscar MORALES SILVA Jorge MORALES ESPINOZA			TESSC TMS	GMA-1	GMA-1



<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
*Spain	Rafael Pastor BEDOYA					GMA-1
Sri Lanka	A. J. S. PERERA Sarath Ubeypala LEWIS R. Dissanayake MUDDIYANSELAGE E.S.M. SENANAYAKE W. J. A. M. PERERA		TMS TMS	GMA	MET(N)	MET(E)
Sudan	Hamad Elnil HAMMAD Ahmed Hassan GUREIN Abubakr SIDAHMED ALI Hassan MAHGOUB Hussein Ali HAMAD Hassan ELAMIN Sid Ahmed Abdel GHANI Abd el Azim Hassab EL RASOUL			MSA(N)	GMA MSA(N) MSA(E) TMS	TMS MET(N) MSA(E)
*Sweden	Lennart ANDERSSON Claes HASSELBLAD					TMS MSA(N)
Tanzania, United Rep. of	Che-Chiwalo NDALAMA A. S. MASSAWE Z. G. MORI Gilbert MOKIWA J. Shanta NATIONATA Justus R. B. BLAZI	GMA	GMA TMS		MET(N)	MSA(E) GMA-1
Thailand	Pakit SANGKAPRIJA Veera PURIPANYAWONG Aree PICHITGLAR-IAM Benja PUKKAMAAN Jatuporn SUWANPARGPRAEK Jitsupaksinee SUKSUEBNUCH	MSA(N)	GMA	GMA GMA		GMA-1 GMA-1
Togo	Pilakiwi ABOUZI Kossi ALETA Makaradiya N. OURA-SAMA Kolan Koboe ANIFRANI			GMA GMA	GMA-2 TMS	
Trinidad & Tobago	Curtis Anthony ROACH George ALEXIS Adrian Joseph BEHARRY Michelle G. SQUIRES Yolande GOODING Carlisle JORDAN Selwyn BROOKS Rawle BADALLOO Dwynette D. EVERSLEY	MSA(N)		TOMSA GMA GMA GMA	MET(N)	MET(N) MSA(N) GMA-1

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Republic of Korea	KIM Chul	TMS				
	SUL Soon-Myung	MSA(E)				
	LEE Eun		GMA			
	Yeong Woo, JEON		MSA(E)			
	Yeong Sup LEE		TOMSA			
	KIM Cheon-Kyu			GMA		
	HA Weon Jae				MSA(N)	
	MIN Kyung-Rae				MSA(N)	
Samoa	Sammy STEWART			TOMSA		
	Sammy STEWART					GMA-2
Saudi Arabia	Samir S. Gamal HARIRI		MSA(N)			
	Khalil KHAYYAT		MSA(E)			
	Hussein Hamza M. AL-MAJED			MSA(N)		
	Khalid M. A. Abbas BIN SIDDEQ			MSA(N)		
	Mohammed Sabir M.I. YOUNES			GMA		
	Hussain SALEM GHANDOURAH				MSA(E)	
	Mohammad TARIQ-O-IRAQI				MSA(E)	
	Hamzah Rashid ALAMRI					GMA-1
Abdulaziz Ibrahim ALSAAB					GMA-1	
Awwad Eid AL-ARADI					GMA-1	
Senegal	Malamine THIAM	MSA(N)				
	El Hadji TOBE		GMA			
	Pierre SARR		TMS			
	Coumba LY SECK				GMA-1	
	Yfirm THIOUB				TMS	
	Gomis DIEDHIOU				MET(N)	
	Babacar DIOP					MSA(E)
Seychelles	Yvon LOUIS-MARIE				MET(E)	
	Idney BASSET					MSA(E)
Sierra Leone	Francis BOCKARI	GMA				
	Patrick KEMOKAI	MSA(N)				
	D. C. GILPIN		MSA(N)			
	F. C. BOB-JONES		TMS			
	Hubert A. BLOOMER					MET(N)
Somalia	Ahmed Hagi GAAL	TMS				
	Ali H. MUNYE BISHARA		GMA			
	A. S. MOHAMED		GMA			
	Mohamed Said ABDI			GMA		
	Abdullahi Sheikh HUSSEIN ALI			GMA		
	Mohamoud Mohamed KARSHE			TMS		
	Ali Mohamed SHEIKH AHMED				GMA-1	
	Saeed Hassan RAGEH				GMA-1	
	Ahmed Shire KOSHIN				MSA(N)	
	Mohamoud BOSS AHMED				MSA(E)	
	Fatuma Mohamed JILAOW					GMA-1
Ali Abdulle SABRIE					GMA-1	
Mohamed Sheikh Abdi AHMED					GMA-2	
Ahmed Abdi MOHAMOUD					MSA(N)	

Annex 3

Course in General Maritime Administration  
(Public Administration)

Module titles:

- 1 United Nations system
- 2 IMO : the Organization and its work
- 3 Other international organizations of relevance
- 4 Maritime conventions and codes

Maritime operations and related matters

- 5 Marine affairs, Utilization of the sea
- 6 General ship and port knowledge
- 7 Introduction to maritime trade and transport economics
- 8 Economics of ship operations
- 9 Commercial basis of shipping
- 10 Port operations and economics
- 11 Fishing industry
- 12 Shipping policy

Maritime Law and insurance

- 13 Principles of international maritime law
- 14 Law of the Sea
- 15 International law on the carriage of goods by sea
- 16 Maritime commercial law
- 17 International trade and transport law
- 18 Principles and practice of marine insurance
- 19 Maritime labour law

Management

- 20 Principles of management
- 21 Decision making and planning process
- 22 Management control process
- 23 Management of people at work
- 24 Sale and purchase of ships
- 25 Management of financial resources

Maritime safety and environmental protection

- 26 Introduction to safety of ships, cargoes and life at sea
- 27 Protection of the marine environment
- 28 Legal aspects of marine casualty investigation
- 29 Introduction to Search and Rescue

Supporting subjects and methodology

- 30 Operation and application of digital computers
- 31 Maritime research, thesis work

<u>COUNTRY</u>	<u>NAME</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>
Tunisia	Samir MILADI Ridha BOUGATFA Jemmal Mohamed LOFTI	MSA(N)		TMS MET(E)		
*Turkey	Hasan OKTAY Cahit PAKSOY Miss Günay KILIC					GMA-2 TMS GMA-1
Uruguay	Ricardo CUSTODIO LOPEZ				MSA(N)	
Vanuatu	Leith NASAK MISIMAKE	GMA				
Venezuela	Edgard N. JIMENEZ EGUI Marcos LUCCHESI CELIS Pastor M. NARANJO LA GRAVE Carlos Roberto WATKINS Omar Antonio VARELA Freddy GARCIA RODRIGUEZ Efrín FRIAS CARRASQUERO Jesus DURAN SANOJA L. Edgardo DIAZ MONCLUS	GMA GMA TMS MSA(N) TMS			MSA(E) MET(N)	MSA(E) MSA(N)
Yemen Arab Republic	Mohamed Ahmed Abdo SALEM Abdullah AL-HAKIMI			MSA(N)		GMA-1
*Yugoslavia	Andrija LOMPAR					TMS
Zaire	M. LUTUMBA-KOMBA VUSHI Samba Mabonko NKURU Ruhanga Gong'o IZUA Mulema Taabal KAPINGA Lukinu KANDA Karil BEYA WA BEYA Sankay	GMA TMS		TMS	TMS TMS	TMS GMA-2
Zambia	Jolly M. SIMFUKWE Jolly M. SIMFUKWE			TOMSA		GMA-2

**Course in General Maritime Administration  
(Shipping and Ports)**

**Module titles:**

- 1 United Nations system
- 2 IMO : the Organization and its work
- 3 Other international organizations of relevance
- 4 Maritime conventions and codes
- 5 Maritime Administration, Maritime Safety Administration
- 6 Maritime casualty investigation

**Maritime operations and related matters**

- 7 Marine affairs, utilization of the sea
- 8 Introduction to maritime trade and transport economics
- 9 Economics of ship operations
- 10 Commercial basis of shipping
- 11 Ship operations
- 12 Port operations
- 13 Economics of port operations
- 14 Shipping policy
- 15 Port policy

**Technical subjects**

- 16 Planning, design and construction of ships
- 17 Propulsion of ships and fuel economy
- 18 Introduction to ship maintenance and repair
- 19 Cargo handling equipment
- 20 Port maintenance

**Management**

- 21 Principles of management
- 22 Decision making and planning process
- 23 Management control process
- 24 Management of people at work
- 25 Sale and purchase of ships
- 26 Purchasing function
- 27 Management of financial resources

**Maritime law and insurance**

- 28 Principles of international maritime law
- 29 Law of the Sea
- 30 International law on the carriage of goods by sea
- 31 Maritime commercial law
- 32 International trade and transport law
- 33 Marine insurance principles and practice

**Supporting subjects and methodology**

- 34 Operation and application of digital computers
- 35 Maritime research, thesis work

