

# IFIP

Minutes of the Council and General Assembly Meetings

21 – 25 September 1979

London, U.K.

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COUNCIL AND GENERAL ASSEMBLY MEETINGS

London, U.K. - 21 / 24 September 1979

I N D E X

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## COUNCIL AND GENERAL ASSEMBLY MEETINGS

London, U.K. - 21 / 24 September 1979

### HIGHLIGHTS

#### ELECTIONS

P.A. Bobillier	(Switzerland)	was re-elected President for a three-year term
J. Tuori	(Finland)	was elected Vice-President for a three-year term
K. Hernaes	Sweden	was elected Treasurer for a two-year term
G.J. Morris	(U.K.)	was re-elected Trustee for a three-year term
R.C. de Oliveira	(Brazil)	was re-elected Trustee for a three-year term
P.Renard	(France)	was elected Trustee for a three-year term

#### IFIP COUNCIL COMPOSITION:

P.A. Bobillier	(Switzerland)	President	1977/1983
A.A. Dorodnicyn	(U.S.S.R.)	Vice-President	1977/1980
K. Ando	(Japan)	Vice-President	1978/1981
J. Tuori	(Finland)	Vice-President	1979/1982
K. Hernaes	Sweden	Treasurer	1979/1981
O. Zich	(Austria)	Secretary	1978/1981
R. Narasimhan	(India)	Trustee	1977/1980
R. Piloty	(F.R.G.)	Trustee	1977/1980
J.M.Bennett	(Australia)	Trustee	1978/1980
G.N. Boyd	(Canada)	Trustee	1978-1981
L. Iliev	(Bulgaria)	Trustee	1978-1981
G.J. Morris	(U.K.)	Trustee	1979/1982
R.C. de Oliveira	(Brazil)	Trustee	1979/1982
P.Renard	(France)	Trustee	1979-1982

#### ORGANIZATION OF RESPONSIBILITIES:

A.A. Dorodnicyn	Cognizant for TC 7
K. Ando	Cognizant for TC 10
J. Tuori	Cognizant for IAG
J.M.Bennett	Cognizant for TC 2 and TC 6
G.N. Boyd	Cognizant for TC 5 and TC 9
L. Iliev	Cognizant for TC 8
G.J. Morris	Cognizant for TC 3
P.Renard	Cognizant for IMIA

#### AWARD

Dr. R.I. Tanaka was elected as an Honorary Member

#### ADMISSIONS

People's Republic of China - Chinese Institute of Electronics (CIE) was admitted as a Full Member  
- effective 1 January 1980

- Morocco - Association Marocaine pour le Developpement de l'Electronique, de l'Informatique et de l'Automatique (AMADEIA) was admitted as a Full Member  
- effective 1 January 1980

### WORKING GROUPS

The following Working Groups were formally approved –

- WG 6.4 (Local Computer Networks)
- WG 6.5 (International Computer Message Systems)

The title of WG 10.2 has been changed to (Digital Systems Descriptions and Design Tools)

### CHAIRMAN APPOINTMENTS

#### ◦ Technical Committees

TC 6 - Mr. A Danthine

#### ◦ Working Groups

- WG 2.4 - Dr. B.A. Wichmann
- WG 2.5 - Dr. B. Einarsson
- WG 5.2 - Prof. R. A. Guedj (Vice-Chairman)
- WG 5.4 - Mr. N. Malagardis
- WG 5.6 - Prof. C. Kui
- WG 6.1 - Mr. A. McKenzie
- WG 6.4 - Dr. R.P. Uhlig
- WG 6.5 - Dr. G. Hopkins
- WG 10.1 - Prof. G.A. Blaauw
- WG 10.2 - Dr. M.R. Barbacci
- WG 10.3 - Dr. E.D. Jensen

### COMMITTEES

- |   |                          |
|---|--------------------------|
| ◦ Activity Planning Committee:                        | Mr. G.D. van der Veer    |
| ◦ Admissions Committee:                               | Mr. A. Melbye            |
| ◦ Congress Guidelines Committee:                      | Mr. F. Genuys            |
| ◦ Finance Committee:                                  | Mr. J. Tuori             |
| ◦ Future Policy Committee:                            | Prof. R. Narasimhan      |
| ◦ IFIP Committee for International Liaison:           | Dr. R.I. Tanaka          |
| ◦ IFIP Committee: Informatics for Development (ICID): | Dr. R.I. Tanaka (Acting) |
| ◦ Publications Committee:                             | Prof. H. Zemanek         |
| ◦ Public Information Committee:                       | Prof. N.J. Lehmann       |
| ◦ Regional Conference Policy Committee:               | Prof. J.M. Bennett       |
| ◦ Site Selection Committee Congress 86:               | Mr. K. Ando              |
| ◦ Statutes and Bylaws Committee:                      | Prof. N.J. Lehmann       |
| ◦ Nominations Committee for Officers:                 | Mr. K. Ando              |
| ◦ Nominations Committee for Trustees:                 | Mr. P. Renard            |
| ◦ Committee to revise the "IFIP Guide...."            | Mr. I.H. Gould           |
| ◦ Internal Awards Committee:                          | Mr. O. Zich              |

### EVENTS APPROVED

Kindly refer to GA Agenda item 11 – Technical Committees

### FUTURE COUNCIL AND GENERAL ASSEMBLY MEETINGS

- 1980 Sofia Council: probably 12 – 14 March
- 1980 Tokyo Council: 4 - 5 October  
Melbourne General Assembly: 11 – 13 October

# COUNCIL MINUTES

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## COUNCIL MEETING

London, U.K. - 21 September 1979

ATTENDANCECOUNCIL Members Present

P.A. Bobillier	President
P. Renard	Vice-President
A. A. Dorodnicyn	Vice-President
K. Ando	Vice-President
J. Tuori	Treasurer
O. Zich	Secretary
N.J. Lehmann	Trustee
G.J. Morris	Trustee
R. Narasimhan	Trustee
R. Piloty	Trustee
R.C. de Oliveira	Trustee
J.M. Bennett	Trustee
G.N. Boyd	Trustee
L. Iliev	Trustee

Chairmen Present

G.D. van der Veer	Activity Planning Committee
R.I. Tanaka	IFIP Committee for International Liaison
	IFIP Committee: Informatics for Development
D. Chevion	Task Group "Governmental and Municipal DP"

Observers Present

A.A. Verrijn Stuart	TC 8 Chairman
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In Attendance

D. Dobrev	Assistant to L. Iliev
Gwyneth Roberts	IFIP Secretariat, Geneva

1. CALL MEETING TO ORDER

The President opened the Council Meeting and welcomed all participants.

2. APPROVAL OF AGENDA

Mr. Zich pointed out that a Council Meeting preceding a General Assembly Meeting was of a round-table nature. Consequently, it had been decided to simplify the Agenda and thus avoid duplicating discussions which would be held later in the General Assembly Meeting.

Council unanimously APPROVED the simplified Agenda.

3. APPROVAL OF PREVIOUS MINUTES (C1-BRATISLAVA-79)

Council unanimously APPROVED the Bratislava Minutes.

Mr. Renard referred to Agenda item 4.3 of the Bratislava Minutes concerning the funds allocated by the 1978 Oslo General Assembly to the TC 4 / IMIA WC on "Optimization of Computer ECG Processing" (Halifax, Canada, June 1979). It was stated that the amount of SFr. 5,500 was being considered as a loan and not a grant. Mr. Renard moved that this decision be modified to meet the original understanding of TC 4 / IMIA – i.e. to consider the SFr. 5,500 as a grant.

Council ADOPTED the motion, with one objection and three abstentions.

N.B. These Council Minutes only record, under the relevant Agenda item, the decisions taken; the General Assembly Minutes are detailed.

4. EXECUTIVE BODY REPORT

In considering how to deal with requests from General Assembly Members to be accompanied by delegates from their respective countries to General Assembly Meetings, it was proposed that the following philosophy be adopted:

"Attendance of additional Full Member representatives requires the permission of the President, only the General Assembly Host country may have more than one. Deadline date for participation requests = one month prior to the General Assembly Meeting. The total number of attendants could be restricted, for instance, on account of facility reasons. Only one document file will be distributed per Member country.

Council unanimously ADOPTED this philosophy.

Mr. Zich recommended the discontinuation of the project to compile a speakers list (refer Oslo GA Minutes, Agenda item 11.10)

Council AGREED, but suggested that in the case of a specific demand, TC and SIG Chairmen or Member Societies should be contacted direct.

Mr. Zich gave a briefing on the costs and warranted issues of the IFIP Summary and the IFIP Information Bulletin (refer Oslo GA Minutes, Agenda item 8.6).

It was moved to:

- create a two-page descriptive folder on IFIP for general distribution and Congress participants;
- continue with a yearly issue of the IFIP Information Bulletin;
- produce a Summary every three years – prior to Congress

Council unanimously ADOPTED the motion.



Action

Mr. Tanaka offered to provide the first draft of the folder.

It was moved that the 1980 Summary be produced in similar style to the 1977 Summary, but with the following modifications:

- Preface to be written by President-Elect
- Introduction and Genesis to be combined
- no mention of Working Group membership
- no mention of SIG national members
- include one or two lines defining roles of Standing committees, indicate respective Chairmen, but not their addresses
- no mention of National Correspondents
- mention of other documents available in IFIP (Bulleting, descriptive folder, Statutes and Bylaws, Standing Orders)

Council unanimously ADOPTED the motion.

Action

It was moved that PC or other appropriate IFIP body be asked to negotiate with North-Holland to cover part of the costs of production of IFIP documents (Summary, Bulletin) which list their publications.

Council ADOPTED the motion, with two abstentions.

Action

It was agreed that prior to going to press with Bulletins and Summaries, the Secretariat would check with the General Assembly Members as to their needs.

5. TECHNICAL COMMITTEES AND SIG's

No decisions were taken in Council.

6. COMMITTEE REPORTS

6.1 Activity Planning Committee: Task Group "Governmental and Municipal Data Processing"

Mr. Narasimhan proposed that, following on the work done by this Task Group and the report of its Chairman and recognizing the need as identified by the Task Group for IFIP to get involved effectively in this area of Information Processing, Council recommend to the General Assembly the setting up of an Ad Hoc Committee with the under mentioned specific terms of reference:

- i) to organize an intensive international Workshop with invited participation to be held in 1980 or 1981 when
  - the live problems of this area will be discussed in terms of technical sessions and
  - a strategy and an organization set up for possible future IFIP involvement will be formulated;
- ii) this Ad Hoc Committee will work in cooperation with IAG and other IFIP groups;
- iii) an adequate budget for the work of the Ad Hoc Committee will be included in the IFIP 1980 Budget.

Council ACCEPTED the proposition, with five abstentions.

## 6.2 Admissions Committee

In view of the lack of a procedural matter in respect of the Very Large Data Base Organization's admission as an Affiliate Member, Mr. Narasimhan said AC would propose to the General Assembly the deferment of its recommendation.

Council unanimously ACCEPTED the proposition.

## 6.3 IFIP Committee for International Liaison (ICIL)

Mr. Tanaka proposed the following method for handling requests from outside organizations:

- a. (For the President and the Secretariat) Route announcement or request to appropriate IFIP person if liaison has been previously defined (e.g. ISO to TC 2 or TC 6, depending upon topic).
- b. Otherwise, route to President and to ICIL Chairman (or his designate).
- c. Where action seems required, but a specific individual cannot yet be named, the President and / or the ICIL Chairman will ask the Secretariat to send copies to a specific distribution list.
- d. The distribution list, to be defined, will generally include ICIL members.
- e. Those on the list must respond immediately, either with an indication of:
  - no action, or
  - a specific and relevant response (generally the name of someone available and qualified to act on behalf of IFIP).

Council AGREED to the proposition, with one abstention, and requested that Council Members be included in the distribution list.

The President asked the views of Council in respect of considering the admittance to FIACC of the World Organization of General Systems and Cybernetics.

Council DISFAVOURED the admittance, with one abstention.

## AGENDA ITEMS 7 - 12

No decisions were taken in Council.

## 13. FUTURE COUNCIL MEETINGS

The President recalled that during the Bratislava Council Meeting Mr. Iliev had offered a firm invitation to host the 1<sup>st</sup> Quarter 1980 Council Meeting in Sofia. The President added that Council had been pleased to accept this invitation and a suitable schedule would be discussed with Mr. Iliev during the course of the next few days.

## 14. CLOSING OF MEETING

The President thanked the Council Members for their contributions and declared the Meeting closed.

# GENERAL ASSEMBLY MINUTES

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12. IAPR
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GENERAL ASSEMBLY MEETING

London, U.K. - 22 - 24 September 1979

ATTENDANCEOfficers Present

P.A. Bobillier	President	Switzerland
P. Renard	Vice-President	France
A. A. Dorodnicyn	Vice-President	U.S.S.R
K. Ando	Vice-President	Japan
J. Tuori	Treasurer	Finland
O. Zich	Secretary	Austria

Members Present

J.R. Basso Dastugue		Argentina
J.M. Bennett		Australia
J.E.D. Navez		Belgium
R.C. de Oliveira		Brazil
L. Iliev		Bulgaria
G.N. Boyd		Canada
A. Melbye		Denmark
A.E. Sarhan		Egypt
R. Piloty		Federal Republic of Germany
N.J. Lehmann		German Democratic Republic
I. Kadar		Hungary
R. Narasimhan		India
M.A.L. Mahmoud *		Iraq
A.M.G. Marchand		Ireland
M. Rabin		Israel
G. Sacerdoti		Italy
K.T. Park		Korea, Rep. of
A. van der Sluis		Netherlands
A. Solvberg		Norway
L. Lukaszewicz		Poland
G. van der Veer		South Africa
M.A.Eced S.		Spain
K. Hernaes		Sweden
F. Gribaa		Tunisia
G.J. Morris		United Kingdom
A. Hoagland **		U.S.A.
H. Freeman		
T. Aleksic		Yugoslavia
I.L. Auerbach	Honorary Member	
D. Chevion	Individual Member	
E.H. Sibley	Associate Member	IAG
D.B. Shires ***	Associate Member	IMIA
H. Freeman	Affiliate Member	IAPR
M.E. Muller	Affiliate Member	IASC

(\* present with proxy of H. Aboud)

(\*\* present with proxy of H. Freeman on 22 and 23 September 1979)

(\*\*\* present with proxy of J. Roukens)

Members Represented by Proxy

L. Gvozdjak	Czechoslovakia
T.A. Scoular	New Zealand

Proxy Held By

A. A. Dorodnicyn
J.M. Bennett

Members Absent

Y. Mentalecheta  
J. Martinez Martinez  
H. Zemanek

Honorary Member

Algeria  
Cuba

Technical Committee Chairmen Present

M. Paul  
J. Hebenstreit  
J. Vlietstra  
L. Pouzin  
J. Stoer  
A.A. Verrijn Stuart  
R. Piloty

Chairman TC 2  
Chairman TC 3  
Chairman TC 5  
Chairman TC 6  
Chairman TC 7  
Chairman TC 8  
Chairman TC 10

Technical Committee Chairmen Absent

C.C. Gotlieb

Chairman TC 9

Working Group Chairmen Present

N. Malagardis

Chairman-Elect WG 5.4

Committee Chairmen Officers Present

G.A. Fisher  
S.A. Overgaard  
A.W. Goldsworthy  
M. Ozeki  
T. Takeshita  
F.H. Sumner  
A.C. Hutt  
M. Oshima  
S. Kaihara  
P. Immer  
B. Levrat  
F. Genuys  
R.I. Tanaka

EURO-IFIP 79 Organizing Committee  
EURO-IFIP 79 Programme Committee  
Congress 80 Organizing Committee - Australia  
Congress 80 Organizing Committee - Japan  
Congress 80 Organizing Committee - Japan  
Congress 80 Programme Committee  
Congress 80 U.S. Committee  
Medinfo 80 Organizing Committee  
Medinfo 80 / IMIA Trustee  
WCCE 81 Organizing Committee  
WCCE 81 Programme Committee  
Congress Guidelines Committee  
IFIP Committee for International Liaison  
IFIP Committee: Informatics for Development  
IFIP Committee: Informatics for Development  
Publications Committee  
Task Group on "Computer Applications in  
Humanities and Social Sciences"

R. Kalman  
D. Kroneberg  
J. Raben

Observers Present

H. Le Roux  
Guo Ping-Xin  
Shu Cheng Kuang  
R. Benmokhtar

President, The Computer Society of South Africa  
Chinese Institute of Electronics  
Chinese Institute of Electronics  
Association Marocaine pour le Developpement  
de l'Electronique, de l'Informatique et de l'Automatique  
IMIA Treasurer  
IBI representative  
UNESCO representative  
WHO representative  
Publications Committee - Member  
Activity Planning Committee - Member

A. Fernandez P. de Talens  
O. Rateau  
Y. Parker  
D.N. Berg  
E. Fredriksson  
W.M. Turski

In Attendance

D. Dobrev  
Gwyneth Roberts

Assistant to L. Iliev  
IFIP Secretariat, Geneva

Secretariat

Christine Cox  
Valerie Harding  
Deborah Hart  
Mandie Osborne

The British Computer Society  
The British Computer Society  
The British Computer Society  
The British Computer Society

(n.b. certain participants were not in attendance full-time)

Acronyms:

IAG	IFIP Applied Information Processing Group (The IFIP Group for Applied Information Processing in Management and Administration).
IMIA	International Medical Informatics Association of IFIP
IAPR	International Association for Pattern Recognition
IASC	International Association for Statistical Computing
IBI	Intergovernmental Bureau for Informatics
UNESCO	United Nations Economic, Scientific and Cultural Organization
WHO	World Health Organization



1. CALL MEETING TO ORDER

The President opened the General Assembly Meeting and welcomed all participants. He introduced the new National representatives and those appearing for the first time: Mr. Basso Dastugue – Argentina, Mr. Sarhan – Egypt, Mr. Marchand – Ireland, Mr. Rabin – Israel, Mr. Park – Rep. of Korea and Ms. Gribaa – Tunisia. He also introduced Messrs. Mahmoud and Hoagland representing respectively Iraq and U.S.A. The President further introduced the new Individual Member, Mr. Chevion, the new Associate Member / IMIA, represented by Mr. Shires and the new Affiliate Member / IASC, Mr. Muller.

The President introduced the Observers and commented on the attendance of representatives from the People's Republic of China and Morocco whose Societies were seeking Full Membership in IFIP.

The President conveyed his appreciation to The British Computer Society, in particular to Messrs. Harding and Morris, Ms Cox and Osborne, for the excellent Meeting arrangements and hospitality.

Mr. Morris expressed his pleasure in welcoming all participants on behalf of The British Computer Society and its President, Mr. Sumner, who would subsequently join the Meeting.

Mr. Zich announced that proxies had been received from Mr. Gvozdjak – C.S.S.R. in favour of Mr. Dorodnicyn, Mr. Aboud – Iraq in favour of Mr. Mahmoud, Mr. Scoular – New Zealand in favour of Mr. Bennett, Mr. Freeman – U.S.A. in favour of Mr. Hoagland and Mr. Roukens – IMIA in favour of Mr. Shires. He added that excuses had been received from Mr. Zemanek- Honorary Member, but no notification had been received from Algeria and Cuba.

2. APPROVAL OF AGENDA

General Assembly unanimously APPROVED the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (GA OSLO 78)

General Assembly APPROVED, with one abstention, the Minutes of the Oslo General Assembly Meeting.

4. PRESIDENT'S REPORT

The President said it was his pleasure to formally announce Mr. Tanaka's election as an Honorary Member of IFIP. He confirmed that voting slips had been mailed from the Secretariat to the 37 Full Member representatives with a deadline reply date. 34 were received back within the time limit and 1 two days late – there was no vote against. The President congratulated Mr. Tanaka and drew attention to the services rendered by him to IFIP over many years and to his continuing activity in the field of international liaison and informatics for development.

General Assembly APPLAUDED the admittance of Mr. Tanaka as the third Honorary Member of IFIP.

Mr. Tanaka acknowledged the honour bestowed upon him.

The President referred to his Annual Report, outlining past and current activities and the progress of future IFIP events, and to his personal participation in various meetings and conferences during the past twelve months. He underlined the importance of the IFIP / UNESCO relationship and the necessity of making IFIP resources available to the developing countries. He announced that the Euro-IFIP 79 Programme included a Panel on "Informatics for Development".

The President stated that Executive Body and Council had met just prior to the General Assembly Meeting, during which they had tried to implement a new method of work. He added that points discussed and recommendations would be presented with the relevant Agenda items, but wished to emphasize at this stage that Executive Body and Council felt it was now appropriate to take a critical look at IFIP. An in-depth study should be made of the IFIP structure, programme of activities, Statutes and Bylaws, etc. to determine IFIP's status for the next five to ten years. The President recalled that, following the Oslo 1979 General Assembly Meeting, an Ad Hoc Future Policy Committee had been established under the Chairmanship of Mr. Narasimhan who would elaborate further on this matter (refer Agenda item 10.11).

Mr. Zich stated that several IFIP General Assembly Members had requested to be accompanied by delegates from their respective countries to the General Assembly Meeting. Council had just discussed this matter and was convinced that additional attendance would contribute to increase inter-action between IFIP and the Member Societies. In order to handle such requested, Council had adopted the following philosophy:

Attendance of additional Full Member representatives requires the permission of the President, only the General Assembly Host country may have more than one.

Action

Deadline date of participation requests = one month prior to the General Assembly Meeting. The total number of attendants could be restricted, for instance, on account of facility reasons. Only one document file will be distributed per Member country.

General Assembly NOTED the philosophy.

5. SECRETARY'S REPORT

Mr. Zich drew attention to his Annual Report and remarked that he had visited the Secretariat in January and August 1979 and found it to be very well organized. He mentioned that the Secretariat would be closed for three weeks – from 14 November to 5 December 1979.

Mr. Zich commented on the time allocation for Agenda items, initiated at the Bratislava Council Meeting, and hoped this would prove beneficial to all concerned. He recalled a recommendation of the Council (refer Bratislava Council Minutes, Agenda item 6.2) – “reference to previous Council or General Assembly decisions / comments should be made when re-discussing the same matter”.

Mr. Zich referred to the Oslo General Assembly request for the compilation of a list of possible speakers, with topics, for use by the Member Societies (refer Oslo GA Minutes, Agenda item 11.10). Mr. Zich confirmed he had contacted TC and SIG Chairmen, Member Societies and General Assembly Members, but only a few replies had been received resulting in a very short list of possible speakers.

Action

This matter had been discussed in Council which recommended the discontinuation of the project, but suggested that in the case of a specific demand, TC and SIG Chairmen or Member Societies should be contacted direct.

6. ADMISSIONS COMMITTEE

Mr. Narasimhan referred to his Annual Report and drew attention to documents (CGA London 79/AC-1, 2 and 3) mailed to General Assembly Members in July 1979, recommending the admission as Full Members of the People's Republic of China (Chinese Institute of Electronics – CIE) and Morocco (Association Marocaine pour le Developpement de l'Electronique, de l'Informatique et de l'Automatique – AMADEIA) and the admission as an Affiliate Member of the Very Large Data Base Organization (VLDB).

With regard to the latter, Mr. Narasimhan informed the General Assembly that Council had pointed out the lack of a procedural matter, namely, presentation of the VLDB Charter. In view of this, AC would like to propose to the General Assembly the deferment of this recommendation which in no way reflected on the possibility of VLDB becoming an Affiliate Member, probably at the next General Assembly. Mr. Narasimhan apologized for any embarrassment caused to the VLDB Organization.

Mr. Narasimhan said it was very fortunate that Observer representatives from CIE and AMADEIA were in attendance and he would call upon them for comments. He added that Mr. Auerbach had been instrumental, due to initial contact and discussions, in making it possible for CIE to submit its application.

Mr. Guo (People's Republic of China) said he and Mr. Shu were extremely glad to be attending the Meeting and it was hoped that CIE would be accepted as a Full Member commencing 1 January 1980. He felt CIE had been very well described in document AC-1 and confirmed that it was the only scientific and technical organization representing PRC in the field of information processing and electronic computer technology. In reply to a query of Mr. Tanaka, Mr. Guo advised that of the 10,000 members, approximately 800 were involved in computer science.

Mr. Benmokhtar (Morocco) expressed his pleasure at being present and said AMADEIA hoped to be accepted as a Full Member effective 1 January 1980. He referred to document AC-2 and underlined that the members of AMADEIA were specialists in the fields of electronics, automatic control, instrumentation and computers. Mr. Benmokhtar added that AMADEIA represented Morocco in IFAC and had also applied for membership in IMEKO. He drew attention to an IFAC Workshop on "Control Technology in Chemical Processes and Development" being organized by AMADEIA in Rabat during November 1979. In reply to a query of Mr. de Oliveira, Mr. Benmokhtar confirmed that AMADEIA had approximately 250 members.

The President thanked Mr. Narasimhan and the Observers from the People's Republic of China and Morocco for their contributions and called for a vote.

General Assembly VOTED in favour of admitting the People's Republic of China and Morocco as Full Members:

People's Republic of China	34/0/0
Morocco	34/0/2

(first number: in favour, second number: against, third number: abstention)

The President welcomed the People's Republic of China and Morocco as new IFIP Full Members and General Assembly APPLAUDED their admittance.

Mr. Tuori proposed that the Dues for the newly-elected Full members be as follows:

People's Republic of China	SFr. 4,200
Morocco	SFr. 1,400

General Assembly CONCURRED.

## 7. ELECTIONS

### 7.1 Nominations Committee Report - Officers

Mr. Dorodnicyn referred to the previously-distributed reports nominating Mr. Bobillier as President for a second term, Mr. Tuori as Vice-President and Mr. Hernaes as Treasurer. In explanation, Mr. Dorodnicyn pointed out that Mr. Tuori had made known his intention to retire from the office of Treasurer and Mr. Renard had just completed his second term as Vice-President.

There were no nominations from the floor. General Assembly ELECTED the following Officers:

Mr. Bobillier, President	34/2/2	1980 - 1983
Mr. Tuori, Vice-President	34/0/0	1979 - 1982
Mr. Hernaes, Treasurer	34/0/0	1979 - 1981

### 7.2 Nominations Committee Report - Trustees

Mr. Piloty referred to the previously-distributed report nominating Messrs. Lehmann, Morris and de Oliveira as Trustees for the period 1979-1982 and mentioned that Mr. Lehmann was not able to accept his nomination due to circumstances made known to him just prior to the Meeting. In view of this, NC now proposed Mr. Renard.

There were no nominations from the floor. General Assembly ELECTED the following Trustees:

Mr. Morris	(32/1/1)	1979 - 1982
Mr. de Oliveira	(32/1/1)	1979 - 1982
Mr. Renard	(34/0/0)	1979 - 1982

The President thanked the General Assembly Members for their confidence in him and said it was an honour to be re-elected, notwithstanding the great workload the position involved.

The President congratulated the other persons elected and thanked the retiring Council Member – Mr. Lehmann, Trustee – for his services. He also thanked Mr. Renard for his contributions as Vice-President and Mr. Tuori for his many years of arduous work as Treasurer.

General Assembly APPLAUDED the incoming and outgoing Council Members.

The President felt it was an appropriate occasion to present Mr. Bennett with a token of appreciation from IFIP in respect of his many services to IFIP and recalled that he had retired as Vice-President the previous year.

## 8. FINANCES

### 8.1 1978 Audited Accounts

Mr. Tuori referred to TREAS-1, the Statement of Receipts and Expenditures for 1978, which showed net assets at the end of 1978 of SFr. 606,582.08. Total expenses for 1978 amounted to SFr. 240,067.16 against an income of SFr. 301,405.39. Mr. Tuori drew attention to the practice of not budgeting Congress surpluses as the figures were uncertain, but pointed out that approximately SFr. 150,000 surplus had been received in 1978 from Congress 77 and Medinfo 77. As indicated in the Annual Report, the total surplus in respect of Congress 77 and Medinfo 77 was approximately SFr. 206,000. Mr. Tuori said the negative interest figure was due to three reasons: the transition period of IFIP's changed investment policy from trustee deposit accounts to bonds, the currency fluctuations (bearing in mind the strength of the Swiss Franc) and the fact that it had been necessary to sell some of the bonds at an unfavourable time due to a need for money in Geneva and for loans.

Mr. Tuori stated that the accounts had been audited (TREAS-2, the Auditor's Report). He also drew attention to the 1978 Income / Expense versus Budget (TREAS-3) and pointed out that the Royalties appeared approximately SFr. 30,000 under the budgeted amount. However, this was due to the fact that North-Holland had overpaid IFIP in 1977 and, consequently, rectified the position when effecting the 1978 payment. Mr. Tuori said the Secretariat gave good services for the funds at its disposition which were cautiously administered by Ms. Roberts. Commenting on TC 5 which appeared to be over budget by approximately SFr. 5,000, Mr. Tuori said this was due to certain 1977 expenses submitted during 1978.

General Assembly unanimously APPROVED the reports TREAS-1, 2 and 3.

### 8.2 1979 Statement – to 31 July 1979

Mr. Tuori presented TREAS-4 which showed a surplus of SFr. 64,950 at the end of July versus the total year budget of (SFr. 80,500) and felt the final year end result would be in the region of (SFr. 10,000 – SFr. 20,000). He added that approximately 47% of the expenses budget and 85 % of the grants budget had been utilized to end July.

General Assembly NOTED the report.

### 8.3 Dues Situation

Mr. Tuori said that TREAS-5 indicated a very satisfactory position with 85 % of the current year's Dues paid by 27 August. Only one country had not paid the 1978 Dues and another had a slight balance to settle.

General Assembly NOTED the report.

Mr. van der Sluis recalled a request of the previous General Assembly (refer Oslo GA Minutes, Agenda item 8.3) for an examination of the Dues mechanism. Mr. Tuori drew attention to the decision taken in 1976 (refer Tashkent GA Minutes, Agenda item 12.3) whereby a formula had been established, according to which the Dues would be adjusted in 1981 and consequently examined in 1980.

#### Action

He did not anticipate any radical changes and would issue a letter to all General Assembly Members prior to year-end with the proposed, revised brackets. Mr. Tuori mentioned that the Dues should attempt to cover the Secretariat costs, but, at present, only accounted for about two-thirds of same.

#### 8.4 Loan and Grant Report

Mr. Tuori presented TREAS-6, a cumulative record of loans and grants 1976 – 1979. Mr. Renard indicated that there had been some confusion in regard to the allocation of SFr. 5,500 to the TC 4 / IMIA WC on “Optimization of Computer ECG Processing” (Halifax, Canada, June 1979) and Council had decided this amount was to be considered as a grant. (refer of the Minutes).

General Assembly NOTED the report.

#### 8.5 1979 Budget

Action

Mr. Tuori confirmed that the TC 4 / IMIA loan and grant would be adjusted.

#### 8.6 1980 Budget

(The Budget discussion was held later in the Meeting, but is reported here for coherence with the other financial reports).

Mr. Tuori referred to the IFIP 1980 Budget (GA London 79/TREAS-7, September 1979) which had been established in two parts: meaningful and discretionary (controlled by the President).

As there were no particular queries, Mr. van der Veer moved that the 1980 Budget (TREAS-7) be accepted and subsequent amendments be made, if necessary.

General Assembly unanimously ADOPTED the motion.

Action

Mr. Tuori confirmed that a final, typewritten version of the 1980 Budget would eventually be distributed to concerned parties.

The President thanked Mr. Tuori for the efficient way in which he had always handled the IFIP finances and presented the reports.

General Assembly gave a further VOTE OF THANKS to Mr. Tuori.

#### 9. IFIP FOUNDATION

The President referred to the comments in his Annual Report and stated that ACM Europe had requested the Foundation to handle its secretarial work. The request was approved by Council within the limits of the available resources and under the condition that the IFIP name would not be used by ACM.

The President announced that IFIP had regretfully received the resignation of Ms. Lucas, the Foundation Administrative Manager, and wished to thank her profoundly for the excellent work she had performed for many years and to wish her every happiness and success in the future.

Mr. Bennett moved that the excellent performance of Ms Lucas be formally acknowledged by the General Assembly.

General Assembly unanimously ADOPTED the motion.

Action

The President confirmed he would transmit this acknowledgement to Ms Lucas.

Action

Mr. Tanaka drew attention to the services offered by the Foundation, as outlined in the Standing Orders (item 7), and called upon the General Assembly participants to try and generate activity for the Foundation which was underutilized and indicated that most of its activity thus far related to IAG: He hoped that the administrative side of the ICID activities might be handled by the Foundation.

Mr. Tuori proposed that IFIP agree to extend its bank guarantee of Fl. 55,000 to the IFIP Foundation to the end of 1980.

General Assembly ACCEPTED the proposal, with one abstention.

10. COMMITTEE REPORTS

10.1 Activity Planning Committee

Mr. van der Veer presented his report (GA London 79/APC-1) and announced that APC had met in Vienna and London just prior to Council Meetings and the members had also corresponded in an attempt to establish a methodology to decide what new IFIP topics should be encouraged and others dropped and the task of IFIP as a whole. It was considered that:

- IFIP activities must be those which need specific international cooperation....
- IFIP interest should remain constantly with the basic science and technology of informatics ....
- IFIP should encourage involvement in new application areas....
- IFIP should be a “womb” for new applications too weak to stay alive to be self-supporting....
- IFIP should project a definite image in countries which are fairly active and developed in the computing field and play a substantial role in the professional life of same....
- IFIP had a particular task to perform towards the less developed and developing countries and the support of all Technical Committees is necessitated....
- IFIP should contribute to create a better professional image of computer practitioners.....

Action

Mr. van der Veer added that APC was trying to arrange a meeting with the Future Policy Committee and requested General Assembly Members to send suggestions to the FPC Chairman, Mr. Narasimhan, or himself on what they or their respective Societies felt IFIP should be doing, etc.

Action

Mr. van der Veer drew attention to a “Proposal on IFIP TC, WG and SIG Review Procedures” (GA London 79/APC-4) following discussions in Oslo (GA Minutes, Agenda item 6.1) and Bratislava (Council Minutes, Agenda item 11) and moved that the resulting Guidelines be accepted and made part of the Standing Orders.

General Assembly unanimously ADOPTED the motion. (refer Appendix 1 of the Minutes)

Mr. van der Veer said that APC proposed that TC 2 be reviewed by the following Review Committee:

Chairman	-	N.J. Lehmann
APC member	-	H. Freeman
TC Chairman	-	M. Paul

Outside expert to be appointed.

Mr. van der Veer added that APC also recommended a review of IAG by the following Review Committee:

Chairman	-	G.J. Morris
IAG Chairman	-	E.H. Sibley

APC member and outside expert to be appointed.

Mr. van der Veer indicated that some General Assembly and APC members had intimated their interest in being involved with the IAG review and recommended that the President take advantage of these possibilities.

Mr. van der Veer moved that reviews of TC 2 and IAG be carried out.

General Assembly unanimously ADOPTED the motion.

Mr. van der Veer commented on the 6-Years Plan (CGA London 79/APC-2), kindly prepared by Mr. Renard, and said APC was considering simplifying or streamlining a procedure for approval of Working Conferences and studying the possibility of publishing the 6-Years Plan prior to General Assembly Meetings. Thought was being given to circulating the 6-Years Plan to Member Societies which could possibly adapt same for their local channels.

(For coherence, the comments regarding the TC 7 RC report are shown under TC 7, Agenda item 11.5).

Mr. van der Veer expressed his thanks to his Committee for their contributions.

#### 10.1.1 Task Group “Governmental and Municipal Data Processing”

Mr. Chevion presented his report (GA London 79/TG-GMDP) and revised that certain members of the Task Group had met with a few invitees the eve of the Council Meeting.

Following the detailed report presented to the previous General Assembly Meeting (refer Oslo GA Minutes, Agenda item 11.1.1), Mr. Chevion stated that the Task Group had again analysed the pros and cons of including the topic of Governmental and Municipal Data Processing as a regular and distinct activity of IFIP. Mr. Chevion confirmed that the Task Group had been closely watching developments in the computer community, had held numerous conversations and found that, worldwide, computerized Information Systems in governmental and municipal administrations had a paramount impact on the economic and social issues of society. As a result, the Task Group considered GMDP as a legitimate field of activity.

Mr. Auerbach, the originator of this Task Group, gave a resume of research carried out in this field and underlined the various problems to be dealt with. The latter comments were heartily endorsed by Mr. Muller.

Mr. Chevion remarked that there was some hesitation as to the most effective way of IFIP becoming involved in this area of Information Processing and a lengthy discussion had taken place during the Council Meeting. The outcome was the following recommendation, adopted by Council with the agreement of the Activity Planning Committee:

General Assembly to set up an Ad Hoc Committee with the following specific terms of reference:

- i) to organize an intensive international Workshop with invited participation to be held in 1980 or 1981 when
  - the live problems of this area will be discussed in terms of technical sessions and
  - a strategy and an organization set up for possible future IFIP involvement will be formulated;
- ii) this Ad Hoc Committee will work in cooperation with IAG and other IFIP groups;
- iii) an adequate budget for the work of the Ad Hoc Committee will be included in the IFIP 1980 Budget.

General Assembly ACCEPTED the recommendation, with three abstentions.

Mr. van der Veer felt that General Assembly should note that a budget of SFr. 6,000 was required for the organization of the Workshop and should, in principle, be included in the 1980 Budget with the proviso that Council make the final decision.

The President thanked Mr. Chevion and the members of the Task Group for their efforts.

#### 10.1.2 Task Group “Computer Applications in the Humanities and Social Sciences”

Mr. Raben referred to document (GA London 79/TG-HSS 1) outlining the positive results of the two-day Conference on “Data Bases in the Humanities and Social Sciences (CDBHSS)” which took place in Hanover, New Hampshire, U.S.A. in August 1979 with a participation of 193 persons from 14 countries. This Conference was co-sponsored by IFIP with a SFr. 6,000 loan which Mr. Raben confirmed will be reimbursed.

It was felt that, in view of the success of this Conference as well as the preceding Fourth International Conference on “Computers and the Humanities”, the need for international activity in this area was clearly apparent. Mr. Raben indicated that European attendees, in particular, expressed a wish to have a successor Conference in Europe and the idea was to hold same in Barcelona, Spain in June 1980. IFIP co-sponsorship and financial support were sought.

Attention was drawn to the Association for Computers in the Humanities and Social Sciences, created under the leadership of Mr. Raben with a membership of over 200 persons.

Mr. Raben expressed sincere thanks to the General Assembly for the confidence shown in the Task Group and CDBHSS last year and the desire for a continuing relationship with IFIP.

Mr. Renard stated that in view of these developments, APC considered the work of the Task Group to be complete. Discussions should now take place to establish what relationship should exist between IFIP and the newly-formed Association.

After deliberation, Mr. Renard proposed that the work of the Task Group be considered as finished and application for Affiliate Membership be awaited for the future.

General Assembly unanimously APPROVED the recommendation.

Mr. Renard said APC wished to record its appreciation for the enthusiastic manner in which Mr. Raben and his Task Group had performed.

Mr. Verrijn Stuart felt very strongly about IFIP giving assistance to the Barcelona Conference and these sentiments were supported by Mr. van der Sluis. After discussion, the following proposal was presented to the General Assembly in respect of IFIP co-sponsorship and a loan of SFr. 6,000.

- General Assembly, in principle, supports the activity of the Barcelona Conference subject to
- a specific proposal and request from the organizing body to IFIP
  - repayment of the loan to the Hanover Conference
  - TC 8 being the liaison factor (co-sponsoring body) and having a member on the Programme Committee

General Assembly ACCEPTED the proposition, with one abstention.

## 10.2 Congress Guidelines Committee

Mr. Genuys presented his report (GA London 79/CGC-1) and indicated that very few comments had been received in respect of the various Chapters distributed at the Oslo General Assembly and CGC members had little inclination to revise their contributions. However, good feedback had been received from those people having consulted the draft Guidelines for planning purposes and thus confirmed that Guidelines were useful and necessary.

Mr. Genuys remarked that CGC was not involved in the preparation of the forthcoming IFIP Congress and underlined the importance of having input from people with this experience.

Action

Mr. Ando confirmed the willingness of the Japanese C80 OC to cooperate and Mr. Bennett felt sure the Australian C80 OC would do likewise.

Mr. Genuys recommended that the Guidelines, as such, be edited by a professional writer with the assistance of the IFIP Secretariat.

Action

Additionally, that a new revision of the Guidelines take place following Congress 80 at which time new CGC members, with Congress experience, should be appointed.

Action

Mr. Morris reiterated his offer to edit the Guidelines at no cost to IFIP and Mr. Sibley offered his services as a reader.

The President thanked these gentlemen for their support and expressed his appreciation to Mr. Genuys and all those who had contributed to the various Chapters, drawing attention to the great work-load involved. The President asked Mr. Genuys to kindly continue as the CGC Chairman in a monitoring role.

## 10.3 Finance Committee

Mr. Boyd referred to his Annual Report and mentioned he was resigning as FC Chairman, which function would be taken over by Mr. Tuori, but he had agreed to remain as a member of the Committee.

Mr. Boyd indicated that consideration had been given to investing the Congress 77 and Medinfo 77 surpluses in North America, but FC had been advised against such a move. The IFIP investments were currently in Bonds of hard Western European currencies, principally German Marks, diligently handled



by Mr. Tuori. Mr. Boyd said thought should be given to possibly investing in Japan and Australia surplus resulting from Congress 80.

Mr. Boyd drew attention to the conservative economic projections prepared by Mr. Tuori. He confirmed that the accounting had now been finalized in respect of Medinfo 77 (refer Agenda item 16.).

Mr. Boyd stated that FC had studied various ways which could eventually raise additional money for IFIP and had launched a project to examine the interest of Member Societies having IFIP participation in their National or Special Conferences, etc. with a certain split of revenue. In this connection, Mr. Boyd presented document (CGA London 79/FC-1) outlining the results of this investigation. Out of the approximate 20 replies received, most countries were interested in Special Conferences although developing countries seemed to favour presentations by TC and WG members.

Mr. Boyd said he had canvassed the TC and WG Chairmen for names of speakers which had resulted in a good response and felt a list should be established and updated annually. Mr. Zich drew attention to Council's recommendation: namely, to discontinue the project of establishing a list of speakers, but in the case of a specific demand, to contact directly TC and SIG Chairmen or Member Societies. Messrs. Sibley and Vlietstra strongly vetoed the idea of distributing a list of speakers and Mr. Verrijn Stuart concurred.

After discussion, it was proposed that the names of speakers submitted thus far be kept at the Secretariat and a copy with the APC Chairman. This could be made available upon the request of a Member Society on the understanding that it should merely act as a guide.

Action

In the case of specific demand, TC and SIG Chairmen or the APC Chairman should be contacted.

General Assembly ACCEPTED the proposition, with three abstentions.

Mr. de Oliveira advised that his Society would officially invite the TC Chairmen to its 1980 National Conference, with paid travel expenses, to speak and motivate people to participate in the IFIP Working Groups and to organize local activities.

The President thanked Mr. Boyd for the services he had rendered as Chairman of the Finance Committee.

#### 10.4 IFIP Committee for International Liaison (ICIL)

Mr. Tanaka presented his report (GA London 79/ICIL-1) which contained a brief summary of the results of the ICIL meeting held two days prior to General Assembly.

Referring to ICIL, initiated under the aegis of ICIL, Mr. Tanaka said its evolution had warranted a separate identity and, consequently, had been established as a Standing Committee, with its own Aims and Scope, at the Bratislava Council Meeting and would be discussed under Agenda item 10.5.

Mr. Tanaka stated that, in reviewing ICIL activities for the past few years, it was felt necessary to define its responsibilities which included:

- liaison with outside organizations .....
- specific liaison with UNESCO .....
- assessment of contacts and invitations  
from outside organizations and ultimate action.....
- summarizing IFIP external liaison.....
- awareness of situations involving outside organizations  
with possible relevance to IFIP

Mr. Tanaka underlined the importance of providing suitable and timely responses to contacts from outside organizations where direct liaison did not already exist as with ISO (TC 2 and TC 6) and WHO (IMIA) and confirmed that Council had approved the following method for handling request.

Action

- a. (For the President and the Secretariat)  
Route announcement or request to appropriate  
IFIP person if liaison has been previously defined  
(e.g. ISO to TC 2 or TC 6, depending upon topic)

- b. otherwise, route to President and to ICIL Chairman (or his designate).
- c. Where action seems required, but a specific individual cannot yet be named, the President and / or the ICIL Chairman will ask the Secretariat to send copies to a specific distribution list
- d. The distribution list, to be defined, will generally include ICIL and Council Members.
- e. Those on the list must respond immediately, either with an indication of:
  - no action, or,
  - a specific and relevant response (generally the name of someone available and qualified to act on behalf of IFIP)

Mr. Tanaka added that when it was important to have an IFIP representative attend a meeting of an outside organization, IFIP would subsidize travel expenses if absolutely no other sources were available. In this connection, ICIL was requesting – in addition to its 1980 budget – a sum for this purpose to be allocated in the President’s Reserve Account.

Action

In order to prepare a summary of the contact between IFIP and other organizations, TC and SIG Chairmen, et al would be asked to include a brief narrative of such contacts in their Annual Reports.

Mr. Tanaka said he recommended the appointment of an ICIL Vice-Chairman with the proviso that either the Chairman or Vice-Chairman be a European, considering that the majority of external contacts were with European-based organizations.

Mr. Tanaka mentioned ICIL would be initiating contact with certain organizations interested in a relationship with IFIP, but would subsequently refer same to the Admissions Committee should negotiations develop in that direction.

The President thanked Mr. Tanaka and his Committee for their hard work and future outlook.

General Assembly NOTED the report.

The President advised that during the last meeting of FIACC (Five International Associations Coordinating Committee: IFAC, IFIP, IFORS, IMACS and IMEKO), they had been asked to consider the admittance to FIACC of the World Organization of General Systems and Cybernetics. This issue had been discussed in Council which had voted against the proposition.

Action

The President confirmed that Mr. Zich would inform FIACC accordingly.

Mr. Verrijn Stuart referred to document (GA London 79/ICIL), his follow-up report on IFLA (International Federation of Library Associations and Institutions) which desired to establish a formal relationship with IFIP. Mr. Verrijn Stuart pointed out that IFLA was:

“an independent international non-governmental association, without profit motive, whose purposes shall be to promote international understanding, cooperation, discussion, research and development in all fields of library activity, including bibliography, information services and the education of personnel, and to provide a body through which librarianship can be represented in matters of international interest”

Mr. Verrijn Stuart confirmed that the IFLA Deputy Secretary General had written:

“.... Executive Board has decided to confer ‘Consultative Status’ to IFIP.”

This means that an IFIP representative is welcome at all important IFLA activities and professional meetings and all general documentation would be made available. From its side, IFLA would like to receive “observer” invitations to various IFIP meetings.

The President thanked Mr. Verrijn Stuart for this undertaking and asked if he would accept the position of IFIP Liaison Officer with IFLA.

Action

Mr. Verrijn Stuart declined, but suggested that an official letter of acknowledgement be addressed to IFLA with an indication of the IFIP liaison contact.

#### 10.5 IFIP Committee: Informatics for Development (ICID)

Mr. Tanaka presented his report as the ICID Acting Chairman. He said it was not his intention to remain in that function, but wished to clarify the situation and then find a suitable Chairman – either someone from outside IFIP or a General Assembly member whose country was specifically concerned with the problem of informatics for development.

Mr. Tanaka recalled that the ICID embryo had been created, following the resolution (relating to the development of all aspects of informatics...) adopted at the UNESCO / IBI “SPIN” Conference (refer Oslo GA Minutes, Agenda item 11.5.1), with the intent to provide a mechanism for IFIP to focus its resources in working in the area of informatics relative to the developing countries.

Referring to his comments under Agenda item 10.4, Mr. Tanaka drew attention to Appendix 1 of his report outlining the ICID Charter (Aims and Scope) and confirmed that since its inception, ICID had functioned under two main guidelines: i) an effective programme can only be defined in cooperation with / assistance of the developing countries, and ii) IFIP must plan its programme to fall within practical limits defined by available resources.

Mr. Tanaka underlined ICID’s need for close cooperation with UNESCO whose assistance in defining appropriate areas of activity and financial support were sought.

Mr. Tanaka advised that the first meeting of ICID, made possible by UNESCO support, had taken place in June 1979 at the UNESCO Headquarters in Paris. IFIP Officers and TC representatives attended together with participants from UNESCO and other institutions and were successful in defining the organization and preliminary plans. Full details are available in Section III of the report.

Mr. Tanaka announced that a second meeting was scheduled for 29 September 1979 in London with a greater attendance, including IFIP Officers and TC Chairmen (whose activities were specifically relevant for the programme), UNESCO representatives and people from developing countries who had been selected to participate in the discussions which would focus on the definition of specific and future programmes, implementation of the proposed 1980 programme and examination of the structure and objectives of ICID.

Mr. Tanaka pointed out that UNESCO funding had been made available to encourage attendance by delegates from developing countries at: 2<sup>nd</sup> Conference on “Human Choice and Computers” (Vienna, June 1979); International Conference on “Teleinformatics 79” (Paris, June 1979), and, in particular, at the forthcoming “Euro-IFIP 79” (London).

Mr. Tanaka indicated that ICID hoped to receive further funding from UNESCO in 1980 to support attendance of scientists from developing countries at: Symposium on “Data Communications” (Bombay); Symposium on “Computer Networks Interconnection” (Toronto); Congress 80 and Medinfo 80 (Tokyo and Melbourne) and “Informatics for Development” (Madras). It was also hoped to receive support for scientists from developing countries to attend IFIP TC meetings and for specialists invited to lecture in a developing country en route to a scientific conference.

Action

Mr. Tanaka said ICID also hoped for UNESCO support to increase the distribution of the IFIP Information Bulletin and other publications by mailing to more people in the developing countries and requested that attention be given to including articles which would be of value to them.

Mr. Tanaka added that the Publications Committee had been approached to investigate if some of the North-Holland IFIP books could be made available to developing countries at reduced rates.

Mr. Tanaka mentioned that, prior to the General Assembly, he had attended a three-day meeting at UNESCO of an Advisory Group concerned with informatics for developing countries, Mr. Paker / UNESCO and Mr. Rateau / IBI had also participated.

Mr. Paker stated that UNESCO dealt with governments and intergovernmental bodies and felt that organizations such as IFIP allow it to be in direct contact with the professional community. In this sense, UNESCO treasured its relationship with IFIP. Mr. Paker added that UNESCO was in the process of re-assessing its own programme to see how it could best serve the demands made upon it. To this end, UNESCO would like to rely on the potential and expertise offered by IFIP and hoped ICID would assist with the demands of the UNESCO Member Countries.

Mr. Rateau intimated that IBI was very pleased to see the evolution of IFIP and interest related to the problems of developing countries. IBI had experience in this field since it had 29 Member Countries in different stages of development, and had undertaken an intensive programme in Spain in cooperation with UNESCO. IBI considered there were many opportunities for cooperation with non-governmental organizations like IFIP; no competition involved, but the complementing of fields of activity. IBI wished to study the possibilities with IFIP and ICID.

Mr. Tanaka confirmed that the easiest way was to work together and not waste energy and resources in competition. He hoped Mr. Rateau would convey this sentiment to the IBI Director General.

Mr. Berg said WHO was also pleased with the attitude IFIP was taking with regard to the work going to be introduced for the developing countries as WHO had a great interest in these countries and in expanding the activity in this area, particularly informatics to the people who had a great need of same. Mr. Berg confirmed that WHO had had discussions with Mr. Shires / IMIA and others regarding activities related to "health informatics" and appreciated the efforts being made. WHO would like to see the participation of people from developing countries in some of the planned activities, such as Workshops, etc. Mr. Berg drew attention to an activity strongly encouraged within the United Nations framework, namely the exchange of technical development between developing countries and felt that IFIP might wish to consider supporting same.

The President thanked Messrs. Paker, Rateau and Berg for their comments which were very much appreciated.

Mr. Verrijn Stuart pointed out that TC 8 had a particular role to play in the field of developing countries. He added that, as far as information systems were concerned, all countries were developing. Mr. Verrijn Stuart confirmed that TC 8 would like to assist in implementing ICID's proposed activities.

Mr. Paker advised that TC 3 had been contracted by UNESCO to investigate curricula and training courses for teachers of informatics.

Mr. Vlietstra drew attention to a TC 5 Working Conference on "Computer Applications in Food Production and Agricultural Engineering" scheduled for 1981 in Cuba. He added that TC 5 had sought support from UNESCO, FAO and others.

The President requested everyone engaging in developing country activities to keep the ICID Chairman aware of same.

He also requested General Assembly Members from developing countries to reply rapidly to requests addressed to them by the ICID Chairman or designates. This had not been the case recently and everything should be done to facilitate the task of ICID which was working to help them.

The President thanked Mr. Tanaka, Mr. Kalman (ICID Vice-Chairman) and all those who had contributed to the launching of ICID.

General Assembly NOTED the report.

#### 10.6 Publications Committee

Mr. Kroneberg presented the report of the Publications Committee (GA London 79/PC-1) on behalf of its Chairman, Mr. Zemanek, and mentioned that PC had met in Paris on 5 September 1979.

Mr. Kroneberg indicated that there had been some dissent in respect of the prices of the IFIP publications. PC had intensively studied all relating factors and concluded that the complaints were not justified.

Mr. Kroneberg commented on the Royalties for 1978 (North-Holland) which amounted to SFr. 64,830 and drew attention to Appendix II of the report, listing the impressive number of publications which had appeared since the Oslo General Assembly Meeting, and those in preparation.

Mr. Kroneberg recalled an important change in the copyright legislation of the U.S.A. and other countries which had motivated the last General Assembly to introduce a copyright statement for all IFIP publications (refer Oslo GA Minutes, Agenda item 11.6):

“All IFIP publications are under IFIP copyright. Exceptions must be decided by the General Assembly. Author(s) of a paper to be published in an IFIP publication have to sign the IFIP Copyright Transfer Form”.

#### Action

He added that PC now proposed this be a Standing Order actually requiring the copyright statement from now on – i.e. for all papers published after 1 January 1980. The IFIP Copyright Transfer Forms would be kept at the Secretariat and forwarded to the responsible TC or Congress PC Chairman following approval of a given event.

He, in turn, would transmit the Form to the appointed Editor who would request the authors in question to sign same and return together with their final manuscripts.

General Assembly APPROVED the IFIP Copyright Transfer Form, with one abstention. (refer Appendix 2 of the Minutes).

Messrs. Kroneberg and Fredriksson recalled that the last General Assembly had approved the proposal to establish an IFIP Compact Journal in cooperation with North-Holland (refer Oslo GA Minutes, Agenda item 11.6). PC now proposed a resolution – namely, to partially support Mr. Koster who was prepared to manage this Pilot Project at the University of Nijmegen; to form a Task Force for the coordination of the Project and to appoint TC/WG contacts to provide news items of IFIP activities, etc.

Mr. Auerbach pointed out that there were already systems commercially available and unless it were clear how the Compact Journal would advance the scientific community, then it would be against the principles of IFIP to fund a commercial firm.

#### Action

After a long discussion, Mr. Tanaka moved that IFIP communicate to North-Holland it would be very receptive to listen to its proposal as to how the Compact Journal might work, but IFIP was not in a position now to actively participate with North-Holland in defining a system.

General Assembly unanimously ADOPTED the motion.

The President thanked Mr. Kroneberg for presenting the Publications Committee report and for all the work he undertook in his capacity as Publications Officer.

## 10.7 Public Information Committee

Mr. Morris presented his report (GA London 79/PIC-1) and said PIC had been reasonably active during the past year. IFIP NEWS no: 3 had been produced and distributed following the Oslo General Assembly and a further edition of the IFIP Information Bulletin had been published in December 1978 under the editorship of Ms Roberts. Mr. Morris added that seven different reports and announcements concerning IFIP activities had been distributed to all Member Society Secretariats for further dissemination, as appropriate. In addition, he had prepared a two-page summary on IFIP and its activities which had appeared in the IAG “Information and Management” and the first edition of the TC 5 publication “Computers in Industry”.

Mr. Morris indicated that a lot of work had been undertaken to improve the various mailing lists, but he deplored the cooperation of the General Assembly Members. In querying the receipt by the General Assembly Members of the IFIP NEWS via their respective Society’s Secretariat, he had received only three replies.

Mr. Morris outlined his conversation with TC and WG Chairmen and his consternation at the lack of their members in reporting back to the respective Societies on IFIP activities.

Action

He urged the General Assembly Members to review this state of affairs with their Societies.

Action

Mr. Morris complimented The Computer Society of South Africa which reprinted the IFIP NEWS and articles concerning the Technical Committees in its Bulletin and stressed the desire for other Societies to do likewise.

The President expressed his appreciation of the efforts being undertaken by the Public Information Committee and thanked Mr. Morris for having activated it.

General Assembly NOTED the report.

(Kindly refer the Minutes regarding a decision on the format of the IFIP Summary, etc).

#### 10.8 Regional Conference Policy Committee

Mr. Bennett announced that approximately half of the editorial work required for the final draft had been completed. Taking into consideration amendments to the Congress Guidelines and comments of the Euro-IFIP 79 OC and PC Chairmen, it was hoped to complete the draft for presentation to the March 1980 Council Meeting.

Action

The President encouraged Mr. Bennett and his Committee to complete the draft for circulation to Council Members prior to the March Meeting. At that date, the Committee should be terminated.

#### 10.9 Statutes and Bylaws Committee

Mr. Lehmann referred to his report (GA London 79/SBC-1) distributed to General Assembly Members in July 1979. He thanked the Secretariat and Mr. Morris for their assistance in producing a new edition of the Statutes and Bylaws which included all amendments approved by the General Assembly up to and including the September 1978 Oslo GA Meeting.

Mr. Lehmann stated that SBC had approved the proposition to have all Council members legible as cognizant persons and this was covered in the Statutes and Bylaws by the wording "... cognizant Vice-President or Trustee...".

Mr. Lehmann added that checking of the Statutes and Bylaws had revealed some inconsistencies in Bylaws 4.2.4 and 4.2.7 relating to terms of office of TC and WG Secretaries. To unify same, SBC recommended that the Bylaws should indicate "the term of office for secretaries is always three years which may be renewed without any limitation".

General Assembly unanimously APPROVED the recommendation.

The President advised that this amendment had been included in the new August 1979 edition of the Statutes and Bylaws which General Assembly NOTED.

Mr. Lehmann pointed out that the IAG Bylaws had been under discussion due to a controversial point in respect of Affiliate Membership. However, he recommended that no action be taken pending the outcome of the IAG Review.

General Assembly NOTED the recommendation.

Mr. Lehmann stated that, in addition to his report, SBC had been discussing the matter of membership for regional groups and, in principle, were in favour of according one vote each to such groups. This would be further reviewed with the Future Policy Committee and a definite proposal presented to the next General Assembly.

Action

Discussion ensued on the composition of regional groups and voting rights, etc. In view of the importance of the issue, Mr. Tanaka proposed that SBC make its report available earlier than usual to allow people ample time to express their comments to SBC prior to General Assembly.

Mr. Lehmann referred to the Draft Guidelines for IFIP Nomination Committees, initiated by Mr. Bennett, and confirmed that SBC approved same.

Action

It was proposed that General Assembly accept these Guidelines and reference to their existence be noted in the Standing Orders.

General Assembly AGREED, with one objection and one abstention.

The President remarked on the excellent work carried out by Mr. Lehmann and his Committee and expressed his thanks on behalf of IFIP.

#### 10.10 Ad Hoc IFIP 25<sup>th</sup> Anniversary Committee

The President mentioned that Mr. Zemanek had been Chairman of the Ad Hoc IFIP 20<sup>th</sup> Anniversary Committee which, after many enquiries and discussions, had decided to celebrate the 25<sup>th</sup> Anniversary of IFIP and not the 20<sup>th</sup>. Council had approved this agreement. (refer Bratislava Council Minutes, Agenda item 6.10)

The President drew attention to Mr. Zemanek's report (GA London 79/ Anniversary Plans) and stated that Mr. Zemanek wished him to appoint a full Committee.

Action

The President appealed for suggestions and volunteers.

#### 10.11 Ad Hoc Future Policy Committee

Mr. Narasimhan said he was not submitting a formal report, but would brief the General Assembly on what had been taking place.

In November 1978, he had prepared an outline of points which seemed to be the kind of issues FPC should address itself to and had distributed same to approximately 25 persons who had been associated with IFIP activities for some time. Many reply comments were received and they were re-distributed under the broad headings of Membership (representation, weighted voting, individual memberships) and Activities.

Mr. Narasimhan added that Mr. Auerbach had elaborated on his submitted comments in a paper entitled "A Proposed Future Strategy and Structure for IFIP" which he would present during a Euro-IFIP 79 Panel Session. A copy of the paper had been sent to all General Assembly Members in June 1979 at Mr. Auerbach's request.

Mr. Narasimhan touched on the necessity of having a more flexible Member arrangement in IFIP, possibilities of regional group membership (also being reviewed by the Statutes and Bylaws Committee), etc. It was felt that IFIP, henceforth, should concern itself increasingly with activities which have a more decisive bearing on the types of problems it faces, from both a technical and practical point of view. However, the effective action that IFIP could take was not very clear. Mr. Narasimhan pointed out that in many countries information processing activity tended to be carried out in a government-controlled framework and in view of its non-governmental status, IFIP might find it difficult to liaise beneficially in terms of implementing and formulating programmes. Considerable detailed thinking would be called for in order to establish such an inter-face.

Mr. Narasimhan summarized by indicating that the foregoing were the kind of issues which FPC considered had policy implications for the shaping of IFIP in the next five to ten years and stressed the importance of having input from those countries which were likely to derive benefit from the new kind of activities. He heartily favoured the proposed joint meeting of FPC and APC and probably other interested parties.

During the ensuing brain-storming discussion, Mr. Rabin underlined that IFIP represented technology and science which was advancing at a revolutionary pace and, to get respect, it was vital to keep abreast of developments and be in the forefront of computer science and its applications. The next decade implied quite a different picture from the last one. Mr. Tanaka laid stress on IFIP involvement in activities for the developing countries.

Reverting to the question of membership, Mr. Dorodnicyn said there was no definition of what Affiliate Membership in IFIP implied and Mr. Bennett drew attention to the unanswered question of a relationship with SEARCC. Mr. Ando confirmed that SEARCC wished to be affiliated with IFIP in some manner, but with a voting right. Mr. Lehmann drew attention to his comments under Agenda item 10.9 and reconfirmed that SBC would be working with FPC on this issue.

The President thanked Mr. Narasimhan for his efforts and said he would look forward to the outcome of the joint FPC and APC meeting.

#### 10.12 Ad Hoc Committee to Revise "IFIP Guide to Concepts and Terms in Data Processing"

It was confirmed that a revised "IFIP Guide..." was being produced and a report on this activity would be sent to the President very shortly.

#### 10.13 Ad Hoc Committee for Site Selection C83

Mr. Boyd presented his report (GA London 79/SSC83-1) which contained the results of the meeting his Committee had held the previous evening with the President and Mr. Renard representing AFCET (French Member Society).

He announced that the only formal written proposal had been submitted by France. Mr. de Oliveira remarked that Brazil (the other previously-interested candidate) had advised Mr. Boyd it was in favour of a Congress in Europe in 1983, but would definitely propose Rio de Janeiro for Congress 86.

##### Action

Mr. Boyd said his Committee recommended that France's bid for Congress 83 be accepted, but subject to a revision in the budget presented - to allow for a surplus at least equal to that realized by Congress 77 in Toronto. The forecast expenses should be reduced.

Mr. Renard presented documents (CGA London 79/IFIP 83.1 and 2) detailing the French bid. The Centre International de Paris, place de la Porte Maillot was proposed as the venue for the Congress, scheduled for 19-23 September. The Exhibition would be organized within SICOB which would guarantee a surface of at least 2,000 square metres for IFIP exhibitors. Mr. Renard indicated that in case of a financial loss due to unforeseeable events, SICOB and AFCET had already guaranteed to cover same in the ratio of 70% and 30% respectively.

At this stage, it was conservatively estimated that 2,000 or 3,000 persons would attend with a proposed registration fee of FF. 1,175 (or SFr. 460 – U.S. \$ 275 – July 1979 equivalent). It was the general feeling that the registration fee should not be increased to allow for additional revenue.

##### Action

Mr. Boyd added that his Committee had strongly urged the necessity of arranging for low-cost (University) accommodation.

Mr. Renard underlined the important collaboration being offered by SICOB and Convention Informatique (Software Conference).

Mr. van der Veer proposed that Paris be accepted as the lieu for Congress 83.

General Assembly unanimously ACCEPTED the proposition.

Mr. Morris queried at what stage the budget would be accepted. It was suggested that the budget could be further discussed at the Sofia 1980 Council Meeting.

The President thanked Mr. Boyd and the members of his Committee.

##### Action

He asked Mr. Renard to convey IFIP's congratulations to the President of AFCET and said he would be writing a formal letter of appreciation in due course.



11. TECHNICAL COMMITTEES

11.1 TC 2 (Programming)

Mr. Paul referred to his Annual Report and mentioned that TC 2 had held its 25<sup>th</sup> meeting in June in Venice where WG 2.6 had organized a Working Conference on "Data Base Architecture". It was very well received and the Proceedings would shortly be available from North-Holland.

Mr. Paul said he had heard from the WG 2.7 Chairman that the Working Conference on "Command Languages", which had just taken place in Berchtesgaden, had been very stimulating with 50 participants. WG 2.7 planned to hold a similar Conference, with particular stress on high level protocols, about two years hence.

Mr. Paul remarked on the successful experience enjoyed by WG 2.3 in helping with the organization of the University of California, Santa Cruz Extension Summer School "Advanced Course on Programming Methodology" in August and again thanked IFIP for having participated in the amount of \$4,000 (SFr. 6,900) which had been used to assist students from developing countries to attend. Mr. Paul said he had received a letter of thanks from the University organizers of the event and confirmation that a cheque for \$5,000, out of the surplus, was being sent to IFIP as agreed. (refer Bratislava Council Minutes, Agenda item 4.1).

Mr. Paul added that WG 2.3 had requested permission to drop its preliminary-scheduled 1981 WC on "Programming Methodology" as it would rather continue with a similar Summer School experience.

In this connection, Mr. Paul indicated TC 2's desire to be associated with a Summer School two-week course on "Software Engineering" to be held in Italy in 1980 under the aegis of ITALSIEL and AICA. He requested IFIP sponsorship without financial implication.

General Assembly APPROVED, with one abstention, TC 2 sponsorship of this Summer School.

Mr. Paul announced that TC 2, in cooperation with TC 10, had succeeded in launching preparations for a Working Conference on "Firmware, Microprogramming and Restructurable Hardware" (Linz, Austria, 28 April – 1 May 1980). The PC Chairman, Mr. Chroust, had confirmed the dissemination of the Invitation and Call for Papers. Mr. Paul requested re-approval of this Working Conference (originally approved in Rio) and a grant of SFr. 5,000.

General Assembly unanimously APPROVED this Working Con – and requested grant.

Mr. Paul drew attention to the TC 2 1980 budget request as outlined in his Annual Report.

Mr. Paul reported that Messrs. Wulf and Pool, respectively WG 2.4 and WG 2.5 Chairmen, had tendered their resignations. Messrs. Wichmann and Einarsson had been nominated as their successors with the unanimous approval of TC 2; the cognizant Officer, Mr. Bennett, had confirmed their appointments.

Mr. Paul said that during its Venice meeting, TC 2 had proposed the organization of an open Symposium on "Algorithmic Languages" as a tribute to Mr. van Wijngaarden on the occasion of his retirement as Director of the Mathematical Centre and considering the important role he has played in the history of IFIP and TC 2. The event was scheduled for October 1981 in Amsterdam and Proceedings might eventually be published by North-Holland. Mr. Paul indicated he had been proposed as PC Chairman and Mr. de Bakker as OC Chairman and Editor together with Messrs. van der Meulen and van Vliet. Mr. Paul said the necessary funds would be raised by the Dutch Computer Society and it was not felt that IFIP financial assistance would be necessary.

General Assembly APPROVED this Symposium.

General Assembly gave a VOTE OF THANKS to Mr. Paul, his Committee and Working Groups.

11.2 TC 3 (Education)

Mr. Hebenstreit referred to his report (GA London 79/TC 3-1) and said he had Chaired the TC 3 annual meeting in Ghent, Belgium on 23 and 24 April 1979.

Mr. Hebenstreit stated that UNESCO had contracted TC 3 to write a report on “a Modular Curriculum for Informatics at University level for developing countries” by 30 August 1980 and was making available \$5,000 for the project.

Mr. Hebenstreit announced that the WG 3.3 Working Conference on “CAI – Scope, Progress and Limits”, which had just taken place in London, had been a great success with 71 participants from approximately 12 countries. Speakers had been given only a short while to report on their work as most of the time had been devoted to demonstration in an exhibition room of the programmes on their own equipment – made possible thanks to micro-computers.

Mr. Hebenstreit referred to the WG 3.1 Working Conference on “Micro-computers in Secondary Education in Developed and Developing Countries” (Paris, 15-17 April 1980). He felt this could be of great interest to developing countries and some of the Programme content should be adapted to their needs as, from experience, it was almost impossible to have the same subject for developed and developing countries. TC 3 was seeking the cooperation of UNESCO and IBI in formulating a plan. Mr. Hebenstreit also referred to the TC 3 WC on “Informatics Education for all students at University level” planned for the 1<sup>st</sup> Quarter 1982 and indicated that these two Working Conferences were intended to explore the possible needs for creating corresponding Working Groups within TC 3.

Mr. Hebenstreit confirmed that the former WC had been approved at the Oslo 1978 General Assembly with a total grant of SFr. 6,000, but he requested approval of the latter with a grant of SFr. 2,000 in 1981 and SFr. 4,000 in 1982.

General Assembly unanimously APPROVED the WC on “Informatics Education for all students at University level”, 1<sup>st</sup> Quarter 1982.

Mr. Hebenstreit requested approval of the following Working Conferences:

- “Updating Seminar for Teachers for Vocational Education in Data Processing”, 1981. A grant of SFr. 6,000 was requested (SFr. 2,000 in 1980, SFr. 4,000 in 1981).
- “Informatics in Pre-secondary/Elementary Education”, 1982. A grant of SFr. 6,000 was requested (SFr. 2,000 in 1981, SFr. 4,000 in 1982)

General Assembly unanimously APPROVED these Working Conferences.

Mr. Hebenstreit requested a supplementary grant of SFr. 4,000 for the WC on “The Role of Programming in Informatics Education” (Paris, April 1980) – originally approved at the Toronto 1977 General Assembly with an initial grant of SFr. 2,000.

Mr. Hebenstreit referred to the WC on “Informatics Education for Large Information Systems” (The Netherlands, 1<sup>st</sup> Quarter 1981), approved at the Oslo 1978 General Assembly, and now requested a total grant of SFr. 6,000 (SFr. 3,000 in 1980, SFr. 3,000 in 1981).

General Assembly unanimously APPROVED these requests.

Mr. Hebenstreit mentioned that TC 3 had now received a proposal from South Africa to organize the WC on “Education and Training in Informatics for National Development” which had been approved at the Rio 1975 General Assembly with a grant of SFr. 2,000. It would probably take place in 1982 in Swaziland.

#### Action

Mr. Hebenstreit called upon the General Assembly Members from developing countries to activate their Societies to appoint members to TC 3.

The President thanked Mr. Hebenstreit for the clarity of his comments and General Assembly NOTED the report.

### 11.3 TC 5 (Computer Applications in Technology)

Mr. Vlietstra referred to his Annual Report and said that since his critical observations on the membership situation at the last General Assembly, certain changes had taken place including very active new members.

Mr. Vlietstra gave a briefing on the Working Group activities and announced that Mr. Allan III had served his six-year term as Vice-Chairman of WG 5.2 and his successor would be Mr. Guedj, the organizer of the Seillac Conferences. He added that Messrs. Williams and Lind were retiring as respectively WG 5.4 and WG 5.6 Chairmen and Messrs. Malagardis and Kuo had been proposed as their successors. As cognizant Officer, Mr. Boyd said he would write formal letters of appointment to these gentlemen.

Mr. Vlietstra confirmed the successful launching of the TC 5 Journal "Computers in Industry" in July 1979 under the directorship of the Editor in-Chief, Ms Karlmark.

General Assembly unanimously CONGRATULATED TC 5 for this excellent achievement and the President said he would write accordingly to Ms Karlmark. Action

Mr. Vlietstra drew attention to the success of the various Conferences and Symposia which had taken place during the past months, mostly joint events with IFAC. He pointed out a problem in connection with the Proceedings of the 4<sup>th</sup> PROLAMAT Conference, of which the Publications Committee was aware.

Mr. Vlietstra requested approval of the following events:

- Conference on "The Impact of CAD in Small and Medium-Sized Industries, SICAD '80" (Paris, France, 24-27 September 1980)
- WC on "Computer Applications in Food Production and Agricultural Engineering" (Havana, Cuba, 1981)
- IFIP / IFAC 2<sup>nd</sup> Symposium on "The Automation of Offshore Oil Field Operations" (London, U.K., 1981) – organized by WG 5.6
- IFIP / IFAC 4<sup>th</sup> International Conference on "Computer Applications in the Automation of Shipard Operations and Ship Design, ICCAS '82" (date and location to be determined)
- IFIP / IFAC 4<sup>th</sup> International Symposium on "Ship Operations Automation, ISSOA '82" (date and location to be determined)
- Real Time Programming Workshop (Austria, 1980). A grant of SFr. 1,000 was requested.

General Assembly APPROVED these events, with one abstention.

Mr. Vlietstra requested grants for two events which had been approved at the Oslo 1978 General Assembly:

- IFIP / IFAC Symposium on "Automation for Safety in Shipping and Offshore Petroleum Operations", ASSOPO '80" (Oslo, Norway, June 1980). A grant of SFr. 3,000 was requested.
- IFIP WC on "Man-Machine Communications in CAD and CAM" (Tokyo, Japan, October 1980). A grant of SFr. 5,000 was requested.

General Assembly unanimously APPROVED these grants.

General Assembly NOTED the TC 5 report with thanks to Mr. Vlietstra.

#### 11.4 TC 6 (Data Communication)

Mr. Pouzin referred to his Annual Report and to various documents distributed to the Meeting.

Commenting on membership, Mr. Pouzin felt that Brazil, New Zealand and Poland had resigned due to non-appearance of their representatives at the last three meetings.

He called upon the General Assembly Members to look into this matter with their respective Societies. Action

Mr. Pouzin advised his retirement as TC 6 Chairman, although he would still remain an active member of the Committee. Mr. Danthine, who had been associated with TC 6 for several years and was

extremely efficient, was proposed as his successor. Mr. Pouzin added that Mr. McKenzie had succeeded Mr. Barber as WG 6.1 Chairman.

Mr. Pouzin requested approval to formally establish two Working Groups:

- WG 6.4 (Local Computer Networks) under the Chairmanship of Mr. Hopkins.
- WG 6.5 (International Computer Message Systems) under the Chairmanship of Mr. Uhlig.

Mr. Renard confirmed that the Aims and Scope of these two Working Groups had been considered at an APC meeting and duly approved (refer Appendices 3 and 4 of the Minutes).

General Assembly unanimously APPROVED the formal establishment of Working Groups WG 6.4 and WG 6.5.

The President congratulated Mr. Pouzin.

Mr. Pouzin said that TC 6 had decided to set up a committee to review WG 6.3 (Human-Computer Communications) as it was felt there might be some overlap with TC 9. Proposals would be submitted in 1980 regarding WG 6.3 activities.

Mr. Pouzin announced that TC 6 had been requested to sponsor, without financial implication, a Symposium on "Local Network Interconnection" in Montreal in April 1980. This was the third in a series of specialized Workshops, the previous two having taken place in Versailles and Liege with respectively 280 and 500 participants.

Discussion followed on the criteria required to sponsor or co-sponsor, and attention was drawn to IFIP Bylaw 3.7

General Assembly APPROVED the co-sponsorship of this Symposium, with one objection and three abstentions.

Mr. Pouzin requested approval of an International Symposium on "Networks from the Users' Point of View – COMNET '81" (Budapest, Hungary, 11-15 May 1981). A grant of SFr. 7,000 was requested. He added that the Programme Committee Chairman would be Mr. Szentivanyi, the Hungarian TC 6 representative, and an attendance of between 400 and 500 persons was anticipated.

General Assembly unanimously APPROVED this event.

Mr. Pouzin requested approval of the following events which had been unanimously approved by Council (refer Bratislava Minutes, Agenda item 5.4):

- sponsorship of a Symposium on "Data Communications" (Bombay, India, 4 – 6 February 1980)
- co-sponsorship of an International Symposium on "Distributed Data Bases" (Paris, France, 12-14 March 1980) – no financial implications
- sponsorship of a Symposium on "Data Communications" (Australia, 3<sup>rd</sup> Quarter 1980) – no financial implications.

General Assembly APPROVED these events.

Mr. Pouzin said TC 6 had been contacted re an ICCC '80 Conference scheduled for October 1980 in Atlanta, U.S.A. It was possible TC 6 would be asked to co-sponsor same.

It was moved that the responsibility of eventual co-sponsorship be left with the TC 6 Chairman.

General Assembly ADOPTED the motion, with two abstentions.

Mr. Pouzin summarized the results of "Teleinformatics '79" which had taken place in Paris June last. There were 331 participants from 31 countries. The attendance was disappointing as 600 people were expected. In this connection, the President drew attention to publicity on the Conference which had not been collected by certain Member Societies from the airports. Mr. Pouzin implied there would be a small

surplus of approximately SFr. 16,000 which would be shared equally between AFCET and AFIP. The Proceedings (containing 46 papers) would shortly be available from North-Holland.

Mr. Dorodnicyn asked the General Assembly to support him in thanking Mr. Pouzin for his very extensive and effective work as Chairman of TC 6.

General Assembly gave a VOTE OF THANKS to Mr. Pouzin.

Mr. Bennett said TC 6 had queried the automobile compensation rate of SFr. 0.25 per kilometre and felt it should be raised to current-day levels. Mr. Tuori pointed out that in view of the strength of the Swiss Franc against other currencies, this was indeed a good, current rate.

Action

It was moved that the figure of SFr. 0.25 be left out of the next edition of the Standing Orders and should anyone request automobile compensation (which rarely happened), the Treasurer would decide at that time.

General Assembly unanimously ADOPTED the motion.

#### 11.5 TC 7 (Systems Modelling and Optimization)

Mr. Stoer announced that he had just taken up his position as TC 7 Chairman and indicated that the Annual Report had been prepared by his predecessor, Mr. Balakrishnan. Mr. Stoer referred to two documents distributed to the Meeting: a report of the TC 7 Review Committee and a continuation of same – answers to the “check list”, together with TC 7’s 6-Years Plan and a list of Conference Proceedings.

Mr. Stoer indicated that TC 7’s 9<sup>th</sup> General Conference on “Optimization Techniques”, which had just taken place in Warsaw, had been very successful with approximately 260 participants. The Proceedings would be published in 1980 by Springer Verlag.

Mr. Stoer said TC 7 had decided to establish two subgroups of WG 7.1 dealing with “Modelling in Immunology” and “World Models”. These groups would consist of some 15-16 people, including renowned specialists. The former group would cooperate with IMIA.

Mr. Stoer referred to the 6-Years Plan and requested approval of the following events:

- Joint Conference with IRIA on “Methodes de Calcul Scientifique et Technique” (Paris, France, 10-14 December 1979) – co-sponsored by WG 7.2.
- WG 7.1 WC on “Modelling and Simulation of Environmental Systems with Inadequate Data” (Lisbon, Portugal, 2-5 September 1980)
- WG 7.1 sub-group WC on “Global Modelling” (Dubrovnik, Yugoslavia, 4-8 September 1980)
- WG 7.1 sub-group WC on “Stochastic Differential Systems” (Budapest, Hungary, 15-20 September 1980)
- WG 7.3 WC on “Modelling and Performance Evaluation” (Toronto, Canada, 28-30 May 1980). A loan of SFr. 3,000 was requested.
- TC 7 10<sup>th</sup> General Conference on “Optimization Techniques” (New York, U.S.A., September 1981)

General Assembly APPROVED the foregoing events and unanimously APPROVED the loan, subject to the Proceedings of the WC being published by North-Holland.

Mr. Dorodnicyn advised Mr. Stoer to apply for a SFr. 1,000 grant for the WG 7.1 Lisbon Working Conference.

General Assembly APPROVED the grant, with six abstentions.

Regarding the TC 7 Review, discussion took place on TC 7’s Aims and Scope and future direction.

Mr. van der Veer moved that General Assembly note the work of the Review Committee, that it be referred to APC which would report back again to Council and General Assembly.

The President thanked Mr. Stoer for his comments and wished him every success in his new function.

#### 11.6 TC 8 (Information Systems)

Mr. Verrijn Stuart referred to his Annual Report and commented on the success of the Working Conferences of WG 8.1 and WG 8.2 held respectively in April and June 1979. Proceedings would be available from North-Holland.

Mr. Verrijn Stuart touched on the problem of overlap and said a joint working session of WG 8.1 and WG 8.2 had taken place in June to consider possible coordinated activity.

Mr. Verrijn Stuart said TC 8 wished to make available the knowledge and knowhow of its members and Working Groups, but had to investigate the pattern to follow. In this connection, it had decided to set up three Task Groups: "Decision Support Systems", "Information Systems Engineering" and Information Systems in Developing Countries". Funds had been requested in the TC 8 budget to support their activities. With regard to the Task Group on "IS Engineering", Mr. Verrijn Stuart said he had discussed with the TC 2 Chairman the possible participation of WG 2.3 and 2.6 members.

Mr. Verrijn Stuart added that Mr. Schneider had been recommended for a second term as WG 8.1 Chairman.

Mr. van der Veer moved that Mr. Verrijn Stuart's Annual Report (except the 1981 Budapest WC) and commented be accepted.

General Assembly ADOPTED the motion, with one abstention.

Mr. Verrijn Stuart presented document (GA London 79/TC 8-1) and requested approval of a TC 8 / WG 8.1 / WG 8.2 Working Conference on "Evolutionary Information Systems" (Budapest, Hungary, September 1981) with a grant of SFr. 5,000 in 1980 to cover the initial expenses.

General Assembly ADOPTED the event and the grant, with one abstention.

The President thanked Mr. Verrijn Stuart for the enthusiasm with which he handled the TC 8 activities.

#### 11.7 TC 9 (Relationship between Computers and Society)

Mr. Boyd referred to Mr. Gotlieb's Annual Report and said TC 9 had met twice during 1979, in February and in June.

Mr. Boyd drew attention to the success of the December 1978 Conference (with TC 5) on "Socio-Technical Aspects of Computers" and the June 1979 2<sup>nd</sup> Conference on "Human Choice and Computers". Proceedings would be available from North-Holland. Mr. Boyd said that Mr. Gotlieb particularly wished to thank Mr. Margulies, the OC Chairman of the 2<sup>nd</sup> HCC.

Mr. Boyd pointed out that the TC 9 Newsletter would still be an informal document and the rotating Editorship plan appeared to be effective.

Mr. Boyd mentioned that a sub-committee had been appointed by TC 9 to review its accomplishments and its Working Groups and to re-examine the goals and structure. A report would probably be available by the next General Assembly.

As to future events, TC 9 was planning two meetings in 1980: the first in April in Yugoslavia in conjunction with the Working Groups and the second in October in Australia. TC 9 had accepted an invitation from TC 3 to co-sponsor a WC in 1983 on "Education in the System Designer/User Inter-face".

General Assembly NOTED the report with thanks to Mr. Boyd and to Mr. Gotlieb.

11.8 TC 10 (Digital Systems Design)

Mr. Piloty referred to his Annual Report and said the main event since the last General Assembly had been the joint TC 10 and Working Group meeting in February in Toulouse. The main objective was to structure the Working Groups, nominate Officers, examine the Aims and Scopes, discuss membership and further action.

The following Chairmen were recommended:

- WG 10.1 Mr. Blaauw
- WG 10.2 Mr. Barbacci
- WG 10.3 Mr. Jensen

These gentlemen have already been appointed by Mr. Ando, cognizant Officer.

Mr. Piloty advised that no changes had been made in the Aims and Scope of WG 10.1 (System Concepts and Characteristics), but changes had been proposed for WG 10.2, including a new title (Digital Systems Descriptions and Design Tools) and for WG 10.3 (Software/Hardware Interrelation).

Mr. van der Veer moved to accept the changes in the Aims and Scope of WG 10.2 and WG 10.3 and the WG 10.2 title (refer Appendices 5 and 6 of the Minutes).

General Assembly ADOPTED the motion, with one abstention.

Mr. Piloty drew attention to the Working Conference on "Reliable Computing and Fault Tolerance" taking place in conjunction with Euro-IFIP 79. He added the WG 10.3 would take the responsibility of participating in the Conference on "Reliable and Fault Tolerant Computing" being organized in Japan in 1980 by IEEE Chapter and IPSJ.

Mr. Piloty gave a briefing on the activities in which TC 10 and its Working Groups had been asked to become involved.

Mr. Renard moved that the following events be approved:

- WG 10.3 Workshop in conjunction with International Conference on "Distributed Computing Systems" (Huntsville, Alabama, U.S.A., 5 - 6 October 1979)  
in conjunction with International Symposium on "Computer Architecture"  
(La Baule, France, 9 – 10 May 1980)
- WG 10.2 Workshop "Problem Areas in Digital System Description and Design Tools", and
- WG 10.3 Workshop "Hardware / Firmware / Software Trade-offs in Operating System Implementation".

General Assembly ADOPTED the motion.

Mr. Piloty said TC 10 would like to co-sponsor International Conferences on "Distributed Computing Systems".

Action

It was recommended that details be presented to the next Council Meeting for approval.

Mr. Piloty remarked on the TC 2 / TC 10 Working Conference on "Firmware, Microprogramming and Restructurable Hardware" (refer Agenda item 10.1)

The President thanked Mr. Piloty for his efforts in activating TC 10 and its Working Groups.

12. IAPR

Mr. Freeman referred to his Annual Report and commented on the success of the 4<sup>th</sup> International Joint Conference on "Pattern Recognition" held in Kyoto, Japan in November 1978. There were 543 participants from 24 countries.

Mr. Freeman said the 5<sup>th</sup> IJCPR was scheduled for December 1980 in Miami, U.S.A. and the 6<sup>th</sup> for early October 1982 in Munich, Federal Republic of Germany.

Mr. Freeman pointed out that the IAPR Newsletter was published on a quarterly basis and copies were being sent to General Assembly Members via the IFIP Secretariat.

Mr. Freeman drew attention to the 1<sup>st</sup> Scandinavian Conference on "Image Analyses", cosponsored by IAPR, and planned for 14-16 January 1980 in Linköping, Sweden.

General Assembly NOTED the report.

13. IASC

Mr. Muller presented his report (GA London 79/IASC) and gave a briefing on IASC activities. He said IASC was committed to helping professionals interested in statistical computing who lived in developing countries and, in this regard, looked forward to a cooperation with ICIL / ICID.

Mr. Muller remarked that IASC had established some Working Groups and felt it could learn from IFIP an how to keep members active and effective.

General Assembly NOTED the report.

14. IAG

Mr. Sibley referred to his Annual Report and drew attention to the annexed balance sheet as per 31 December 1978 showing a surplus of Fl. 25,000.

Mr. Sibley said IAG held its 12<sup>th</sup> General Conference in Paris, France in June where the issues of finances, activities, partnership, publications, etc. had been discussed.

Mr. Sibley presented IAG's proposed budget for 1980 indicating a slight surplus of Fl. 4,000 and pointed out that IAG had lost 26 partners during the past year. He mentioned that the partnership fees did not meet the IAG Secretariat costs.

Following examination of the financial results and future outlook, the President moved that the proposed IAG 1980 budget be approved.

General Assembly APPROVED the budget, with eight objections.

Mr. Sibley put forward the proposed Activities Programme and certain General Assembly Members stressed the desire for a wider geographical coverage. Mr. Tanaka remarked that IAG was doing a good job in trying to present Seminars on specialized topics in a market being served by other organizations.

Mr. de Oliveira proposed that General Assembly approve the Activities Programme.

General Assembly APPROVED, with five abstentions.

Mr. Sibley commented on IAG's principal publications: "Information and Management" – of which two issues had been published in 1979 and two more were in press.

Action

He requested General Assembly Members to encourage their National Society members to submit papers for this journal. "IAG Communications" was published four times a year and the third 1979 issue was now being processed.

Mr. Sibley outlined the rather pessimistic current and future state of affairs of IAG and drew attention to a statement of Mr. Duyverman expressing the strong wish, especially among the Dutch partners, for partner voting rights and the desire that a solution be found although it would conflict with the IFIP rules. Mr. Sibley feared the resignation of the Dutch partners if the matter were not resolved.

Action

Following long discussion on the situation, the President proposed that General Assembly await the findings of the IAG Review Committee before taking any decisions, and requested Mr. Sibley to advise the partners accordingly.



15. TC 4 / IMIA

Mr. Shires, IMIA General Secretary, introduced Mr. Fernandez P. de Talens, IMIA Treasurer, and presented his report (GA London 79/IMIA).

Mr. Shires advised that the IMIA General Conference had just taken place in Berlin attended by 27 delegates from 15 countries as well as representatives from the World Health Organization and the World Medical Association. IMIA had thus far admitted 14 national members and a new category of Institutional membership had been approved. IMIA had drafted a new policy for scientific conferences and, apart from normal Proceedings, would sponsor an established scientific medical journal.

Mr. Shires confirmed the publication of the IMIA Bylaws and Information Brochure, copies of which would be sent to every General Assembly Member.

Action

He advised his election as Chairman-Elect and Mr. Peterson as Vice Chairman-Elect.

Mr. Shires mentioned IMIA's intent to liaise with the European Federation for Medical Informatics (EFMI) and to organize certain international activities through such a regional body. He drew attention to IMIA's pending application for affiliation with the Council for International Organizations of Medical Sciences (CIOMS) and to WHO's cooperation on several TC 4 / IMIA activities. It was hoped that WHO would sponsor some future events and Mr. Shires confirmed IMIA delegates participation at certain WHO meetings.

Mr. Shires said IMIA had four Working Groups and had established WG 5 on "Health Informatics in Ambulatory Care" at the Berlin General Conference which would become very active. All Working Groups would be reviewed on a regular basis.

Mr. Shires spoke of the successful Working Conferences which had taken place during the year and presented IMIA's 6-Years Plan.

General Assembly unanimously APPROVED the programme of activities as presented in the IMIA 6-Years Plan.

Mr. Shires presented IMIA's proposed budget 1980 – 1982 and requested IFIP to accord an IMIA establishment grant in these three years of respectively SFr. 30,000, SFr. 20,000 and SFr. 10,000.-. Mr. Tuori explained the financial principles and, in the light of TC 4 / IMIA 1978 and 1979 expenses, supported this formula. Mr. Shires and Mr. Fernandez P. de Talens answered queries on the budget to the satisfaction of the General Assembly.

General Assembly unanimously APPROVED IMIA's proposed budget 1980 – 1982 including the establishment grant.

The President thanked Mr. Shires for his very concise report and, on behalf of IFIP, wished IMIA every success in its future activities.

16. MEDINFO 77 FINANCIAL REPORT

Mr. Tuori recalled that the final accounts had been received at the Bratislava Council Meeting, but it was not clear if they had been audited. In the meantime, Mr. Finch had confirmed that this was so and Mr. Tuori said Council now regarded this matter as closed.

17. MEDINFO 80

17.1 Organizing Committee

Mr. Oshima introduced Mr. Kaihara, IMIA Trustee and Medinfo 80 OC member. Mr. Kaihara confirmed that plans were progressing satisfactorily and drew attention to the Second Announcement which had just been disseminated and to the Exhibition which was being organized by a Joint Committee of Medinfo 80 and Congress 80.

Mr. Renard confirmed that all queries concerning Medinfo 80's proposed budget had been clarified and he requested General Assembly to approve the Medinfo 80 budget, September 1979, established in Yen.

General Assembly unanimously APPROVED the budget.

17.2 Programme Committee

Mr. Kaihara referred to Mr. Collen's Annual Report and confirmed that 28 Programme Sessions and 8 Evening Workshops had been approved. A second Call for Papers had been disseminated.

18. CONGRESS 80

18.1 Organizing Committee - Australia

Mr. Goldsworthy referred to his Annual Report and said he would underline a few salient points.

Action

Mr. Goldsworthy indicated that three publicity brochures had been produced and OC would greatly appreciate feedback from the General Assembly Members as to their effectiveness and whether they were reaching the right people. The next brochure, to be mailed in November 1979, would contain a preliminary registration form to enable Early Bird registration of SFr. 400 prior to 30 June 1980 and an increase of 10 % thereafter.

Mr. Goldsworthy remarked on the extensive publicity campaign carried out at NCC 1978 and 1979 and confirmed there would be a booth at Euro-IFIP 79.

Action

He urged all General Assembly Members to see that Congress 80 was publicized at their national events and asked them to check and confirm that the Liaison Officers were doing their job.

Mr. Goldsworthy confirmed that the final registration form with details and costs of social events would be circulated in March/April 1980.

Mr. Goldsworthy commented on the ancillary activities: Seminars on "Computers in the Mining Industry" and "Computers in Developing Nations" and hoped that through ICID, UNESCO would make funds available for participants from developing countries to attend the latter Seminar. The Junior World Computer Congress was well under control as were plans for the Computer Chess Championships, Computer Art Competition and Music Concert.

Mr. Goldsworthy announced that the Exhibition had far exceeded expectations. The original plan was to have 60,000 square feet, but it was now 120,000 square feet.

Mr. Goldsworthy remarked on the continued excellent liaison with the Japanese colleagues.

In reply to a query of Mr. Morris, Mr. Goldsworthy confirmed that as Congress drew closer, press releases would be issued. They would be distributed to the Liaison Officers for subsequent dissemination to appropriate media.

Action

It was moved that all General Assembly Members investigate the preparing of their respective countries for Congress 80, to assess what needs to be accomplished and to establish contact with the OC-A and J Chairmen as necessary.

General Assembly unanimously ADOPTED the motion.

Action

Mr. Goldsworthy suggested that member Societies get together with the officially-appointed travel agents to see what package deal arrangements could be worked out.

Mr. Goldsworthy presented the OC-A budget (GA London 79/C80 OC-A) showing the position at September 1979 against March 1979 with relatively little change.

General Assembly NOTED with thanks the report of the C80 OC-A Chairman.

## 18.2 Organizing Committee – Japan

Mr. Ozeki presented his report (CGA London 79/C80 OC-J) and confirmed that OC-J had been holding regular monthly meetings; four membership changes had taken place in the last few months due to inevitable causes. He added that supporting funds had been received through the activity of the Advisory and Supporting Committee composed of more than 50 nominated persons representing all areas of computer-related organizations: academic, governmental and industrial.

As indicated at the Bratislava Council Meeting, a new Technical Session site had been chosen – “Sunshine City” which offered more favourable conditions than the previous site.

Mr. Ozeki remarked that the Joint Exhibition, subtitled “Information Processing Systems for Launching the New Decade”, would be held at the Tokyo Trade Center at Harumi. OC-J had entrusted JEIDA with the preparation and management of same.

A plan of the Congress and Joint Exhibition Sites is contained in Appendix III of the report.

Mr. Ozeki drew attention to the OC-J budget as at September 1979 which had been updated by recent changes and currency fluctuation.

Mr. Ozeki gave a briefing on the opening ceremony, social programme and special events.

Mr. Takeshita, Publicity Manager, said he had written to each Member Society, et al, requesting confirmation of receipt of publicity material. He had only received replies from the Federal Republic of Germany, IFIP Secretariat and IFIP Foundation.

### Action

He underlined the expense invested in the publicity material and called upon the General Assembly Members and Member Societies for their collaboration.

Mr. Takeshita said requests had been received from individual people for further information on Congress 80 and he proposed that this be handled by the respective Member Society to which he would give the addresses.

### Action

Mr. Auerbach pointed out the excellent low-cost mailing service offered by KLM out of Schipol Airport and the President requested Mr. Zich to follow up on this matter and advise Mr Takeshita accordingly.

General Assembly NOTED the report of the OC-J with thanks to Messrs. Ozeki and Takeshita.

## 18.3 Programme Committee

Mr. Sumner presented the list of 41 invited speakers and said that 38 had agreed to submit their papers at both sites at which there would be two parallel sessions of invited papers.

He confirmed the hard-working efforts of the Area Chairmen and announced that 25 Panel Chairmen had already been selected.

Mr. Sumner stated that PC would hold a meeting 3 – 8 March 1980 in Amsterdam and a decision on accepted papers for inclusion in the programme would be made at that time.

Mr. Sumner said there would be press releases of the content of the programme as information came to hand and these would probably be handled by OC.

General Assembly APPROVED the comments of Mr. Sumner with thanks to him and his Committee on the good results achieved thus far.

## 19. EURO- IFIP 79

### 19.1 Organizing Committee

Mr. Fisher referred to his Annual Report and announced that as at 21 September, approximately 800 delegates had registered and break-even point was thus ensured. 77 submitted speakers, 26 invited speakers and over 30 panelists and chairmen would bring the Euro-IFIP 79 attendance to well over 1,000 people. Mr. Fisher regretted that only about five General Assembly Members had registered for Euro-IFIP 79 and hoped there would be last-minute participants. Mr. Fisher indicated that bulk bookings

had been received from Norway and the U.K. and Mr. Tanaka confirmed that UNESCO was subsidizing 20 registrations, earmarked for participants from developing countries.

The President thanked Mr. Fisher for his comments and hoped that Euro-IFIP 79 would be successful.

## 19.2 Programme Committee

Mr. Overgaard referred to his Annual Report and to document (GA London 79/Euro-IFIP 79 PC). He indicated that IAG and most TC's would be presented to provide the audience with a good understanding of the wide spectrum of IFIP activities.

Mr. Overgaard said there had been some difficulty in composing the last part of the programme, but there would be very few changes to the printed programme.

Mr. Overgaard referred to the excellent services of the IFIP Foundation which acted as the PC Secretariat and to the cooperative competence of Online Conferences Ltd.

The President extended the thanks of IFIP to Mr. Overgaard and his Committee and remarked that the Proceedings would be subsequently published by North-Holland.

## 20. WCCE 81 (3<sup>rd</sup> WORLD CONF. ON COMPUTERS IN EDUCATION)

### 20.1 Organizing Committee

Mr. Immer presented his report (CGA London 79/WCCE 81 /OC-1) and advised that the Organizing Committee, composed of 12 members, was based in Lausanne. The first meeting took place in January 1979 with the participation of the President.

Mr. Immer stated that ASSPA (Swiss Member Society) was sponsoring the organization.

The Conference lieu was the Palais de Beaulieu and Mr. Immer said an attendance of between 800 and 1,000 participants was anticipated, based on the experience of the foregoing WCCE's in Amsterdam (800) and Marseilles (1,014).

Mr. Immer indicated that an Exhibition was being considered and would only take place should a beneficial result be expected.

Mr. Immer said that it was planned to produce the Preliminary Programme with an Early Bird registration form in May 1980 and the Final Programme with normal registration form in April 1981. Press releases would also be disseminated.

#### Action

Mr. Immer requested the collaboration of the Member Societies in disseminating publicity and remarked that liaison officers were being appointed.

Mr. Immer presented the WCCE 81 budget with two variants and a proposed registration fee of SFr. 250 per person including the Proceedings. An Early Bird registration fee of SFr. 200 was envisaged.

#### Action

Discussion ensued on the presentation of the registrations income and Mr. Tanaka moved that OC be asked to divide the registrations schedule to take into account Early Bird, normal, bulk and student registration with an average participation of 800 persons so that the budget is balanced, excluding the Exhibition.

General Assembly unanimously ADOPTED the motion.

Mr. Immer confirmed that the organizers had local guarantees in case of a deficit.

### 20.2 Programme Committee

Mr. Levrat presented his report (CGA London 79/WCCE 81 /PC) and advised that the composition of his Committee had been completed, with the exception of a Brazilian representative, at the time of the printing of the Call for Papers. Mr. Levrat proffered the PC's apologies to the IBI representative, Mr. Piera, whose name was misspelled.

Mr. Levrat said that the first PC meeting had taken place in Ghent in April 1979 when the Call for Papers were prepared. 100,000 in English and 20,000 in French were subsequently printed and dissemination was taking place.

Mr. Levrat remarked that the TC 3 Working Groups were being given a more active role in the Conference, at their request, and they would designate Area Chairmen and organize sessions for Instructional Techniques, The Impact of New Technologies and Social Impacts. UNESCO and IBI would play the same role for Reviews of National Policies and Models of Computer Education, with special emphasis on the Needs of Developing Countries under the coordination of the TC 3 Chairman.

Mr. Levrat announced that Messrs. Lewis and Tagg had accepted to edit the Proceedings and Mr. Levrat recalled that Mr. Lewis had edited the Marseilles Proceedings.

Mr. Levrat presented the Guidelines for a World Competition in Programming for high-school students, based on an initiative of Mr. Chevion. He said the first prize winner of each national competition would be invited to Lausanne where he would receive free WCCE 81 registration and two nights' free accommodation. It was planned to hold an exhibition of the work of these students.

Action

Mr. Morris moved that General Assembly approve the Guidelines of this Competition on condition that a more suitable title be found (e.g. Youth Programming Championships).

General Assembly ADOPTED the motion, with two abstentions.

Action

It was moved that each general Assembly Member must draw the attention of his Society to this Competition

General Assembly unanimously ADOPTED the motion.

The President thanked Messrs. Immer and Levrat for their presentation and wished them every success in their activities.

## 21. SOUTH EAST ASIA REGIONAL COMPUTER CONFEDERATION (SEARCC)

Mr. Ando presented his report (CGA London 79/SEARCC) and said that SEARCC was planning a third Conference – SEARCC 80 with the theme “Computer Technology and Management of Information for National Development and Regional Cooperation” – to take place in Jakarta, Indonesia the week following the Melbourne half of Congress 80.

Mr. Ando remarked that SEARCC now comprised seven members and hoped to establish its permanent Secretariat in Singapore under the direction of Mr. Iau.

Mr. Ando reiterated SEARCC's interest in establishing a relationship with IFIP.

General Assembly NOTED the report with thanks to Mr. Ando and the President hoped he would continue his function as IFIP Liaison Officer with SERACC.

## 22. OTHER EVENTS

## 23. FUTURE MEETINGS

The President announced that the Bulgarian Member Society had kindly offered to host the next Council Meeting and had proposed the date of 17 – 21 February 1980. However, in view of the C80 PC meeting scheduled for early March, the President kindly asked Mr. Iliev if the following schedule would be acceptable:

Monday and Tuesday,	10 and 11 March:	APC/FPC Meeting
Wednesday morning,	12 March:	Executive Body
Wednesday afternoon,	12 March:	Council
Thursday and Friday,	13 and 14 March:	Council

Action

Mr. Iliev said he would have to check with his Society and would duly advise the President.

Mr. Zich recalled the timing of the subsequent Council and General Assembly Meetings:

Saturday and Sunday, 4 and 5 October: Council – Tokyo

Saturday – Monday, 11 – 13 October: GA - Melbourne

Action

and confirmed that a detailed schedule would be established at the Sofia Council Meeting.

24. OTHER GENERAL ASSEMBLY BUSINESS

The President said he would be confirming and / or appointing Standing and Ad Hoc Committee Chairmen and membership. However, he wished to express his appreciation to Mr. Narasimhan, who had asked to resign as Admissions Committee Chairman, for his long activity. He welcomed Mr. Melbye into this function.

25. CLOSING OF MEETING (23:00)

The President expressed his thanks for the individual contributions and his appreciation to The British Computer Society for their hospitality.

The President declared the Meeting closed.

## APPENDIX 1

### GUIDELINES FOR IFIP REVIEW COMMITTEE (RC)

#### Introduction:

Almost all scientific activities of IFIP are concentrated in Technical Committees (TC), Special Interest Groups (SIG) and their associated Working Groups (WG). The aims, their scopes, and programs of work of TCs and their WGs, and SIGs are defined and approved by the General Assembly.

To support the activities and efforts of TCs, WGs, And SIGs, and to ensure that the objectives are met, regular scrutinizing of the TCs, WGs, and SIGs is necessary. The goal of a review is to reveal problems, to help, and to spread out experience. Although all TC, WG, and SIG members are operating on a voluntary basis it should be understood that membership of TCs and WGs is an honour and carries obligations.

#### Appointment and Composition of RC:

Regular reviews will be made of all TCs, SIGs. The period between reviews shall not exceed 6 years. APC may request special reviews. The Review Committee for a TC or a SIG will be appointed by the President, approved by the General Assembly, and consists of:

1. GA member as Chairman
2. TC (or SIG) Chairman
3. a member of APC
4. an outside expert

Committee members according to 1,3,4 shall not have any affiliation to the reviewed.

#### Operation:

The RC Chairman requests written information from the TC Chairman and the Cognizant Council member.

1. This request mainly consists of a checklist similar to that appended and is aimed at establishing
  - a) optimum spread of activities
  - b) avoidance of overlapping
  - c) identification of areas in which IFIP should be active
  - d) identification of inactivity (or to stop activity) in certain areas
  - e) measurement of productivity and general penetration.
2. The Chairman of the RC shall distribute this material, with any recent reports such as financial, working group, conference proceedings, etc. and other written annual presentations, to the committee members. The Chairman shall also provide the outside expert with relevant background material on the objectives and constitution of IFIP and the reviewed. National societies of all member countries shall be contacted for written input. The Chairman should endeavour to obtain as much information about the activities of the respective TC/SIG as possible.
3. A draft of the written RC report should be discussed (at a meeting or by mail), and revised by all RC members. This report should contain statements whether the reviewed TC (or SIG) reached or is making progress towards its objectives, or not.
4. In the latter case suggestions for remedial actions (including proposals for the next review within 18 months), and possibly new objectives and action plans should be prepared in co-operation with the cognizant Council member and presented. Positive experience of the TC (or SIG) should be emphasized, too.
5. The written RC report is passed to APC including copies of all checklists as an appendix. APC will distribute this (eventually completed with further recommendations) to the Council members and the members of the reviewed TC (or SIG).

6. The President presents this report together with the recommendations of the Council to the next meeting of the General Assembly for approval and further action.

#### CHECKLIST OF QUESTION THAT MAY BE ADDRESSED BY THE REVIEW COMMITTEE

The checklist is divided in 7 items as below:

- composition
- financial
- objectives
- performance
- penetration
- spread of activities
- general

1. Composition

- Representation of countries
- Attendance by country
- Most active people in WG ?
- Does TC/WG have the "leaders" in their respective area involved.  
If not, who should be recruited to participate ?

2. Financial

- Finance situation
- Is the TC / WG self supporting ?
- Is this an area that IFIP should utilize to raise its income ?

3. Objectives

- Six year plan
- What are the objectives ?
- Are objectives regularly reviewed by TC (expansion / contraction or activities foreseen)

4. Performance

- Are objectives evaluated regularly ?
- What has been achieved in terms of products

books  
documents  
proceedings  
submissions  
conferences  
seminars  
geographical balance of activities

- Feedback member societies obtained ?
- Any inactive areas ?
- Administrative performance
- How does TC review WH performance
- Minutes of meetings
- Dissemination of information

5. Penetration

- In member countries
- In developing countries
- Congress contributions
- What has been achieved for IFIP
- External visibility outside IFIP
- External influence e.g. on ISO, CCITT, etc.



6. Spread of activities

- How is liaison with other TC's, WG's
- How is liaison with national bodies
- Overlapping of activities in field too large ?  
(could lead to formation;  
too small ? new SIG etc.)
- What areas do you feel your committees should be covering  
but have been unable to do so and why

7. General

- What is your main problem ?
- Why should you continue ?
- Should TC be changed to SIG ?

APPENDIX 2

IFIP

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The signed statement must be received by the Editor's office, or the office listed below, before the manuscript can be accepted for publication.

## APPENDIX 3

### WG 6.4 – Local Computer Networks

#### AIMS

To organize interest and promote exchange of information on networks of locally distributed digital computers.

To develop recommendations for international standardization of local computer networking technology.

#### SCOPE

Local computer networks are “local” in that the distances over which communication takes place are limited, say between 10 meters and 10,000 meters. The “computers” in local computer networks are the devices requiring and providing transmission of data, both large and small, in terminals, in large central processing systems. The “networks” in local computer networks employ a variety of media, including twisted pairs, coaxial cable, fiber optics, local radio, and others; it is envisioned that the working group will focus its investigations on networks with data rates above 100 kilobits per second. The role of protocols in local computer networks and the interconnection of local computer networks with remote computer networks are important considerations.

#### CHAIRMAN

Gregory HOPKINS  
MITRE, POB 208  
BEDFORD, Mass. 01730, USA

## APPENDIX 4

WG 6.5 - International Computer Message Systems

### AIMS and SCOPE

Computer mediated messaging is a rapidly emerging service area. Messages may be processed, stored, and transmitted between users potentially within the jurisdiction of separate carriers, computer systems, and/or computer networks. Technical, economical, and political issues need to be resolved in order for a viable international computer message service to develop. This working group will concentrate on standards for data structures, addressing, and higher level protocols to effect international computer mediated message services. Such a service should impact existing international postal and communication agreements, and economics of the world-wide communication system. Results of the work will be made available to individuals and organizations concerned, such as users, manufacturers, common carriers, PTT's, ISO, and CCITT.

### CHAIRMAN

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## APPENDIX 5

### TITLE, AIMS AND SCOPE OF WORKING GROUP 10-2

Title: Digital Systems Descriptions and Design Tools

Aims and Scope:

1. Explore problem areas and solutions in the specification of design languages which allow the description of all phases of the design from complex system architecture down to the level of elementary building blocks in a consistent way.
2. Explore problem areas and solutions in the development of design automation tools based on these design languages.
3. Bring together practitioners in these fields from both academy and industry and provide a forum for interchange of ideas in these areas.

The work of the group will include the following tasks in furthering the area of its scope:

1. Survey and appraisal of languages and tools for specification, description, simulation, testing, verification, synthesis, evaluation and documentation of digital systems.
2. Consideration of the impact of system design specifications on the hardware design.
3. Interaction between design tools and design methodology.
4. Study of the relationship between and integration of design tools.
5. Recommend specifications for design tool development.

## APPENDIX 6

Aims and Scope - WG 10-3

Title: Software / Hardware Interrelation

### Aim

The aim is innovation in digital systems, having one or more computing elements, in order to improve the quality of attributes such as cost, reliability, performance, programmability, extensibility and function.

Such innovation is to be sought by considering the interrelation of Software / Firmware / Hardware in specification, design and implementation.

### Scope

The scope of the Working Group includes:

- explore problem areas and solutions pertaining to the interrelation between the hardware functions in systems ranging from microprocessor systems up to large-scale data processing systems, and the software functions in systems such as supervisors, data management, language translators, I/O systems, and user interfaces;
- evaluation of the implications of trends in
  - (a) technology
  - & (b) computer organisationOn the interrelation of Software (Firmware / Hardware);
- evaluation of the implication of this interrelation on the trends in computer technology and architecture
- development of principles and techniques, for the specification, design and implementation (of digital systems) which facilitate the Software / Firmware / Hardware trade-off;
- consideration of methods to meet special requirements and applications.

## ACTION POINTS

<u>Agenda Item</u>	<u>Action Required By</u>
C 4	Mr. Tanaka
C 4	Publications Committee
C 4	Secretariat
GA 4	General Assembly Members
GA 5	Everyone
GA 8.3	Mr. Tuori
GA 8.5	Mr. Tuori / Secretariat
GA 8.6	Mr. Tuori / Secretariat
GA 9	President
GA 9	Everyone
GA 10.1	General Assembly Members
GA 10.1	Mr. Lehmann / Secretariat
GA 10.2	Japanese + Australian OC's
GA 10.2	President
GA 10.2	Mr. Morris / Mr. Sibley
GA 10.3	Everyone
GA 10.4	President / Secretariat
GA 10.4	TC and SIG Chairmen, et al
GA 10.4	Mr. Zich
GA 10.4	President
GA 10.5	Public Information Committee
GA 10.5	TC and SIG Chairmen, et al
GA 10.5	General Assembly Members
GA 10.6	Mr. Lehmann / Secretariat
GA 10.6	Publications Committee
GA 10.7	General Assembly Members
GA 10.7	Member Societies
GA 10.8	Mr. Bennett
GA 10.9	Mr. Lehmann
GA 10.9	Mr. Lehmann / Secretariat
GA 10.13	Mr. Renard
GA 10.13	Mr. Renard
GA 10.13	President
GA 11.2	General Assembly Members
GA 11.3	President
GA 11.4	General Assembly Members
GA 11.4	Mr. Lehmann / Secretariat / Treasurer
GA 11.5	Activity Planning Committee
GA 14	General Assembly Members
GA 14	Mr. Sibley
GA 15	Mr. Shires
GA 18.1	General Assembly Members
GA 18.1	General Assembly Members
GA 18.1	General Assembly Members
GA 18.1	Member Societies
GA 18.2	General Assembly Members / Societies
GA 18.2	Mr. Zich
GA 20.1	Member Societies
GA 20.1	WCCE 81 OC
GA 20.2	WCCE 81 PC
GA 20.2	General Assembly Members
GA 23	Mr. Iliev
GA 23	Mr. Zich