

# IFIP

Minutes of the Council and General Assembly Meetings

12 – 15 September 1978

OSLO, NORWAY

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## COUNCIL AND GENERAL ASSEMBLY MEETINGS

Oslo, Norway - 12 / 15 September 1978

### I N D E X

HIGHLIGHTS COUNCIL AND GENERAL ASSEMBLY MEETINGS

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Note the Action Points in the margins.  
They are not listed separately since  
they were distributed in October 1978  
together with the Highlights and Events  
Approved. The Highlights are, however,  
mentioned again for your convenience.

## COUNCIL AND GENERAL ASSEMBLY MEETINGS

Oslo, Norway - 12 / 15 September 1978

### HIGHLIGHTS

#### ELECTIONS

K. Ando	(Japan)	was elected Vice-President for a three-year term
J. Tuori	(Finland)	was re-elected Treasurer for a three-year term
O. Zich	(Austria)	was elected Secretary for a three-year term
A.A. Dorodnicyn	(U.S.S.R.)	was elected Vice-President for a three-year term
G.N. Boyd	(Canada)	was re-elected Trustee for a three-year term
L. Iliev	(Bulgaria)	was elected Trustee for a three-year term
J.M.Bennett	(Australia)	was elected Trustee for a two-year term
R.C. de Oliveira	(Brazil)	was elected Trustee for a one-year term

#### IFIP COUNCIL COMPOSITION:

P.A. Bobillier	(Switzerland)	President	1977/1980
P.Renard	(France)	Vice-President	1976-1979
A.A. Dorodnicyn	(U.S.S.R.)	Vice-President	1977/1980
K. Ando	(Japan)	Vice-President	1978/1981
J. Tuori	(Finland)	Treasurer	1978/1981
O. Zich	(Austria)	Secretary	1978/1981
N.J. Lehmann	(G.D.R.)	Trustee	1976/1979
G.J. Morris	(U.K.)	Trustee	1977/1979
R. Narasimhan	(India)	Trustee	1977/1980
R. Piloty	(F.R.G.)	Trustee	1977/1980
R.C. de Oliveira	(Brazil)	Trustee	1978/1979
J.M.Bennett	(Australia)	Trustee	1978/1980
G.N. Boyd	(Canada)	Trustee	1978-1981
L. Iliev	(Bulgaria)	Trustee	1978-1981

#### ORGANIZATION OF RESPONSIBILITIES:

P.Renard	Cognizant for TC 4 / IMIA
A.A. Dorodnicyn	Cognizant for TC 7
K. Ando	Cognizant for TC 10
G.J. Morris	Cognizant for TC 3
R.C. de Oliveira	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

## ADMISSIONS

- Mr. D. Chevion (Israel) - was admitted as an Individual Member for a three-year term, effective immediately
- International Association for Statistical Computing (IASC) - was admitted as an Affiliate Member, effective immediately
- Argentina - Sociedad Argentina de Informatica e Investigacion Operativa (SADIO) was admitted as a Full Member
- Iraq - The National Computer Centre was admitted as a Full Member
- Tunesia - Centre National de l'Informatique was admitted as a Full Member

## WORKING GROUPS

The following Working Groups were formally approved –

- WG 5.7 (Automation of Production Planning and Control)
- WG 10.1 (System Concepts and Characteristics)
- WG 10.2 (Hardware Description Language and Design Automation)
- WG 10.3 (Software / Hardware Interrelation)

## CHAIRMAN APPOINTMENTS

### Technical Committees

- TC 3 - Prof. J. Hebenstreit
- TC 7 - Prof. Stoer

### Working Groups

- WG 3.1 - Mr. B. Lovis
- WG 3.4 - Mr. P. Raymont
- WG 5.1 - Prof. J. B. Schneider
- WG 5.3 - Dr. D. Kochan
- WG 5.7 - Dr. A. Rolstadas
- WG 7.1 - Prof. A. V. Balakrishnan
- WG 7.3 - Prof. E. Gelenbe

## STANDING COMMITTEES

- Activity Planning Committee: Mr. G.D. van der Veer
- Admissions Committee: Prof. R. Narasimhan
- Congress Guidelines Committee: Mr. F. Genuys
- Finance Committee: Mr. G.N. Boyd
- ICIL: Dr. R.I. Tanaka
- Publications Committee: Prof. H. Zemanek
- Public Information Committee: Mr. G.J. Morris
- Regional Conference Policy Committee: Prof. J.M. Bennett
- Statutes and Bylaws Committee: Prof. N.J. Lehmann

## AD HOC COMMITTEES

- IFIP 20<sup>th</sup> Anniversary Committee: Prof. H. Zemanek
- Future Policy Committee: Prof. R. Narasimhan
- UNESCO 7 IFIP Committee for Development: Dr. R.I. Tanaka / ICIL
- Committee to revise the "IFIP Guide to Concepts and Terms in DP" Mr. I.H. Gould
- Nominations Committee for Officers: Prof. H. Zemanek
- Nominations Committee for Trustees: Prof. R. Piloty

OTHER

- IFIP Representative – South East Asia  
Regional Computer Confederation: K. Ando

FUTURE COUNCIL AND GENERAL ASSEMBLY MEETINGS

- 1979 Bratislava Council 26 – 28 March
- 1979 London Council and General Assembly: 21 – 24 September
- 1980 Council (first quarter): open
- 1980 Tokyo Council: 4 - 5 October  
Melbourne General Assembly: 11 – 13 October

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## COUNCIL MEETING

Oslo, Norway - 12 / 15 September 1978

ATTENDANCECOUNCIL Members Present

P.A. Bobillier	President
R.I. Tanaka	Past-President
J.M. Bennett	Vice-President
P. Renard	Vice-President
A. A. Dorodnicyn	Vice-President
J. Tuori	Treasurer
H. Keilhau	Secretary
K. Ando	Trustee
G.N. Boyd	Trustee
N.J. Lehmann	Trustee
G.J. Morris	Trustee
R. Narasimhan	Trustee
J.E.D. Navez	Trustee
R. Piloty	Trustee

Observers Present

S. Sem-Sandberg	Trustee (outgoing)
H. Zemanek	Publications Committee Chairman

In Attendance

Elinor Alstad	Norwegian Computer Society
Gwyneth Roberts	IFIP Secretariat, Geneva

1. CALL MEETING TO ORDER

The President opened the Council Meeting and welcomed all participants.

Mr. Sem-Sandberg mentioned that he had finished his term as Trustee and would introduce Mr. Hernaes, the new Swedish representative, to the General Assembly.

2. APPROVAL OF AGENDA

Council unanimously APPROVED the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (C1-Bombay-78)

Council unanimously APPROVED the Bombay Minutes.

4. EXECUTIVE BODY REPORT

The President announced that the Executive Body had met separately and subsequently with a combined gathering of the Activity Planning Committee members, Technical Committee, IAG and Working Group Chairmen, and the content of the discussions would come out during the current Meeting. He also stated that the Council should avoid duplicating discussions which would be held later in the General Assembly Meeting.

5. TECHNICAL COMMITTEES, IAG, IAPR

5.1 TC 2 (Programming)

Mr. Tanaka said that no action was required by the Council and the TC 2 Chairman would be reporting directly to the General Assembly.

5.2 TC 3 (Education)

Mr. Morris indicated that the TC 3 Chairman, Mr. Wolbers, was completing a six-year term during which he had worked most arduously. Mr. Morris said that TC 3 unanimously proposed Mr. Hebenstreit as Mr. Wolbers' successor.

Council unanimously ACCEPTED Mr. Hebenstreit as the new TC 3 Chairman, to take office 1 January 1979.

5.3 TC 4 (Health Care and Biomedical Research)

Mr. Renard pointed out that the main item was the transformation of TC 4 into a SIG – "International Medical Informatics Association of IFIP (IMIA)" – if approved by the General Assembly. He underlined the work carried out by the AD Hoc Committee and the discussions held with the Statutes and Bylaws Committee in order to arrive at an agreement with TC 4.

Discussion ensued on the financial implications, the proposed SIG Bylaws and the possibility of TC 4 becoming an Affiliate Member as opposed to a SIG.

Summarizing, Mr. Renard said it appeared very important to create this Association.

Certain amendments were proposed in respect of the SIG Bylaws and Mr. Renard moved that the Council was ready to approve the transformation of TC 4 into a SIG, subject to amendment of the actual proposition.

Council ADOPTED the motion, with five abstentions.

5.4 TC 5 (Computer Applications in Technology)

Mr. Dorodnicyn stated that the TC 5 Chairman was proposing the establishment of a new Working Group 5.7 (Automation of Production Planning and Control) and the cancellation of Working Group 5.5 (Continuous Process Manufacturing). Mr. Dorodnicyn said that TC 5 had an extensive plan of activity and the Chairman would be reporting directly to the General Assembly.

5.5 TC 6 (Data Communication)

Mr. Bennett indicated that the TC 6 Chairman's Annual Report would be the report to the Generals Assembly, but Mr. Renard would present Teleinformatics' 79.

5.6 TC 7 (System Modelling and Optimization)

Mr. Dorodnicyn advised that the TC 7 Review Committee had made a draft report. However, the Executive Body had considered it insufficient and further work would be undertaken to make it more complete.

Mr. Dorodnicyn pointed out that the term of office of the TC 7 Chairman, Mr. Balakrishnan, was expiring and Mr. Stoer was proposed as his successor. However, Mr. Stoer could not take over until mid-1979 and it was suggested that Mr. Balakrishnan remain as Acting Chairman until that time.

Council unanimously ACCEPTED Mr. Stoer as the new TC 7 Chairman, to take office mid-1979.

5.7 TC 8 (Information Systems)

Mr. Boyd said that no action was required by the Council and the TC 8 Chairman would be reporting directly to the General Assembly.

5.8 TC 9 (Relationship between Computers and Society)

Mr. Bennett presented Mr. Gotlieb's apologies for not being able to attend the Generals Assembly Meeting. He added that no action was required by the Council.

5.9 TC10 (Digital Systems Design)

Mr. Renard announced that TC 10 would be requesting approval of three Working Groups and confirmed that APC was in favour of same, with a slight modification to the Scope of WG 10.2. Mr. Renard moved that Council recommend the General Assembly to approve the establishment of Working Groups 10.1, 10.2 and 10.3.

Council unanimously ADOPTED the motion, and thanked the TC 10 Chairman, Mr. Piloty, for his hard work.

5.10 IAG

Mr. Tanaka said that Mr. Sibley, IAG Chairman-Elect, would be presenting the IAG report to the General Assembly as Mr. Dixon was unable to attend.

Mr. Tanaka referred to the new IAG Journal "Information & Management" which was proving profitable, and indicated that the IAG financial results appeared much better than predicted a few months beforehand.

Mr. Tanaka mentioned that IAG had intended proposing approval of a revised Bylaw; however, the request was being withdrawn as there was some violation with the IFIP Statutes and Bylaws. It had been agreed that one item would be put forward for approval, namely, the subject of Corresponding Partners.

5.11 IAPR

It was noted that a report would be presented to the General Assembly.

6. COMMITTEE REPORTS

6.1 Activity Planning Committee

Mr. Renard said that no action was required by the Council. He remarked that Messrs. Chevion and Raben would be reporting directly to the General Assembly on the work of their respective Task Groups.

6.2 Admissions Committee

Mr. Narasimhan drew attention to his previously circulated reports (CGA OSLO 78/AC-1, 2 and 3) recommending the admission as Full Members of Iraq, Tunisia and Argentina. He referred to document (CGA OSLO 78/AC-4) recommending the admission of IASC as an Affiliate Member.

Council unanimously SUPPORTED Mr. Narasimhan's reports and gave hi a VOTE OF THANKS for his untiring efforts as Admissions Committee Chairman.

It was pointed out that Mr. Narasimhan's Committee members had not been very operational and the Committee would be reinforced following the General Assembly.

Mr. Tanaka gave background information on Mexico and said he would like the Council to recommend to the General Assembly that the Mexican admission situation be left in abeyance until the 1969 General Assembly Meeting. The President recommended the same treatment for Jamaica.

Council unanimously CONCURRED.

Mr. Narasimhan drew attention to a proposal from Mr. Bennett, that Mr. Chevion – the retiring Israeli representative – be admitted as an Individual Member for a three-year term.

Council unanimously SUPPORTED this proposal.

6.3 Congress Guidelines Committee

It was noted that a report would be presented to the General Assembly.

6.4 Finance Committee

Mr. Boyd indicated that he would be proposing a scheme to the General Assembly (refer document CGA OSLO 78/FC-1) whereby Member Societies might be solicited to hold conferences centred around an IFIP driven theme with an appropriate surplus-sharing arrangement.

6.5 Internal Awards Committee

Mr. Zemanek announced that appreciation gifts would be presented to the outgoing Officers: Mr. Iliev, Vice-President and Mr. Keilhau, Secretary.

6.6 IFIP Committee for International Liaison

Mr. Tanaka said that no action was required by the Council.

6.7 Publications Committee

Mr. Zemanek advised that he would be presenting a report to the General Assembly, but wished to draw attention to some concern expressed by the TC and WG Chairmen with regard to the price and quality of the IFIP books. PC would look into the question of cheaper editions with a possibility of improving circulation.

Mr. Zemanek gave information on the proposed Compact Journal (refer document CGA OSLO 78/PC-2).

Mr. Bennett moved recommending to the General Assembly to approve the Compact Journal experiment.

Council unanimously ADOPTED the motion.

Mr. Zemanek remarked on the copyright law change in the U.S.A. and suggested that copyright transfer from the author to IFIP should be required for all proceedings. He proposed recommending to the General Assembly that there be no exceptions to the IFIP copyright on IFIP books.

Council unanimously ACCEPTED the proposition.

The following Committee Reports did not require action by the Council and would be presented directly to the General Assembly:

- 6.8 Public Information Committee
- 6.9 Regional Conference Policy Committee
- 6.10 Statutes and Bylaws Committee
  - 6.10.1 Proposed Changes to IFIP Financial Standing Orders
- 6.11 Ad Hoc Committee on IFIP Operations
- 6.12 Ad Hoc Committee for Liaison with SEARCC
- 6.13 Ad Hoc Committee for the Transformation of TC 4
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- 6.16 Ad Hoc Committee for Nominations – Officers
- 6.17 Ad Hoc Committee for Nominations – Trustees
- 6.18 Ad Hoc Committee to Revise “IFIP Guide to Concepts and Terms in DP”

Mr. Zemanek said he had not received recent information from Mr. Gould, but, in view of the considerable amount of revision and addition necessary, the Committee felt that IFIP should perhaps consider revitalizing TC 1 on “Terminology”.

## 7. IFIP CONGRESSES

### 7.1 Congress 77 OC

Mr. Tanaka advised that Mr. Finch would be reporting directly to the General Assembly.

### 7.2 MEDINFO 77 OC

Mr. Tanaka expressed his dissatisfaction on the way the MEDINFO 77 financial matters were being dealt with. The President suggested that this question be discussed with Mr. Roukens at the General Assembly Meeting.

### 7.3 Congress 80 OC – Australia Congress 80 OC – Japan

Mr. Ando confirmed that the respective OC Chairmen would be presenting reports to the General Assembly.

### 7.4 Congress 80 PC

The President confirmed that a meeting of the Congress 80 Programme Committee was currently taking place in Amsterdam and Mr. Sumner, Chairman, would report to the General Assembly on the last day of the Meeting.

7.5 MEDINFO 80 OC

7.6 MEDINFO 80 PC

It was noted that reports would be presented to the General Assembly.

8. CONFERENCES

8.1 Euro – IFIP 79 OC

Mr. Fisher referred to his Annual Report and supplementary report to Council and General Assembly members. He outlined the situation to-date and called for discussion on the question of participation fee.

Following the discussion, the Council felt £ 80 would be a reasonable fee, with a discount for early bird registration and / or block bookings.

The President expressed his concern at the way the publicity of Euro-IFIP 79 was being handled and offered his assistance.

Mr. Fisher drew attention to the Fourth Software Engineering Conference scheduled for the week prior to Euro-IFIP 79 in Munich and feared it could have an unfortunate affect on the number of Euro-IFIP attendees if it could not be changed.

Action

It was moved that the President write to Member Societies, asking them to check with foreign societies when they organize an event outside their respective country.

8.2 Euro – IFIP 79 PC

The President said that Mr. Overgaard would be reporting directly to the General Assembly.

Mr. Piloty remarked that TC 10 had been approached by Mr. Avizienis of the University of California to organize, under IFIP sponsorship, a Working Conference on “Reliable Computing and Fault-Tolerance” in conjunction with Euro-IFIP 79. Council discussed this item and was in agreement to Mr. Piloty presenting the idea to the General Assembly.

8.3 SEARCC

8.4 JCIT 3 – (Third Jerusalem Conference on Information Technology) 6 – 9 August 1978

The abovementioned Committee Reports did not require action by the Council and would be presented directly to the General Assembly.

8.5 Teleinformatics '79

Mr. Renard presented the Organizing and Programme Committee reports (CGA OSLO 78/TEL/79-1 and 2) and drew attention to the proposed new timing of the Conference – 11-13 June 1979. Mr. Renard confirmed that the official sponsorship of UNESCO had been granted.

Mr. Renard outlined the proposed arrangements of the organizer, AFCET, and presented the budget.

After thoroughly discussing the reports and budget, the Council AGREED that Mr. Renard should make the following recommendations to the General Assembly:

- to approve the change of date;
- to approve the appointment of Messrs. Carteron and Barber as respectively OC and PC Chairmen.

Council AGREED, with four abstentions, to the following recommendation:

- to approve the budget, with a strong recommendation to AFCET to reduce the expenses of the Conference administrative secretariat.

Attention was drawn to the Bombay Council recommendation for reduced fee arrangements in certain cases. Mr. Renard confirmed that TC 6 had been charged to define the categories, but he would follow up on this point.

Attention was also drawn to the Bombay Council decision that the Conference language be English.

9. FUTURE COUNCIL AND GENERAL ASSEMBLY MEETINGS

The President referred to Mr. Gvozdjak's invitation to hold the March 1979 Meeting in Czechoslovakia. It was decided to finalize the arrangements after the General Assembly elections.

The President confirmed that the 1979 Council and General Assembly Meetings were planned for the week prior to Euro-IFIP 79 – i.e. 21 through 24 September in London.

10. DISCUSSION GENERAL ASSEMBLY AGENDA

A few items were added.

11. OTHER COUNCIL BUSINESS

11.1 Terms of Office

Mr. Keilhau confirmed that a system had been established to control termination of terms of office of TC and WG Officers and TC Members. The Secretary would advise necessary parties annually on any action to be taken.

11.2 Procedures re IFIP Meetings

Mr. Keilhau referred to the document he would present to the General Assembly (GA OSLO 78/SECR-2) entitled "Visa Procedures at IFIP Meetings".

Council thoroughly discussed the document and, with one minor change, recommended that it be presented to the General Assembly for adoption (refer General Assembly Agenda Item 5.1)

11.3 Guidelines for Nomination Committees

Mr. Bennett indicated he would be presenting a report to the General Assembly.

12. CLOSING OF MEETING

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

# GENERAL ASSEMBLY MINUTES



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GENERAL ASSEMBLY MEETING

Oslo, Norway - 13 / 15 September 1978

ATTENDANCEOfficers Present

P.A. Bobillier	President	Switzerland
R.I. Tanaka	Past-President	U.S.A.
J.M. Bennett	Vice-President	Australia
P. Renard	Vice-President	France
A. A. Dorodnicyn	Vice-President	U.S.S.R.
J. Tuori	Treasurer	Finland
H. Keilhau	Secretary	Norway

Members Present

O. Zich		Austria
J.E.D. Navez		Belgium
R.C. de Oliveira		Brazil
L. Iliev		Bulgaria
G.N. Boyd		Canada
L. Gvozdjak		Czechoslovakia
A. Melbye		Denmark
R. Piloty		Federal Republic of Germany
N.J. Lehmann		German Democratic Republic
R. Narasimhan		India
D. Chevion		Israel
G. Sacerdoti		Italy
K. Ando		Japan
A. van der Sluis		Netherlands
L. Lukaszewicz		Poland
G. van der Veer		South Africa
K. Hernaes		Sweden
G.J. Morris		United Kingdom
T. Aleksic		Yugoslavia
H. Zemanek	Honorary Member	
E.H. Sibley *	Associate Member	IAG
H. Freeman	Affiliate Member	IAPR

(\* present with proxy of P.J. Dixon)

Members Represented by Proxy

I. Kadar	Hungary
N-W. Suh	Korea, Rep. of
T.A. Scoular	New Zealand

Proxy Held By

A. A. Dorodnicyn
P.A. Bobillier
J.M. Bennett

Members Absent

Y. Mentalecheta	Algeria
J. Martinez Martinez	Cuba
A.E. Sarhan	Egypt
A.M.G. Marchand	Ireland
M.A.Eced S.	Spain

Technical Committee Chairmen Present

M. Paul  
D.H. Wolbers  
J. Hebenstreit  
J. Roukens  
J.Vlietstra  
A.A. Verrijn Stuart  
R. Piloty

Chairman TC 2  
Chairman TC 3  
Chairman-Elect TC 3  
Chairman TC 4  
Chairman TC 5  
Chairman TC 8  
Chairman TC 10

Technical Committee Chairmen Absent

L. Pouzin  
A.V. Balakrishnan  
C.C. Gotlieb

Chairman TC 6  
Chairman TC 7  
Chairman TC 9

Working Group Chairmen Present

F.B. Lovis

Chairman WG 3.1

Committee Chairmen Present

J.H. Finch  
A.W. Goldsworthy  
M. Ozeki  
F.H. Sumner  
E Goto  
A.C. Hutt  
G.A. Fisher  
S.A. Overgaard  
F. Genuys  
G. Stiller  
E. Bruhn  
J. Raben

Congress 77 Organizing Committee  
Congress 80 Organizing Committee - Australia  
Congress 80 Organizing Committee - Japan  
Congress 80 Programme Committee  
Congress 80 Programme Committee - Member  
Congress 80 U.S. Committee  
EURO-IFIP 79 Organizing Committee  
EURO-IFIP 79 Programme Committee  
Congress Guidelines Committee  
Publications Committee - Member  
Public Information Committee - Member  
Task Group on "Computer Applications in Humanities and Social Sciences"

Observers Present

T.B. Sjoner  
K. Gunnari  
  
T. Brattvag  
  
A. Solvberg  
  
S. Sem-Sandberg  
  
S. Orce  
  
A.H. Barakat  
S.M. Hashim  
Ferida Gribba  
M.E. Muller

K. Jones  
K. Faegri  
R. Kalman  
S.H. Mandil  
E. Fredriksson

President, Norwegian Computer Society  
Secretary General,  
Norwegian Computer Society  
TC 3 representative,  
Norwegian Computer Society  
Norwegian Computer Society  
(incoming GA Member)  
Swedish Society for Information Processing  
(outgoing GA Member)  
Sociedad Argentina de Informatica et  
Investigacion Operative, Argentina  
Planning Board / National Computer Centre  
Iraq  
Centre National de l'Informatique, Tunisia  
International Association for Statistical  
Computing (IASC)  
Data for Development  
ICSU representative  
UNESCO representative  
WHO representative  
North Holland Publishing Company

In Attendance

Elinor Alstad  
Anne L. Kuehner  
Ria Lucas  
Gwyneth Roberts

Norwegian Computer Society  
Assistant to P.A. Bobillier  
IFIP Foundation - Amsterdam  
IFIP Secretariat - Geneva

1. CALL MEETING TO ORDER

The President opened the General Assembly Meeting and welcomed all participants. He introduced four new National representatives: Mr. Melbye - Denmark, Mr. van der Sluis – The Netherlands, Mr. Hernaes – Sweden and Mr. Aleksic – Yugoslavia.

The President introduced the Observers and commented on the attendance of representatives from Argentina, Iraq and Tunisia, whose Societies were seeking Full Membership in IFIP.

The President conveyed his appreciation to Mr. Sjoner, President, and to Messrs. Gunnari and Keilhau of the Norwegian Computer Society, for the excellent Meeting arrangements and their hospitality.

Mr. Sjoner welcomed all participants on behalf of the Norwegian Computer Society and announced that NCS, formed in 1976 by the merger of two societies, was celebrating 25 years of Norwegian computer society history. He added that NCS had 2,800 members and 9 local chapters.

Mr. Keilhau announced that proxies had been received from Mr. Kadar – Hungary in favour of Mr. Dorodnicyn, Mr. Suh – Republic of Korea in favour of Mr. Bobillier, Mr. Scoular – New Zealand in favour of Mr. Bennett and Mr. Dixon – IAG in favour of Mr. Sibley. He added that a letter of excuse had been received from Mr. Eced – Spain, but no notification had been received from Algeria, Cuba, Egypt, and Ireland.

2. APPROVAL OF AGENDA

General Assembly unanimously APPROVED the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (GA TORONTO 77)

General Assembly unanimously APPROVED the Minutes of the Toronto General Assembly Meeting.

4. PRESIDENT'S REPORT

The President referred to his Annual Report, summarizing the progress of IFIP activities, and underlined the importance of everyone actively supporting Euro-IFIP 79. He added that he had represented IFIP at the recent UNESCO / IBI Intergovernmental Conference on Strategies and Policies for Informatics (SPIN) and that Mr. Kalman would be giving further details.

The President announced that a very fruitful, combined meeting of the Executive Body, Activity Planning Committee members, Technical Committee, IAG and Working Group Chairmen had taken place prior to the General Assembly. Points discussed and recommendations would be presented with the relevant Agenda item.

The President mentioned that the Executive Body had decided to change the title of Gwyneth Roberts to Administrative Manager.

4.1 IFIP 20<sup>th</sup> Anniversary – 1980

The President recalled that IFIP was initially established in 1960 and Congress 80 would coincide with the Federation's 20<sup>th</sup> anniversary. An Ad Hoc Committee, under the Chairmanship of Mr. Zemanek, was being established to make the necessary anniversary preparations.

5. SECRETARY'S REPORT

Mr. Keilhau drew attention to his Annual Report and added that the Secretariat had just disseminated IFIP NEWS No. 2.

## 5.1 Procedures re IFIP Meetings

Mr. Keilhau presented document (GA OSLO 78/SECR-2) entitled "Visa Procedures at IFIP Meetings" which he had been charged to prepare by the Bombay Council. He stated that the Oslo Council had thoroughly discussed the document and recommended General Assembly to approve same with one minor change.

### Action

General Assembly unanimously ADOPTED the text of the document, reading as follows, which the Secretariat will incorporate in the next edition of the Standing Orders as Appendix 2.

"Prior to accepting an invitation to hold an IFIP Congress, or a Council or General Assembly Meeting in a particular country, the IFIP Secretary should obtain from the local organizers a written indication that no obstacles will be put to the granting of visas to IFIP personnel and to bona fide information processing professionals who wish to participate. The local organizers should also supply information concerning the mechanism for applications for visas and an indication of the period normally required between application for and receipt of visas.

The IFIP Secretary will consult with the Executive Secretary of the ICSU Committee in Free Circulation of Scientists concerning the past record of the country concerned with regard to delivery of visas.

The general information announcements of the event should include a statement as to the procedures to be followed by the participants to obtain issuance of a visa.

If visas are not available four weeks before the commencement of the event and the proper authorities are unable to indicate when the visas will be available, the relevant IFIP Full Member or – failing this – the participant himself should inform the IFIP Secretary who will immediately take action in accordance with the recommendations laid down in 'Advice to Organizers of International Scientific Meetings' issued by the ICSU Secretariat.

The IFIP Secretary will also immediately inform the IFIP President who should, if practically possible, reschedule the event to a venue in another country."

## 6. ADMISSIONS COMMITTEE

Mr. Narasimhan referred to his Annual Report and drew attention to documents (CGA OSLO 78/AC-1, 2 and 3), mailed to General Assembly members in July 1978, recommending the admission as Full Members of respectively Iraq (National Computer Centre), Tunisia (Centre National de l'Informatique) and Argentina (Socieda Argentina de Informatica e Investigacion Operativa). He added that a subsequent recommendation to admit the International Association for Statistical Computing (IASC) as an Affiliate Member was contained in document (CGA OSLO 78/AC-4)

Mr. Narasimhan said it was very important that Observer representatives from these Societies were in attendance and he would call upon them for comments.

Mr. Hashim (Iraq) stated that NCC was a governmental organization responsible for the promotion of informatics and the use of computers in the country. Its activities included: providing computing power to different establishments for training and research, running training programmes, holding conferences for computer managers, preparing curriculum in universities and teaching informatics in high schools. NCC also had an Institute for Research and Training which gave post-graduate studies in computer science and systems analysis. He added that Arabization was an important factor and several programming languages in Arabic had been developed in simple stages. Replying to questions, Mr. Hashim indicated that NCC was the only computer organization in Iraq and anyone in the computer field in Iraq was welcome to attend conferences and visit the Research Institute.

Ms. Gribba (Tunisia) said that CNI was a government organization whose activities included: advising agencies and enterprises on the computerization of their operations, providing teaching courses and seminars in computer science and technology for government agencies and private firms, giving technical advice and guidance to agencies which did not have adequate facilities. Ms. Gribba added that CNI directed terminals for the Ministry of Finance, Health, etc. and circulated a news bulletin.

Mr. Narasimhan indicated that Argentina's application was the revival of a membership which had been in existence prior to 1974 (represented by Sociedad Argentina de Computacion).

Mr. Orce (Argentina) said that SADIO was a professional organization founded in 1960 to encompass operational research and related fields and became affiliated to IFORS in 1962. Subsequently, SADIO included computer science, systems and statistics. Mr. Orce remarked that SADIO had organized the First Ibero-American Conference on “Informatics” in 1972 with over 1,000 participants. He added that SADIO organized conferences, courses, lectures and published a news bulletin and quarterly journal. Anyone who fulfilled the professional and managerial criteria could apply to become a member; the membership now stood at 400.

In summarizing, Mr. Narasimhan drew attention to the initiatives taken by government agencies in the developing countries. Mr. Narasimhan stated that if IFIP wished to have any impact in the developing countries, it would certainly have to be through the government agencies and the applications should be viewed in this perspective.

The President thanked Mr. Narasimhan and the Observers from Iraq, Tunisia and Argentina for their contributions and called for a vote.

For the vote:	First number	will be “in favour”
	Second number	will be “against”
	Third number	will be “abstention”

General Assembly VOTED in favour of admitting Iraq, Tunisia and Argentina as Full Members:

Iraq	26/1/2
Tunisia	24/4/1
Argentina	29

#### Action

The President welcomed Iraq, Tunisia and Argentina as new IFIP Full Members and requested them to kindly appoint General Assembly representatives who could work in the English language, being the working language of the Federation.

Mr. Narasimhan called upon Mr. Muller (IASC) for comments.

Mr. Muller gave an expose on the International Statistical Institute (ISI), existing since 97 years, which had established the International Association for Statistical Computing as an open section of ISI in December 1977. Mr. Muller said that IASC would hold meetings every two years in conjunction with ISI, and ISI / IASC produced a common quarterly newsletter. Mr. Muller pointed out that IASC’s interest in affiliating with IFIP was due to its emphasis on working in developing countries and its desire to establish a technical information exchange on statistical software.

General Assembly unanimously VOTED in favour of admitting the International Association for Statistical Computing (IASC) as an Affiliate Member.

The President welcomed IASC as an IFIP Affiliate Member and expressed his hope to see a very fruitful cooperation between the two organizations.

Mr. Narasimhan drew attention to a proposal from Mr. Bennett, that Mr. Chevion – the retiring Israeli representative – be admitted as an Individual Member for a three-year term. Mr. Bennett commented on Mr. Chevion’s past services to IFIP and his current involvement with IFIP-related activities, in particular his Task Group Chairmanship.

General Assembly unanimously VOTED in favour of admitting Mr. Chevion as an Individual Member for a three-year term.

The President congratulated Mr. Chevion and expressed the hope that he would continue to actively contribute to IFIP activities.

General Assembly APPLAUDED the admittance of the new IFIP Full, Affiliate and Individual Members.

Mr. Tanaka recalled that the admission of Mexico (SMCE) as a Full Member had been accepted at the Tashkent General Assembly, October 1976, but, to-date, they had been inactive. He had just received a personal letter from someone who had investigated the matter and there had been significant problems. However, Mr. Tanaka said Council felt the situation should be left open until the next General Assembly Meeting on the assumption that Mexico would react in the meantime.

The President added that Council recommended the same treatment for Jamaica, admitted at Toronto, August 1977.

General Assembly CONCURRED.

Mr. Narasimhan mentioned that Chile (ACTI) was seeking re-admission and AC would study same.

## 7. ELECTIONS

### 7.1 Nominations Committee Report - Officers

Mr. Zemanek referred to the previously-distributed report (GA OSLO 78/NC-1) nominating Messrs. Tuori and Zich as respectively Treasurer and Secretary, and presented report (GA OSLO 78/NC-2) nominating Mr. Ando as Vice-President.

There were no nominations from the floor. General Assembly unanimously ELECTED the following Officers for a three-year term.

Mr. Tuori	-	Treasurer
Mr. Zich	-	Secretary
Mr. Ando	-	Vice-President

### 7.2 Nominations Committee Report - Trustees

Mr. Lehmann referred to reports (GA OSLO 78/NCT-1 and 2) nominating Messrs. Boyd and Iliev for three-year terms and Mr. de Oliveira for a one-year term.

In view of Mr. Ando's election as a Vice-President, NCT nominated Mr. Bennett for a two-year term.

There were no nominations from the floor. General Assembly VOTED by acclamation and ELECTED the following Trustees.

Mr. Boyd	-	three-year term
Mr. Iliev	-	three-year term
Mr. Bennett	-	two-year term
Mr. de Oliveira	-	one-year term

The President congratulated the persons elected and thanked the retiring Council Members – Mr. Keilhau, Secretary, Messrs. Navez and Sem-Sandberg, Trustees – for their services. He also thanked Mr. Bennett for his contributions as Vice-President and Mr. Tuori for continuing with the arduous task of Treasurer.

General Assembly APPLAUDED the incoming and outgoing Council Members.

## 8. FINANCES

### 8.1 1977 Audited Accounts

Mr. Tuori referred to TREAS-1, the Statement of Receipts and Expenditures for 1977, which showed net assets at the end of 1977 of SFr. 545,243.85. Total expenses for 1977 amounted to SFr. 216,357.24 against an income of SFr. 223,441.74. Mr. Tuori pointed out that a part of the Congress 77 surplus had been received in 1977 and Royalties were more than budgeted as they included some advances. This would, of course, reflect on the 1978 figures. Mr. Tuori recalled that the investments had been transferred into bonds (any General Assembly Member could have access to the details) and this caused a difficulty in budgeting interest. In bonds, he added, three major factors affected income: actual interest the bond was giving, the price of the bond and how it developed, and the currency rate. Mr. Tuori stated that the accounts had been audited (TREAS-2, the Auditor's report). He also drew attention to TREAS-3, the 1977 Income/Expense versus Budget, which more broadly described the financial situation, and felt the expenditures called for no comment.

Mr. Paul congratulated Mr. Tuori on the excellent way he handled the IFIP finances.

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



Action

In view of IFIP's status, it was proposed that Mr. Tuori request the Auditor to utilize the terminology "surplus" instead of "profit" in his reports.

8.2 1978 Statement – to 31 July 1978

Mr. Tuori presented TREAS-4 and remarked that the year-to-date situation appeared healthy. He, however, brought up the difficulty of grants being budgeted in a certain year and requested one or two years later.

General Assembly NOTED the report.

8.3 Dues Situation

Mr. Tuori said that TREAS-5 indicated the current year's position on Dues payments, and that approximately 85% of the Dues had been paid by 31 August 1978.

Referring to the Back Dues situation (TREAS-6), Mr. Tuori pointed out that Spain was the only delinquent.

General Assembly NOTED the reports.

Action

Mr. Sacerdoti expressed his appreciation of the way IFIP dealt with its finances, but felt the Dues increase was too high, bearing in mind the currency fluctuation, and requested the Treasurer and the Executive Body to examine the Dues mechanism and report to the 1979 General Assembly. Mr. Renard concurred that his Society would highly appreciate such an initiative.

8.4 Financial Summary – to 31 July 1978 / Loan and Grant Report

Mr. Tuori presented TREAS-7 (Financial Summary).

General Assembly NOTED the report.

Action

With regard to TREAS-8 (Loan and Grant Report), Mr. Tuori proposed, as an exceptional action, to write off the IAG loan (SFr. 4,716) which had been carried in the IFIP accounts for several years. He added that IAG could not trace it back. The general recollection was that it had been loaned for financing IAG Seminar papers.

General Assembly CONCURRED and NOTED the report.

8.5 1978 Budget

Mr. Tuori moved that the General Assembly approve the following grants:

- TC 4 "Evaluation of Effectiveness of Medical Action, Methodology and Experiences"  
(May 1979, Bordeaux) – SFr. 5,000
- TC 5/TC 9 / IFAC WC "Socio-Technical Aspects of Computerization"  
(Jan. 1979, Budapest) – SFr. 5,000.

General Assembly ADOPTED the motion.

8.6 1979 Budget

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

Mr. Tuori referred to the IFIP 1979 Budget (CGA OSLO 78/ TREAS-9, dated Oslo, September 1978) which resulted from actions taken throughout the General Assembly Meeting. He pointed out that, like the 1978 Budget, it had been established in two parts: meaningful and discretionary (controlled by the President), and that the surpluses from Euro-IFIP 79 and Teleinformatics 79 had not been included. The

proposed Budget showed total income of SFr. 235,000 and total expenditures of SFr. 317,100 plus reserve of SFr. 25,200.

General Assembly APPROVED the 1979 Budget

Action

The Secretary was requested to report to the Executive Body regarding costs and warranted issues of the IFIP Summary and the IFIP Information Bulletin.

8.7 Other

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

Iraq	-	SFr. 2,800.
Tunisia	-	SFr. 1,400.
Argentina	-	SFr. 1,400.

General Assembly CONCURRED.

9. IFIP FOUNDATION

The President remarked that the IFIP Foundation had continued to give administrative and secretarial services to various IFIP Bodies during the past months. At a Board Meeting in Amsterdam, held just prior to the General Assembly, it had been decided to raise the rates of the Foundation services, taking into account inflation and the fact that they had not been reviewed for several years.

Mr. Tuori proposed that IFIP agree to extend its bank guarantee of Fl. 55,000 to the IFIP Foundation to the end of 1979.

General Assembly unanimously ACCEPTED this proposal.

10. TECHNICAL COMMITTEES, IAG, IAPR

10.1 TC 2 (Programming)

Mr. Paul drew attention to his Annual Report and announced that TC 2 would be meeting in Baden, Austria, mid-December 1978, in conjunction with the WG 2.5 WC on "Performance Evaluation of Numerical Software".

He remarked that some WG 2.2 members had contributed to a Conference on "Mathematical Studies and Information Processing", recently held in Kyoto, Japan. Their participation was due to the generous support received from the Japanese Society and the Research Institute for Mathematical Sciences at the Kyoto University. Proceedings would be available within six months. Unfortunately, IFIP sponsorship had been requested too late.

Mr. Paul confirmed that WG 2.3's collection of papers "Programming Methodology", edited by Mr. Gries, would be available shortly.

Mr. Paul regretted that TC 2 had not yet been successful in arranging the WC on "Microprogramming, Firmware and Restructurable Hardware", but were negotiating with interested people and hoped to get some assistance from Euro-Micro to eventually hold the Conference in the first quarter of 1980.

Mr. Paul referred to document (CGA OSLO 78/TC 2.1) and requested approval of the following Working Conferences:

- WG 2.6 WC on "Data Base Architecture", Venice, Italy, June 20-22, 1979. A grant of SFr. 6,000 was requested.
- WG 2.7 WC on "Command Languages", Berchtesgaden, F.R.G., September 10 – 14, 1979. A grant of SFr. 4,000 was requested.

Mr. Dorodnicyn queried overlap of the latter Conference with Euro-IFIP 79. Mr. Paul felt there would be no clash.

General Assembly unanimously APPROVED these Working Conferences.

Mr. Paul remarked that TC 2 had been asked by the President to serve as a 'contact point and coordinator' between IFIP / TC 2 and ISO / TC 97/SC 5 "Programming Languages". TC 2 now sought approval of an official liaison between IFIP / TC 2 and ISO / TC 97 / SC 16 "Open System Interconnection" with Mr. Steel, Jr. representing TC 2.

General Assembly APPROVED this liaison.

Mr. Paul presented his 1979 budget request document (CGA OSLO 78/ TC 2-2).

## 10.2 TC 3 (Education)

Mr. Wolbers referred to his Annual Report and, in particular, to the WC on "Informatics and Mathematics in Secondary Schools" which took place in Varna in September 1977. He stated that the Conference was great success with participants from 16 countries. Mr. Wolbers expressed his thanks and appreciation to the host organization, the Bulgarian Academy of Sciences, and to UNESCO for its physical and financial assistance.

Mr. Wolbers introduced Mr. Hebenstreit, the TC 3 Chairman-Elect. He drew attention to the invaluable services rendered by Mr. Atchison, the retired WG 3.1 Chairman and introduced his successor, Mr. Lovis. Mr. Wolbers added that Mr. Berger had requested to be released from the Chairmanship of WG 3.4 and had subsequently been replaced by Mr. Raymont.

Mr. Wolbers presented his report (GA OSLO 78/ TC 3-1) requesting approval of three Working Conferences.

- (i) "The Use of Micro Computer Systems in Secondary Education in Developed and Developing Countries", scheduled for April 1980, lieu undecided. A grant of SFr. 6,000 was requested (SFr. 3,000 in 1979, SFr. 3,000 in 1980).
- (ii) "Education and Large Information Systems 2", scheduled for the first quarter of 1981 in The Netherlands.
- (iii) "Informatics Education at University level for non-specialists", scheduled for 1982, lieu undecided.

Mr. Renard, APC Chairman, proposed that General Assembly just consider WC (i) for the time being.

General Assembly unanimously APPROVED the WC on "The Use of Micro Computer Systems in Secondary Education in Developed and Developing Countries".

Mr. Wolbers referred to TC 3's 1979 budget request in the Annual Report, and also requested an additional grant of SFr. 4,000 for the WG 3.3 WC on "CAI Scope, Progress and Limits" (September 1979, London).

Mr. Hebenstreit commented that the arrangements for WCCE 81 in Lausanne, Switzerland were progressing satisfactorily with the assistance of ASSPA, the Swiss Member Society, and the premises (Palais de Beaulieu) contract had already been signed. Nominations for the Programme Committee were being received and a meeting would be held in Geneva in December 1979 to finalize the PC membership. Mr. Hebenstreit recalled that Mr. Levrat of the University of Geneva was the PC Chairman and Mr. Immer of the Ecole Polytechnique Federale of Lausanne the OC Chairman.

Mr. Hebenstreit said that WCCE 81 intended organizing a world-wide programming contest between students, and IFIP Member Societies would be asked to cooperate. National winners would be offered free registration. He added that an Exhibition (3,000 square metres) was planned of educational related material. The President interjected that an Exhibition would take place only if it could make a surplus. It had not been included in the budget and the WCCE 81 organizers reserved the right to suppress same at the last minute should a risk be envisaged. The President underlined that although ASSPA was helping with the organization of WCCE 81, it was the responsibility of TC 3.

### Action

Mr. Wolbers conveyed his appreciation to the General Assembly for the help received during his term of office and wished good luck to Mr. Hebenstreit who would succeed him in January 1979.

The President expressed his appreciation to Mr. Wolbers for his extremely active Chairmanship and great amount of work undertaken.

General Assembly gave a VOTE of thanks to Mr. Wolbers.

### 10.3 TC 4 (Health Care and Biomedical Research)

Mr. Rounkens announced that TC 4 had been terribly shocked by the unexpected death of Mr. van Egmond who had been the TC 4 Secretary since 1973. He expounded on the qualities of Mr. van Egmond and hoped IFIP would act in an appropriate way.

Mr. Rounkens said that he and Mr. Shires had just attended a WHO Congress on "Primary Health Care" in the U.S.S.R. He was delighted to see Mr. Mandil of WHO as an Observer at the General Assembly.

Mr. Rounkens presented his report (GA OSLO 78/ TC 4-1) and drew attention to the proposal for the transformation of TC 4 into a SIG (International Medical Informatics Association), which would be discussed as a separate Agenda item (11.12), and stated that TC 4, at its March 1978 meeting in Berne, had adopted the IMIA Bylaws as submitted to the General Assembly by the Ad Hoc Committee. He indicated that it was planned for the 'actual' establishment of IMIA to take place in Paris, May 1979 at a two-day meeting and preliminary invitations had already been issued. Mr. Rounkens said that an item of SFr. 3,000 for the IMIA initiation had been requested in the TC 4 1979 budget.

Mr. Rounkens advised that TC 4 had elected to hold MEDINFO 83 in Amsterdam, The Netherlands and hoped this would meet with the approval of General Assembly.

Mr. Rounkens indicated that MEDINFO 77 and MEDINFO 80 would be reported on under the relevant Agenda items (respectively 13 and 15).

Mr. Rounkens sought approval of various Working Conferences. Mr. Renard, Cognizant Vice-President, moved that the following three Conferences be approved as they had been well defined and presented in Appendices I, II and III of Mr. Rouken's report.

- "Optimization of Computer ECG Processing",  
scheduled for June 5-7, 1979 in Halifax, Canada.  
A grant of SFr. 5,500 was requested.
- "Data Protection in Health Information Systems II",  
scheduled for May 29-31, 1979 in Amsterdam, The Netherlands.  
A grant of SFr. 6,000 was requested.
- "Statistical/Medical Computing Services",  
scheduled for September 1979 in Iowa City, U.S.A.  
A grant of SFr. 6,000 was requested.

General Assembly unanimously ADOPTED the motion.

Mr. Renard referred to the WC on "The Application of Informatics in the Physician's Office" (already approved in Tashkent, October 1976 when entitled "Computer in the Dr's Office"), and proposed that the change in lieu to Hannover, F.R.G. be approved.

General Assembly unanimously APPROVED the change in lieu of this Conference.

Mr. Ando felt that the General Assembly should be advised in advance on changes of this nature.

Mr. Renard suggested that the planned WC on "Evaluation of Hospital Discharge Summary Systems" (May 1980, Belgium) be discussed at a later date, but moved that TC 4 be allowed to continue with the preparations of the WC on "Systems Analysis of Health Care Systems" (2<sup>nd</sup> quarter 1981, lieu undecided).

General Assembly unanimously ADOPTED the motion.

Mr. Rounkens mentioned that the TC 4 Newsletter appeared approximately twice a year and was distributed to its members and other persons; each TC 4 member reproduced the issues and disseminated same to interested persons within his country.

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

Mr. Vlietstra referred to his Annual Report, redistributed at Oslo, and drew attention to several TC 5 membership changes. He remarked that meeting attendance and active participation on the part of members from Belgium, Bulgaria, C.S.S.R., Denmark, Israel, Japan, Sweden and Switzerland was deplorable and urged the respective General Assembly Members to remedy the situation.

Mr. Vlietstra reported on the various Working Groups.

WG 5.1 – Mr. Luh resigned in March 1978 and Mr. Schneider of this Working Group was willing to take over and revive the activities.

W.G 5.2 – was in excellent shape under the stimulating leadership of its Chairman and Vice-Chairman, respectively Messrs. Warman and Allan III. In collaboration with IAPR, a successful WC on “Artificial Intelligence and Pattern Recognition in CAD” had taken place in Grenoble in March 1978; the Proceedings would shortly be published by North-Holland. Bi-annual workshops on Computer Graphics were being conducted. The work of the graphics subgroup had had a great impact upon graphics standards development und liaison with ISO was well established.

WG 5.3 - Mr. Vlietstra paid tribute to Mr. Hatvany who was retiring as the WG 5.3 Chairman after a six-year term, during which time three PROLAMAT Conferences had taken place, and advised that Mr. Kochan had been elected as Mr. Hatvany’s successor. He added that WG 5.3 would liaise with CIRP (International Committee on Discrete Manufacturing) to establish a project regarding modular manufacturing systems.

WG 5.4 - Mr. Vlietstra pointed out that Mr. Williams had served his six-year term as Chairman and moved that he continue as “Acting Chairman” until a suitable replacement could be found.

General Assembly unanimously ADOPTED the motion.

WG 5.5 - Mr. Vlietstra advised that Mr. Gilles had resigned as Chairman and he proposed to terminate WG 5.5 “Continuous Manufacturing” activities as they had never been substantiated. Required activities would be coordinated with IFAC by Mr. Vlietstra.

General Assembly unanimously AGREED to disband WG 5.5.

WG 5.6 – The Chairman, Mr. Lind, would try to create a fully operational Working Group prior to the 1979 General Assembly. Two Conferences were planned with IFAC on “Offshore Operations”.

Mr. Vlietstra sought approval of the establishment of WG 5.7 “Automation of Production Planning and Control” with Mr. Rolstadas of the Technical University of Norway at Trondheim as Chairman. He added that Mr. Rolstadas already had people from various countries interested in participating in this WG activity (as outlined in Appendix V of the TC 5 Annual Report). Mr. Vlietstra inferred that WG’s 5.2, 5.3 and 5.7 would organize joint meetings and Conferences.

Mr. Renard announced that APC had studied the definition, Aim and Scope of the proposed WG 5.7 and considered it correctly defined with no overlap with other Working Groups. Mr. Renard requested formal approval of the Aim and Scope of WG 5.7 (refer Appendix 1 of the Minutes).

General Assembly unanimously APPROVED the formal establishment of WG 5.7 under the Chairmanship of Mr. Rolstadas.

Mr. Vlietstra drew attention to the long list of events requiring approval, including the following grant / loan requests.

- (i) A grant was requested of SFr. 8,500 (which the IFIP Treasurer amended to SFr. 8,000) for the Tashkent, October 1976 approved – IFIP / IFAC 3<sup>rd</sup> Conference on “Computer Applications in the Automation of Shipyard Operations and Ship Design” (June 1979, Glasgow, Scotland).

- (ii) A loan was requested of SFr. 15,600 for the Tashkent, October 1976 approved – IFAC / IFIP 3<sup>rd</sup> Symposium on “Ship Operation and Automation” (November 1979, Tokyo, Japan).

Mr. Tanaka moved that Mr. Vlietstra’s report be approved in its entirety with the exception of the loan request for SFr. 15,600.

General Assembly unanimously ADOPTED the motion.

(The events approved are listed in the Highlights / Events Approved / Action Points distributed in October 1978.)

Discussion ensued concerning the loan for the IFAC / IFIP Symposium, during which the question of financial figures (registration, attendees, etc.), Proceedings, royalties and surplus were raised.

Action

General Assembly APPROVED, with four abstentions, the loan of SFr. 15,600 conditional upon Mr. Vlietstra providing the President, Treasurer and APC Chairman with further information.

Action

Mr. de Oliveira subsequently pointed out the overlap with Congress 80 of the IFAC / IFIP 6<sup>th</sup> Conference on “Digital Computer Applications to Process Control” (Sept. 29 – Oct. 8, 1980, Düsseldorf, F.R.G.). Mr. Vlietstra was charged to attempt to change the date and thus avoid possible conflict.

The President thanked Mr. Vlietstra for his very thorough report.

It should be noted that the IFAC / IFIP TC 5 Symposium on “Systems Approach and Computer Applications for Development” (June 10-12, 1980, Shiraz, Iran) was APPROVED by General Assembly within the context of report (CGA OSLO 78/ ICIL-1).

#### 10.5 TC 6 (Data Communication)

Mr. Bennett said that Mr. Pouzin sent his apologies for not being present and wished his Annual Report to be considered as his report to the General Assembly.

Mr. Bennett drew attention to the highly successful Seminar “COMNET 77”, which took place in Budapest in October 1977 with over 300 participants from 16 countries. Proceedings would be available through North-Holland. Mr. Bennett pointed out that this was the first TC 6 event to be held in Eastern Europe and a similar one was being planned for the last quarter of 1980.

Action

He added that TC 6 had sponsored a Symposium on “Network Protocols”, held in Liege in February 1978 with an attendance of 480. Key papers would be available in North-Holland Network Journals. Discussion followed on this matter and it was requested that the TC 6 chairman provide the Publications Committee Chairman with details of the Proceedings arrangements.

Mr. Bennett said that TC 6 was sponsoring an IRIA-organized International Symposium on “Flow Control in Computer Networks”, scheduled for February 1979 in Paris. Mr. Bennett remarked that this Symposium would provide an excellent opportunity for in-depth-discussion on flow control in computer networks and present the state of the art in this Field.

Mr. Renard advised that “Teleinformatics 79” would be discussed under a separate Agenda item (17.4).

General Assembly unanimously APPROVED the TC 6 report.

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

Mr. Dorodnicyn presented his report (CGA OSLO 78/TC 7-1) and indicated that TC 7 had organized five Conferences and Symposia during the past twelve months. The respective Proceedings had been / were being published, mainly by Springer-Verlag.

Mr. Zemanek commented that, as PC Chairman, he encountered difficulty with the TC 7 enumeration of its Conferences and would appreciate attention paid to sequence.

Mr. Dorodnicyn said that TC 7 had been reviewed during the past year, but the Review Committee report was incomplete. Mr. Renard hoped it would be presented at the next Council Meeting.

Mr. Dorodnicyn drew attention to two planned events:

- 4<sup>th</sup> Symposium on “Computer Systems Modelling” (February 1979, Austria)
- 9<sup>th</sup> General Conference on “Optimization” (September 1979, Warsaw, Poland).  
A grant of SFr. 4,000 was requested.

Mr. Dorodnicyn indicated TC 7's interest in establishing two new Working Groups on respectively “Global Modelling” and “Mathematical Modelling in Immunology”. However, it had been decided to commence activity on the former within the framework of WG 7.1 (Modelling and Simulation). As to the latter, it had to be investigated more deeply.

Action

Mr. Dorodnicyn pointed out that the terms of office of the TC 7 Chairman (Mr. Balakrishnan) and the Chairmen of WG 7.1 and WG 7.3 (Messrs. Karplus and Green) were expiring. TC 7 had nominated Mr. Stoer as TC 7 Chairman and he had agreed to take over mid-1979. Until that time, it was proposed that Mr. Balakrishnan continue as Acting Chairman. Mr. Balakrishnan had been nominated as WG 7.1 Chairman and Mr. Gelenbe as WG 7.3 Chairman.

Mr. Renard mentioned that there had been discussion concerning the status of WG 7.3 (Computer System Modelling) as its Scope was closely related to TC 6 and TC 10 activities. The parties involved would analyze the problem and subsequently advise APC and Council.

General Assembly NOTED the report.

Mr. Dorodnicyn presented report (CGA OSLO 78/TC 7-2) of Mr. Green, the current WG 7.3 Chairman, outlining WG 7.3's main activities since its initiation in 1974. He said that WG 7.3 now had 22 members from 11 countries.

10.7 TC 8 (Information Systems)

Mr. Verrijn Stuart referred to his Annual Report, to be considered as his report to the General Assembly, and commented on the formal meetings held by TC 8 and the WG's 8.1 and 8.2 during the past year. He underlined the attendance problem and said some measures would have to be taken in this respect.

Mr. Verrijn Stuart drew attention to the TC 9 2<sup>nd</sup> Conference on “Human Choice and Computers” and the WG 8.2 Working Conference on “the Information Systems Environment” – both scheduled for June 1979. In order to overcome the potential risk of a conflict, it had been decided to have a joint member on both Programme Committees, Ms. Mumford. The President said he appreciated this kind of cooperation.

Mr. Verrijn Stuart stated that the Call for Papers had already been disseminated for the WG 8.1 Working Conference on “Formal Models and Practical Tools for Information Systems Design” (April 1979, Oxford, U.K.) and the response had been extremely positive. He felt the Proceedings would be a highlight in showing the state of the art of IS. The Call for Papers and invitations for the WG 8.2 June 1979 Working Conference would be issued shortly and Mr. Verrijn Stuart considered that the Proceedings of this Conference would be very useful to the community at large.

Mr. Verrijn Stuart indicated that TC 8 was investigating how to establish a Newsletter, which required a lot of preparation, and had requested a 1979 budget item of SFr. 2,000 for this purpose.

Mr. Verrijn Stuart gave an expose´ on TC 8's interest and wish to work with the developing countries and proposal to establish a third Working Group “Information Systems in Developing Countries”.

Action

Mr. Sibley expressed his concern at the TC 8 / IAG activity overlap and Mr. Chevion proposed that a full IAG member sit in on TC 8 meetings and vice-versa.

General Assembly CONCURRED.

Mr. Mandil remarked that, in relation to developing countries, one should adapt to a specific subject, i.e. health, education systems, agricultural problems, etc.

Mr. Boyd, as Cognizant Trustee, conveyed his thanks to Mr. Verrijn Stuart for the excellent cooperation he had enjoyed and the progress made by TC 8. He proposed that the report be adopted.

General Assembly unanimously ADOPTED the report.

(The following items are recorded here for the sake of coherence.)

Mr. Boyd indicated that Mr. Verrijn Stuart would like to send someone to the Data for Development 1979 Seminar on "The Organization and Use of Data in Public Administration and their role in economic and social development" and, consequently, wished for an appropriate increase in the TC 8 1979 budget to cover this. (Data for Development discussion – Agenda item 11.5)

Mr. Verrijn Stuart proposed that he investigate the possibility of establishing a Committee (from members of IAG, WG 8.1 and WG 2.6) to liaise with the VLDB Conferences, co-sponsored by IFIP. Mr. Tanaka said ICIL would look into this matter (refer Agenda item 11.5).

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

Mr. Bennett presented Mr. Gottlieb's apologies for not being present and referred to his report (GA OSLO 78/TC 9-1) and to the TC 9 Annual Report.

Mr. Bennett remarked that TC 9 and its WG's 9.1 and 9.2 had been very active during the past year and had made a worthy contribution to Congress 77. He mentioned that, at the President's instigation, TC 9 would be making proposals for speakers at Congress 80.

Mr. Bennett pointed out that TC 9 now comprised 20 members and WG 9.1 and WG 9.2 respectively 10 and 16 members.

Mr. Bennett advised that the postponed IFIP TC 9 / TC 5 / IFAC Working Conference on "Socio-Technical Aspects of Computerization" would now be taking place in January 1979 in Budapest and several TC 9 members were on the Programme Committee. He added that plans for the Second IFIP Conference on "Human Choice and Computers" (June 1979, Budapest) were proceeding according to schedule and four positive responses had been received out of approximately 20 letters soliciting funds.

Mr. Sibley felt there was an overlap between TC 9 and IAG activity; in particular, he considered the 'effects of privacy and business' as an IAG problem. He ventured that insufficient attention was paid to coordination when establishing Working Groups. Mr. Vlietstra remarked that the IFIP TC's should be made aware of what IAG is doing.

Action

Discussion ensued and Mr. van der Veer proposed that APC be charged to look into the possibility of realigning the TC's, taking into account today's environment.

General Assembly AGREED, with one abstention.

Mr. Bennett referred to the TC 9 Newsletter. The list of recipients had grown considerably, production costs had consequently escalated and the editorial base required expansion. He said that TC 9 was considering the possibility of becoming associated with a new Journal "Information Technology in Human Affairs" published by Pergamon Press. Mr. Morris queried the implications for IFIP.

Action

Following discussion, the PC Chairman was requested to consider the policy question of IFIP involvement in Journals with which Technical Committees might become associated.

#### 10.9 TC 10 (Digital Systems Design)

Mr. Piloty referred to his Annual Report and announced that TC 10 had held its second meeting in May 1978 in Lille, France.

During that meeting, the question of the three proposed Working Groups had been thoroughly discussed. Although the Bombay Council had thought it preferable to establish only two Working Groups, TC 10 strongly felt it necessary to establish the three to avoid significant loss of possible activity, namely:

- WG 10.1 (System Concepts and Characteristics)
- WG 10.2 (Hardware Description Language and Design Automation)
- WG 10.3 (Software / Hardware Interrelation)



Mr. Piloty mentioned that initial membership lists for these Working Groups had been drawn up and a policy established to ensure proper attendance. If General Assembly gave its approval to the establishment of these Working Groups, an inaugural meeting of all three would be held in Toulouse, France in February 1979 followed by the third TC 10 meeting.

Mr. Renard confirmed that APC was in favour of these Working Groups, with a slight modification to the Scope of WG 10.2, and requested formal approval of the Aims and Scopes of WG's 10.1, 10.2 and 10.3 (refer Appendices 2,3 and 4 of the Minutes).

General Assembly unanimously APPROVED the formal establishment of Working Groups 10.1, 10.2 and 10.3

The President congratulated Mr. Piloty.

Mr. Piloty advised that TC 10 had been approached to sponsor and organize a series of European Conferences on "Parallel and Distributed Processing"; the first one would be taking place in Toulouse in February 1979. The WG and TC meetings had been arranged to coincide with this Conference. Mr. Piloty said TC 10 favoured this activity provided conflict with the Sagamore Series on "Parallel Processing" could be avoided.

Mr. Piloty drew attention to a request of Mr. Avizienis of the University of California to organize, under IFIP sponsorship, a Working Conference on "Reliable Computing and Fault Tolerance" in conjunction with Euro-IFIP 79. The proposed WC format included a one-day state of the art report consisting of invited papers and a two-day workshop dealing with the critical issue of "Specification and Acceptance-Testing of Fault-Tolerant Digital Systems's. Mr. Piloty requested General Assembly's approval of this request, subject to the provision that a suitable arrangement could be found with the Euro-IFIP 79 organizers to append this Working Conference to the programme without any detrimental effects.

Mr. Renard added that he had discussed the situation with Messrs. Overgaard and Fisher who considered the submitted information favourable. They would make direct contact with Mr. Avizienis to ascertain how the Working Conference could be intertwined with Euro-IFIP 79. Mr. Renard moved that General Assembly approve IFIP co-sponsorship of this Working Conference dependent upon the approval of the Euro-IFIP 79 organizers.

General Assembly unanimously ADOPTED the motion.

#### 10.10 IAG

Mr. Sibley presented the IAG report (CGA OSLO 78/IAG-1) and indicated that the financial situation had greatly improved. It was hoped to have a surplus of Fl. 10,000 at year-end which would eliminate the deficit. This prediction was partly based on the pre-registration figure of 150 for the October 1978 Copenhagen Conference on "Computer Impact" (break-even figure = 77). Mr. Sibley applauded the efforts of Mr. Dixon who had been instrumental in bringing IAG into a solvent position.

Mr. Sibley pointed out that IAG had a programme of activities scheduled through 1980 which encompassed Seminars, Workshops and Conferences.

Mr. Sibley referred to the new IAG Journal "Information & Management" published by North-Holland; three issues had already been produced, the fourth was going to press and the fifth and sixth issues would be out by year-end. He said North-Holland would send a complimentary copy to every General Assembly Member.

Mr. Sibley presented a recommendation of the IAG Board of Directors to amend the IAG Bylaws. He remarked that active participation in IAG activities came principally from Europe and North America. IAG now proposed adding a class of "corresponding partners" with lower fees and the following restrictions:

- a) no voting right in the General Conference;
- b) no discounts on IAG activities;
- c) no eligibility for the Board of Directors.

The wording, to include "corresponding partners" in the IAG Bylaws, would be presented to the June 1979 IAG General Conference and subsequently submitted to the September 1979 IFIP General Assembly for final approval.

Following discussion on the pros and cons of IFIP Member Society involvement, General Assembly APPROVED, with two abstentions, the proposed change to the IAG Bylaws.

Action

Mr. van der Veer subsequently proposed that IAG consult with local IFIP Member Societies (if existing in the countries being solicited) re the possible establishment of IAG “corresponding partners” through them.

General Assembly unanimously AGREED to this proposal.

The President thanked Mr. Sibley for representing Mr. Dixon at the Meeting and congratulated him in his capacity as Chairman of the Editorial Board of “Information & Management”.

10.11 IAPR

Mr. Freeman referred to his Annual Report and to document (CGA OSLO 78/IAPR-1) IAPR now had eleven national organizations as members, but with different grades. These grades related to the number of members of the organization and determined dues and the number of representatives on the IAPR Governing Board. Mr. Freeman added that in those areas where there was an insufficient number of persons to form a Pattern Recognition organization, individual members would be admitted. However, they would be grouped together and have one representative on the Governing Board.

Mr. Freeman drew attention to the 4<sup>th</sup> International Joint Conference on “Pattern Recognition” (November 1978, Kyoto, Japan) and said 24 countries would be represented with a total of 217 papers, including 16 invited papers.

Action

Mr. Tuori queried the proximity of the 1980 5<sup>th</sup> Conference to Congress 80. Mr. Freeman said he was aware of this problem, their Conferences were traditionally held in November, but he would make every effort to avoid conflict and try to arrange for a four-week gap between the two events.

Mr. Freeman said that a copy of the first IAPR Newsletter (dated August 1978) would be mailed to General Assembly Members via the IFIP Secretariat.

The President thanked Mr. Freeman for attending the Meeting and General Assembly NOTED the report.

10.12 Recommendations by Technical Committee Chairmen

Mr. Hebenstreit said that following the Combined Meeting prior to General Assembly, those TC Chairmen present decided to get together to draw up some recommendations for presentation to the General Assembly, and he was acting as Rapporteur.

Mr. Hebenstreit drew attention to the problem of “sleeping” TC members which involved expense in contacting these people with no response nor participation in activity and the subsequent quorum problem.

It was, therefore, recommended that the following paragraph be included in the Standing Orders:

“A TC member who has neither responded to requests for information nor attended three consecutive meetings is considered to have resigned from the Committee. At this time, the cognizant officer will communicate this fact to the Member Society and request nomination of a new member.”

Action

General Assembly unanimously APPROVED this recommendation. The Secretariat will include this paragraph in the next edition of the Standing Orders.

Mr. Hebenstreit referred to the quorum regulation in Standing Orders 5.7 which hindered meeting decisions and, moreover, was not always applied.

It was, therefore, recommended that the following statement be deleted from Standing Orders 5.7:

“Decisions cannot be taken unless at least 50 percent of the appointed members are present or have provided proxies”.

Following discussion, General Assembly APPROVED, with seven abstentions, the abovementioned deletion.

The first paragraph of Standing Orders 5.7 will consequently read:

“In a TC, only appointed members or their designated proxies have voting rights. If the Committee is based on national representation, no Member nation has more than one vote. Votes are taken from members present and those who have sent proxies in writing. Decisions are taken by simple majority.”

Action

The Secretariat will include this amendment in the next edition of the Standing Orders.

Mr. Hebenstreit presented the third recommendation, for inclusion in the Standing Orders, which would provide for a better understanding of IFIP work at the national level and encourage feedback and increased participation, namely:

Action

“The General Assembly recommends that IFIP Member Societies include one or two sessions within their National Congresses devoted to reports to be presented by their national representatives on IFIP activities.”

Action

General Assembly APPROVED, with two abstentions, this recommendation which the Secretariat will include in the next edition of the Standing Orders.

Mr. Bennett said it was important that this recommendation be addressed to the Programme Committees of National Congresses.

The President expressed his appreciation to the Technical Committee Chairmen for having taken these initiatives and felt collaboration of this nature was very beneficial to IFIP at large.

## 11. COMMITTEE REPORTS

### 11.1 Activity Planning Committee

Mr. Renard drew attention to the IFIP 6-Year Plan (CGA OSLO 78/APC-1).

Mr. Renard suggested that Mr. van der Veer comment on the proposed, revised Review Mechanism of TC's and SIG's (GA OSLO 78/APC-2) for which he had been mainly responsible.

Mr. van der Veer emphasized that Reviews should be made regularly and carried out along similar lines for all TC's and SIG's. It was felt that some of the Cognizant Officers were overloaded and, wherever possible, should only be responsible for one TC or SIG. Additionally, Cognizant Officers should attempt to regularly attend their respective TC/SIG meetings. The APC Chairman should not have a cognizant responsibility.

In order to effect a very objective Review, Mr. van der Veer said APC considered that the Review Committee should be comprised of: a Chairman (who would be an IFIP GA Member, appointed by the General Assembly) an APC Member and an outside expert. This Committee would request written information from the Cognizant Officer and Chairman of the TC/SIG under review by means of a check list (refer to the Appendix to document APC-2). Member Societies (being a main audience) would be contacted for their views on the TC/SIG activity.

During the ensuing discussion, it was voiced that there might be objection to voluntary, professional people being under such a tight control. Mr. Tanaka felt the proposition should be accepted in principle, but worked out in a less rigid manner. Many people concurred with this attitude. Mr. Dorodnicyn remarked that the proposition contained some very good ideas.

Mr. van der Veer pointed out that a Review was not a judgement, but only an assessment. Several people felt that a first experience should be made with the proposed procedure. As Chairman of the current TC 7 Review Committee, Mr. Dorodnicyn said he would utilize the suggestions as much as possible.

Mr. Keilhau remarked that the Standing Orders (5.12) contained a Review Committee procedure and this would be subject to modification in the light of a revised Review Mechanism. He proposed that the APC Chairman collaborate with the S&B Chairman in this respect.

General Assembly NOTED report (GA OSLO 78/APC-2).

#### 11.1.1 Task Group "Governmental and Municipal DP"

Mr. Chevion presented reports (GA OSLO 78/TG-GMDP-1 and-2) and stated that the Task Group had performed its work mainly by correspondence, although some members and invitees had met the evening prior to General Assembly.

Summarizing, Mr. Chevion indicated that there appeared to be a visible trend in Europe, the U.S.A. and elsewhere to establish professional groups devoted to Information Processing activities in Public Administration, and an ever-growing interest and requirement seemed apparent in the developing countries. He added that world-wide proposals had been addressed to the Congress 80 Chairmen to organize sessions and panels on this subject.

The Task Group recommended that IFIP establish a distinct group, either independently or within IAG, for this activity. Mr. Chevion said that the Task Group also recommended an appropriate activity (workshop, etc.) within the framework of Euro-IFIP 79 and requested the PC Chairman to consider this possibility.

Action

Mr. Overgaard acquiesced.

Mr. Morris remonstrated that this topic was already being dealt with by many highly-organized entities and felt that exploration of other application fields should be given priority. Mr. van der Veer concurred. Mr. Tanaka pointed out that several people at the Toronto General Assembly had specifically requested IFIP involvement in this activity. Mr. Kalman underlined that the biggest user in each country was the government and, therefore, considered it very justifiable to open a forum for these people to discuss their specific problem areas.

Mr. Renard pointed out that as the Task Group had made a preliminary report, the General Assembly had to decide whether or not it should continue for a further year.

General Assembly APPROVED its continuation, with two objections and four abstentions.

In reply to the President's query whether the Task Group membership was appropriate, Mr. Chevion said he would give consideration to this matter.

#### 11.1.2 Task Group "Computer Applications in the Humanities and Social Sciences"

Mr. Renard recalled that, a year ago, Mr. Raben had accepted to take over the Chairmanship and continue the work of this Task Group. He expressed his thanks to Mr. Raben and, in particular, for personally presenting his report to the General Assembly.

Mr. Raben referred to document (GA OSLO 78/TG-HSS-1) outlining the current status of research in this field. He drew attention to the publication "Computers and the Humanities", now in its 12<sup>th</sup> year, and said volume 13 would be published by North-Holland.

Mr. Raben said he was also Ad Hoc Chairman of the Association for Computers and the Humanities, in process of formation, which would be formally established in December 1978, and he would like to see this Association affiliated with IFIP.

Mr. Renard proposed that the Task Group continue for a further year in order to investigate this possibility; any expenditures being covered by the APC budget.

General Assembly ACCEPTED the proposal, with six abstentions, provided expenditures would be limited.

Mr. Raben stated that the Task Group wished to officially co-sponsor a two-day Conference on "Data Bases in the Humanities and Social Sciences", planned for August 24-25, 1979 in Hannover, U.S.A. Queens College of the City University of New York would also co-sponsor and he was the PC

Chairman. Additionally, an IFIP loan of SFr. 6,000 was requested. Mr. Raben indicated that this Conference would immediately follow the 4<sup>th</sup> International Conference on “Computers and Humanities” and the same mailing list (5,000) would be used for both events, with the possibility of a reduction for dual registration. Mr. Chevion ventured that IFIP and not the Task Group should be the co-sponsor.

(As Mr. Raben had to leave, Mr. Verrijn Stuart acted on his behalf).

Following the discussion, General Assembly AGREED with eight objections, to IFIP co-sponsorship of the Conference on “Data Bases in the Humanities and Social Sciences” and a SFr. 6,000 loan – upon the condition that the Proceedings would be a standard IFIP publication with royalties accruing to IFIP; additionally, in case of a loss, access to the accounts by an IFIP Executive Body Member.

Mr. Verrijn Stuart drew attention to document (GA OSLO 78/TG-HSS-2) outlining a proposed budget for the Conference with a break-even participation of 120 participants.

## 11.2 Congress Guidelines Committee

Mr. Genuys presented his reports (GA OSLO 78/CGC-1 and 2) and policy parts of certain Chapters. He confirmed that most of the Chapters were ready with the exception of those concerning Publicity, National Committees and Congress Site Selection.

Mr. Genuys recalled that each Chapter would be self-contained and comprised of three parts: Policy, Recommendations and an Appendix. It was hoped to have all Chapters redrafted and ready by year-end to allow for the first complete edition to be available soon thereafter. The Master Copy of the Guidelines (200/300 pages) would be kept at the Secretariat and copies of required Chapters distributed from there to concerned parties.

Mr. Genuys said the next meeting of CGC would take place in May 1979 in order to review comments on the first edition and, consequently, produce the final Guidelines.

Mr. Genuys stated that Mr. Tuori's proposed amendments to Chapter 6 (Budget and Finance) would be incorporated. It was suggested that a paragraph on “visa procedures” be included in Chapter 17 (Congress Site Selection).

Action

Mr. Faegri, ICSU representative, recommended that a reference to ICSU's Guidelines be mentioned in the introductory Chapter

Action

The President moved that General Assembly Members, et al communicate to the CGC Chairman by mid-November 1978 suggestions /modifications to the Guidelines.

General Assembly unanimously ADOPTED the motion and NOTED the reports with thanks to the CGC Chairman and Members.

## 11.3 Finance Committee

Mr. Boyd referred to his Annual Report including comments on economic projections and the IFIP investments. He indicated that the latter were being very well handled by the Treasurer. He drew attention to a proposed change to the Financial Standing Orders (refer Agenda item 11.9.1.)

Mr. Boyd presented document (CGA OSLO 78/FC-1) proposing a scheme whereby Member Societies might be solicited to hold Conferences centred around an IFIP driven theme with an appropriate surplus-sharing arrangement.

The idea was very favourably received. Mr. Bennett suggested that the project should not be restricted to Member Societies and felt that such an activity would be successful in countries such as Singapore and the Philippines.

Action

Mr. Boyd asked for approval to initially write to the Member Societies in this respect.

General Assembly APPROVED the project, with one abstention.

Mr. Boyd commented on a TC 4 Conference which had been arranged with CIPS without the knowledge and approval of IFIP. He underlined that such arrangements should, henceforth, be approved in advance.

#### 11.4 Internal Awards Committee

Mr. Zemanek said there was no call for any comment at this time.

#### 11.5 IFIP Committee for International Liaison

Mr. Tanaka recalled that IFIP had become a member of Data for Development, and introduced Mr. Jones, Board Member.

Mr. Jones expressed the Secretary-General's regret at not being present. He gave a resume of Data for Development's background, aims and activity, pointing out that his organization studied and evaluated the role of information in economic and social development and promoted international cooperation and exchange of experience in that field. Data for development's activity was mainly oriented towards the developing countries.

Mr. Jones indicated that Data for Development proposed holding an International Seminar on "The Organization and Use of Data in Public Administration and their role in economic and social development" in June 1979, possibly in Tunisia. Data for Development requested IFIP co-sponsorship of the Seminar, help with the planning and active participation of the Technical Committees.

Following discussion, during which TC 8's similar interests were raised, it was moved that IFIP agree to co-sponsor the Seminar with no financial involvement, but help in the work.

General Assembly unanimously ADOPTED the motion.

#### Action

Mr. Tanaka requested the TC Chairmen to kindly take note of Data for Development's wish for their active participation.

Mr. Jones pointed out that Data for Development disseminated the results of its work through the publication of reports and produced a quarterly newsletter.

Mr. Tanaka presented his report (CGA OSLO 78/ICIL-1) summarizing activities involving ICIL and some of IFIP's relationships with other organizations.

Mr. Tanaka said he was happy to see Mr. Kalman of UNESCO as an Observer, and was very encouraged by what was beginning to evolve between IFIP and UNESCO.

Mr. Tanaka introduced document (CGA OSLO 78/ICIL-2) and pointed out that ICIL had defined objectives to make IFIP more active in organizing activities in developing countries and to assist people from those countries to participate in international events. Mr. Tanaka felt that some events where UNESCO support might be appropriate were Euro-IFIP 79, Congress 80, WCCE 81, IFAC/IFIP Shiraz Conference and Teleinformatics 79. He recalled that all approaches to UNESCO should be made via ICIL.

The President mentioned that he had met the UNESCO Director General during the recent SPIN Conference and had informed him that IFIP would be extremely honoured if he would open both Congress 80 and WCCE 81; the matter is pending.

Mr. Tanaka drew attention to the liaison activity with FIACC, of which the major burden fell upon the President.

Mr. Tanaka stated that after the establishment of the SEARC Confederation, it had been decided to maintain a liaison through ICIL in addition to the IFIP representative, Mr. Ando.

Mr. Tanaka pointed out that in liaison with other organizations, some specific delegations had been made, e.g. WHO - TC 4 (Mr. Roukens), ISO activities - TC 2 and TC 6 (respectively Messrs. Paul and Pouzin).

In this regard, Mr. Tanaka wished to ensure that individuals working with outside organizations on non-IFIP matters did not use the IFIP umbrella. It was moved that the following statement be included in the Standing Orders:

“Whenever individuals take on professional assignments or other activities with outside organizations, this shall be done s individuals and not in an IFIP capacity. Furthermore, their active IFIP role is not to be used in any general publicity.”

Action

General Assembly unanimously ADOPTED the motion. The Secretariat will incorporate this statement, in an appropriate place, in the next edition of the Standing Orders.

The President thanked Mr. Tanaka for his reports.

General Assembly unanimously APPROVED ICIL-1 and 2.

Messrs. Bennett and Verrijn Stuart raised the question of liaison and co-sponsorship of the Very Large Data Bases Conferences and the extent of IFIP involvement. Mr. Tanaka replied that IFIP had co-sponsored some of the Conferences and had made loans which had been subsequently refunded.

Action

He confirmed that ICIL would look into the possibility of establishing a more formal relationship between IFIP and the organizers of the Very Large Data Bases events.

The President said that a request had just been received to co-sponsor the 5<sup>th</sup> VLDB Conference, planned for 1979 in Rio de Janeiro, Brazil and to grant a loan of SFr. 800. He moved that IFIP agree to both requests.

General Assembly unanimously ADOPTED the motion.

Mr. de Oliveira said his Society, SUCESU, could effect the loan instead of IFIP. The President suggested that he discuss this eventuality with the Treasurer.

#### 11.5.1 UNESCO / IBI Intergovernmental Conference on Strategies and Policies for Informatics - (SPIN), August / September 1978, Torremolinos

The President said he had attended this Conference on behalf of IFIP in an Observer capacity. He had met with 25/30 delegates in an attempt to explain about IFIP.

Mr. Kalman thanked IFIP for participating in this Conference, attended by approximately 400 people from Member States, Observers, etc.

Mr. Kalman gave a briefing of the Conference and drew attention to certain recommendations relating to the development of all aspects of informatics in both industrialized and developing countries, etc. Mr. Kalman stated that UNESCO would expect IFIP to take an active part in realizing the objectives of the recommendations.

Following discussion, Mr. Tanaka requested the General Assembly to support a resolution whereby a joint IFIP / UNESCO Committee would be established to explore what IFIP could do in developing countries.

General Assembly unanimously SUPPORTED the resolution.

In reply to Mr. Hernaes' concern about conflict with Data for Development, Mr. Tanaka confirmed there would be no competition nor overlap.

#### 11.6 Publications Committee

Mr. Zemanek presented his reports (CGA OSLO 78/PC-1) and said it was his pleasure to introduce a new member of the Committee, Mr. Stiller.

Mr. Zemanek remarked that quite a number of new books had been published or were in preparation and an updated list would appear in the forthcoming Information Bulletin. He confirmed that the Royalties were in order. Mr. Zemanek stated that the Publications Committee would be looking into the

question of price and quality of IFIP books as some concern had been expressed by the TC and WG Chairmen.

Mr. Zemanek pointed out there had been a change in the copyright law in the U.S.A. and changes in other countries were anticipated. In view of this, PC suggested that copyright transfer from the authors to IFIP should be required for all proceedings and generally for all papers in IFIP publications. Mr. Zemanek drew attention to the draft copyright transfer form attached to his report and proposed the resolution:

Action

“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.”

General Assembly unanimously ACCEPTED the resolution.

Mr. Zemanek presented document (CGA OSLO 78/PC-2) describing a proposal concerning on-line publishing of compacts (abstracts of IFIP Congress and Conference papers, Editorials, etc.). It would be an experiment and the publisher, North-Holland, was prepared to cover the initial costs, including editorial expenses. Mr. Zemanek confirmed that the TC and WG Chairmen had assured their cooperation and Council was greatly in favour of undertaking the experiment.

It was moved that the Publications Committee go ahead with the Compact Journal for one year and subsequently report back to the General Assembly with a final proposition.

General Assembly unanimously ADOPTED the motion.

The President expressed his appreciation and thanks to Mr. Zemanek and to Mr. Fredriksson of North-Holland.

#### 11.7 Publication Information Committee

Mr. Morris referred back to the views expressed at the Toronto General Assembly and Bombay Council Meetings. He said two issues of the IFIP NEWS had been distributed, but deplored the lack of cooperation on the part of many Member Society Secretariats which had not replied to requests for assistance in establishing the “journal / newspaper” mailing list.

Action

Mr. Lehmann drew attention to a draft of guidelines for brief Express Reports of IFIP Working Conferences, Workshops, Symposia, etc., (CGA OSLO 78/PIC-2) prepared after discussion with those TC Chairmen present. It was proposed that TC and SIG Chairmen prepare a short Press Release within one month after each IFIP event and mail same to the IFIP Secretariat for distribution to all Member Societies and National Correspondents.

Mr. Tanaka moved that this proposal be incorporated in the Standing Orders and the Press Releases be included in the Annual Report.

Action

General Assembly unanimously ADOPTED the motion. The Secretariat will incorporate this decision in the next edition of the Standing Orders.

Mr. van der Veer stressed the importance of being aware of events prior to their taking place. He felt the 6-Year Plan could possibly include names and addresses of the events rapporteurs so they could be contacted direct by the Member Societies for information to advertise to their individual members. Attention was drawn to the problem of finding someone to translate the information supplied.

Action

A long discussion ensued on the absolute necessity of disseminating information relating to IFIP technical activity and to increasing IFIP’s visibility at large along the lines of the Toronto decision. Mr. Morris was requested to consult with his Committee to work out an effective plan of action.

#### 11.7.1 Comments on Public Information

Mr. Bruhn underlined the need to extend information on IFIP activities and referred to the previous request of the Nordic countries for such information for their individual members. Mr. Sjoner supported these comments.



Mr. Bruhn made a number of suggestions: increased visibility of IFIP publications; advance information on events, accompanied by illustrative material, to professional papers; slight financial support for TC's to seek journalistic assistance in preparing reports for professional papers, etc.

The President thanked Mr. Bruhn and felt sure that PIC would take his suggestions into consideration.

#### 11.8 Regional Conference Policy Committee

Mr. Bennett referred to his Annual Report and said the Committee had met during the Bombay Council Meeting and again in Amsterdam end May.

Mr. Bennett confirmed that these meetings had been very productive and a first draft of Regional Conference Guidelines would be drawn up for discussion.

The President hoped the Committee could terminate its work within a few months.

General Assembly NOTED the report.

#### 11.9 Statutes and Bylaws Committee

Mr. Lehmann referred to his report (GA OSLO 78/SBC-1) distributed to General Assembly Members in July 1978.

Following discussion on the wording, General Assembly APPROVED, with two objections and seven abstentions, the following proposed amendments, which the Secretariat will incorporate in the next edition of the Statutes and Bylaws: Action

- Statute 4.3.1  
Insert a third subsection "During his term of office the President may request the General Assembly in cases of emergency to admit hi as an Individual member for the unexpired portion of his term."
- Statute 3.1 b)  
Add to second subsection "An IFIP President in office may be admitted as an Individual Member only for the term of his Presidency".
- Bylaw 2.2  
Add "If the request of a President to admit him as an Individual Member is supported by a Member of the General Assembly, this will replace a recommendation by the Admissions Committee.

Mr. Lehmann drew attention to the proposed revised Section 5 of the IFIP Bylaws – Special Interest Group.

Following slight modification to the wording, General Assembly APPROVED the proposition, with three abstentions, which the Secretariat will incorporate in the next edition of the Statutes and Bylaws. (Kindly refer to Appendix I dated 18 October 1978 of the Highlights/Action Points distributed in October 1978). Action

Following a suggestion from the floor to include the Aims of IAG in the next edition of the Statutes and Bylaws, General Assembly unanimously AGREED.

The President thanked Mr. Lehmann for the work carried out by his Committee.

#### 11.9.1 Proposed Changes to IFIP Financial Standing Orders

Mr. Boyd proposed inserting the following paragraphs in Section 3.1.4 of the Standing Orders:

"Expenses incurred by members of the Executive Body must be approved by either the President for the Treasurer. Expenses incurred by the President must be approved by the Treasurer. Expenses incurred by the Treasurer must be approved by the President.

Since the official currency of IFIP is the Swiss Franc, all loans are made in Swiss Francs and must be repaid in Swiss Francs."

Action

General Assembly unanimously APPROVED these paragraphs, which the Secretariat will include in the next edition of the Standing Orders.

#### 11.10 Ad Hoc Committee on IFIP Operations

Mr. Tuori presented his report (CGA OSLO 78/IFIP OPS-1) and recalled that this Committee was established at the Toronto General Assembly to undertake various tasks in relation to strengthening the image of IFIP, fulfilling needs of the Member Societies, effectively disseminating technical “know-how” and ensuring income.

It was found there was a need for speakers for National Conferences and Seminars and for joint events with the Member Societies.

Action

Mr. Tuori said that the Committee consequently recommended the Secretary to request TC and SIG Chairmen to provide a list of speakers, with topics, who would be possible candidates for the Member Society National Conferences, Seminars, etc. (any costs to be carried by the inviting Society). IAG should also be requested to provide input on how the DP User interests could be protected. (In this connection, Mr. Tuori referred to the Zürich report of 50 major bankers from 13 countries.)

Mr. Tuori reported that after an extensive study by the Executive Body of the Committee's proposal for a Director of Operations, the financial terms regarding the candidate in question had appeared unfavourable and the Committee had decided to withdraw the proposal.

The President moved that the recommendations as presented in Mr. Tuori's report be approved.

General Assembly unanimously ADOPTED the motion.

Mr. Tuori said the Committee considered its tasks as accomplished and respectfully resigned.

The President thanked Mr. Tuori and the Committee members for their in-depth study.

#### 11.11 Ad Hoc Committee for Liaison with SEARCC

Mr. Bennett referred to his Annual Report and document (CGA OSLO 78/SEARCC-1). He advised that seven countries had joined together to form the South East Asia Regional Computer Confederation and drew attention to their Articles (appended to SEARCC-1). The President stated that SEARCC had requested an official IFIP delegate in their Council and Mr. Ando had been appointed for this function. He added that future relations with SEARCC would be handled through Mr. Ando and the ICIL Chairman.

The President indicated that the Ad Hoc Committee, having fulfilled its tasks, would now be disbanded and he thanked Mr. Bennett and his Committee members for their long and intensive work.

#### 11.12 Ad Hoc Committee for the Transformation of TC 4

Mr. Roukens said the question of transforming TC 4 into a Special Interest Group had been under discussion for a long time. He referred to the final proposition distributed to General Assembly Members in July 1978, endorsed by the TC 4, Statutes and Bylaws and Ad Hoc Committees.

Mr. Roukens drew attention to the proposed Bylaws of the SIG; which would be named “International Medical Informatics Association of IFIP (IMIA)”.

The various Articles were discussed and great concern was expressed regarding the handling of financial matters. Mr. Tuori commented on the lax way in which TC 4 dealt with financial matters and felt extremely concerned as how the SIG would operate. Mr. Morris moved that the books be in the currency of the country where they would be kept.

General Assembly ADOPTED the motion, with three objections and four abstentions.

Based on the discussion of the Articles, proposals were subsequently made for certain changes in the IMIA Bylaws and presented in document (GA OSLO 78/TC 4-SIG-2).

Taking into consideration all the opinions voiced, the following recommendations were drawn up and presented to General Assembly (SIG-3):

- TC 4 will operate in 1979 (January 1 to December 31) as a SIG in accordance with the Bylaws adopted.
- The National Member of the SIG will be at the starting point the TC 4 IFIP Members without fee request for a maximum period of three years or until such time as an appropriate body in each country is identified and admitted as a National Member (refer 2.1 of Article 2).
- From a financial point of view, TC 4 will operate as a normal TC during the 1979 period.
- Royalties of publications originating from events organized with IFIP grants or loans belong to IFIP, organized with IMIA grants or loans belong to IMIA. (Exception – MEDINFO 80 Royalties belong to IMIA).

General Assembly APPROVED these recommendations, with one objection and five abstentions.

The President appointed the Finance Committee Chairman, Mr. Boyd, to be the Cognizant Financial Officer for the SIG and to report to the IFIP Executive Body.

The President congratulated Mr. Roukens and wished him every success with the transformation process.

#### 11.13 Ad Hoc Committee for Rules and Procedures for Admission

Mr. Renard presented his report (GA OSLO 78/RPAD-1) and recalled that the Committee had been established to make more precise the procedures adopted for IFIP Membership admission and to have a better understanding of what was called a country in the IFIP Statutes and Bylaws.

Summarizing, Mr. Renard said the Committee recommended:

- the Statutes and Bylaws Committee to modify the first sentence of IFIP Bylaw 2.1.2 to read – “In assessing how representative of a country an organization...”. Action
- the Admissions Committee to process applications according to the criteria written in IFIP Bylaw 2.1.2 and particularly to examine how representative of the whole country is the applying body. Action

General Assembly unanimously APPROVED the recommendations.

The President thanked the Committee for its work.  
The Committee was disbanded.

#### 11.14 Ad Hoc Committee for Site Selection Congress 83

Mr. Boyd presented his report (CGA OSLO 78/SSC83-1) and announced that Brazil, Israel and France had indicated their intention to bid for Congress 83.

Mr. Boyd said that Mr. Renard, on behalf of France, had proposed making a presentation to the Committee to consider the suitability of the material (SSC83-2). Mr. Boyd announced that a meeting took place with France prior to General Assembly, to which Brazil and Israel had been invited, but, unfortunately, the notice was too short. Mr. Boyd emphasized, however, that it was not yet necessary for bidding countries to present material.

Mr. Boyd stated that France sought the attitude of the General Assembly in getting involved with a joint exhibition – SICOB. Mr. Tanaka underlined that no preference for any of the bids was being made, France only wished to know if they should continue discussions with SICOB, and he moved that the concept of a combined exhibition be approved.

General Assembly unanimously APPROVED the concept.

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

The Secretary reported that the Committee had found out that quite a lot of the information in the original IFIP Guide was outdated. Additionally, new areas had become associated with DP since it had been written. Although it was not a formal proposal, the Committee suggested that IFIP should perhaps consider revitalizing TC 1 on "Terminology".

General Assembly NOTED the Secretary's comments.

11.16 Ad Hoc Committee for Guidelines for Nomination Committees

Mr. Bennett presented his report (GA OSLO 78/GNC) indicating suggested Guidelines.

Action

Following discussion, the President moved that the Guidelines be noted and a final version, taking into account proposed amendments, be presented to the next General Assembly by the Statutes and Bylaws Committee Chairman, thus ensuring no contradiction with other rules.

General Assembly unanimously ADOPTED the motion.

12. IFIP CONGRESS 77 OC FINAL REPORT

Mr. Finch presented his report (GA OSLO 78/C77/OC-1) and referred to the Organizing Committee Final Report for Congress 77 which had been distributed separately to the General Assembly Members, the IFIP Secretariat and the Congress 80 Organizing Committees. Mr. Finch announced that a total of 3,548 delegates from 49 different countries registered for Congress 77, including 866 MEDINFO 77 dual registrants.

Action

Mr. Finch drew attention to the draft audited financial statement covering the period April 1975 to July 1978. He confirmed that a final audited report would be available as soon as certain matters (currency exchange rates, Programme Committee expenses) had been resolved, and he would arrange to send a copy to the IFIP Treasurer.

Mr. Finch said the general consensus was that Congress 77 had been an outstanding event and the Canadian Information Processing Society thanked the General Assembly Members for having been given the opportunity to host Congress 77.

Mr. Tanaka felt that General Assembly should recognize the excellent work and untiring efforts of the Congress 77 Organizing Committee.

General Assembly gave a VOTE OF THANKS to Mr. Finch and his Committee.

13. MEDINFO 77 OC FINAL REPORT

Mr. Roukens referred to document (CGA OSLO 78/MED 77/OC-1) prepared by Ms Barrett, OC Chairman. He mentioned that 1,033 delegates had registered for MEDINFO 77, including dual Congress 77 and complimentary registrants.

Mr. Roukens felt that, from a scientific point of view, MEDINFO 77 had been a success.

Action

Discussion ensued concerning the finances in view of certain outstanding expense claims and the question of repaying the IFIP loan in Swiss Francs. Mr. Roukens agreed to present the final financial report of MEDINFO 77 to the IFIP Treasurer by 15 November 1978.

14. CONGRESS 80

14.1 Organizing Committee - Australia

Mr. Goldsworthy referred to his Annual Report which was very current and to a supplementary report distributed at the Meeting.

He stated that the main emphasis to date had been on publicity and it was planned to mount an extensive campaign over the next two years at the major international conferences.

## Action

Mr. Goldsworthy urgently requested those Member Societies – which had not already done so – to appoint IFIP Congress 80 Liaison Officers (to whom the Call for Papers would be sent) and official Travel Agents (with whom Qantas and JAL could negotiate in order to arrange the most suitable fares). Additionally, some Member Societies had not yet submitted a list of journals (for publicity purposes.)

Mr. Goldsworthy stated that Australia was trying to develop some ancillary facilities in an endeavour to encourage attendance, including one-day Seminars on “Computing in the Mining Industry” and “Computers in Developing Nations”. A “Junior Congress 80” would be conducted in parallel with the Congress for high-school children.

Mr. Goldsworthy drew attention to the financial statement for the Australian segment of the Congress which had been prepared conservatively. A surplus of approximately SFr. 73,000 was indicated.

General Assembly unanimously ACCEPTED the Australian reports.

### 14.2 Organizing Committee - Japan

Mr. Ozeki presented his report (GA OSLO 78/C80/COCJ) and confirmed that the Organizing Committee was completely established. The names and functions of the members had appeared in the Annual Report.

Mr. Ozeki drew attention to a change in the site, firstly to reduce expenses due to unexpected currency fluctuations and, secondly, to cater for more Programme Committee parallel sessions. It was, therefore, now planned to hold the Opening and Plenary sessions at the National Theater near to Toshi-Center where the technical sessions would take place.

General Assembly unanimously APPROVED the site change.

Mr. Ozeki said the exhibition would be co-sponsored with MEDINFO 80 and Data Show 80 under one roof and called “Information Processing Joint Exhibition for ‘80’s. It would be the largest computer-related exhibition ever held in Japan and an estimated 70,000 attendees were envisaged.

Mr. Ozeki drew attention to the proposed Japanese budget for Congress 80 and discussion ensued concerning the income and expenditure figures re the Exhibition.

In reply to a query of Mr. de Oliveira, Mr. Goto advised that it was not the custom in Japan to make money out of exhibitions, but to break even. It was consequently decided to revise these figures and the Japanese OC presented an amended budget to General Assembly (GA OSLO 78/C80/OCJ-3 Revised). A surplus of SFr. 100,000 was indicated.

General Assembly unanimously ACCEPTED the Japanese report and revised budget.

### 14.3 Programme Committee

Mr. Sumner said that the Programme Committee had just met in Amsterdam and the conclusions presented in his report (GA OSLO 78/Prelim. C80/PC-1) were the unanimous opinion of the Committee.

Mr. Sumner pointed out that there were ten technical areas with appointed Chairmen and the Proceedings would be edited by Mr. Lavington of the University of Manchester.

Mr. Sumner drew attention to the problem of repetition of papers at both sites (Japan and Australia). He added that a provisional list of invited speakers with their location preference would be available in the first quarter 1979 and only in February 1980 would the acceptance of submitted papers and availability of authors be known. At that time, the Programme would be designed, bearing in mind the expressed wishes of the two Organizing Committees for repetition of papers and distribution of programme areas between the two sites. The Committee recommended a maximum parallelism at each location of five: one stream devoted to invited papers, one to panel sessions and two to three to submitted papers.

Mr. Sumner confirmed that the Call for Papers had been completely designed and would be printed in the United Kingdom under the direction of Mr. Lavington. They would be available for distribution before year-end. Mr. Sumner said he welcomed any suggestions for the efficient distribution of the Call for Papers. He drew attention to a significant change in the Call for Papers, now specifying that the papers

must be written and presented in English. Mr. Renard asked if there would be simultaneous translation in Japan. Mr. Sumner replied that this matter would be left in the hands of the Japanese Organizing Committee.

Mr. Sumner stated that, following a lot of discussion, the Congress theme had been constructed, namely, "Challenges of a Computer Presence". He added that the Proceedings would be a single hard-copy volume.

Action

In accordance with a request of the Programme Committee, the President moved that General Assembly Members provide to the Congress 80 PC Chairman suggestions for Invited Speakers, Panel Topics, Panel Chairmen or Referees. Also, to encourage submission of papers from respective countries and local participation.

General Assembly unanimously ADOPTED the motion.

General Assembly unanimously APPROVED the Programme Committee report with thanks to the Chairman and Committee members.

15. MEDINFO 80

15.1 Organizing Committee

Mr. Roukens presented reports (CGA OSLO 78/MED80/CO-1 and 2) and advised that a lot of progress had been made, the Committee having met four times since August 1977 under the Chairmanship of Mr. Oshima. Mr. Roukens indicated that much discussion had taken place on financial matters and it had been decided there should be a surplus of U.S. \$20,000 budgeted. The registration fees would, however, be expected to be paid in Japanese Yen. Mr. Roukens said that 600 participants were anticipated from Japan and 75 from other Southern Asian countries.

Action

Mr. Roukens was charged to submit to Council, prior to its March 1979 Meeting, a budget for MEDINFO 80 including a minimum surplus of U.S. \$20,000.

Mr. van der Veer moved that Council be empowered to approve the MEDINFO 80 budget.

General Assembly unanimously ADOPTED the motion.

15.2 Programme Committee

Mr. Roukens introduced report (CGA OSLO 78/MED80/PC-1) and advised that the Programme Committee was working extremely efficiently under the Chairmanship of Mr. Collen. The entire Programme had been designed and the final layout and content of the Call for Papers would be established at the Programme Committee's October 1978 meeting.

16. EURO- IFIP 79

16.1 Organizing Committee

Mr. Fisher referred to his Annual Report and supplementary report to Council and General Assembly Members.

Mr. Fisher confirmed that the Conference venue had been booked (the Wembley Conference Centre in N.W. London) and over 40,000 copies of the Call for Papers had been circulated to Member Societies and other sources. The President queried the distribution list and requested Mr. Fisher to subsequently clarify him on certain items.

Mr. Fisher indicated that the Exhibition was well on its way to organization, with 20 % of the space already sold.

Mr. Fisher stated that the delegate fee had been discussed in Council and Council Members had agreed to an average fee of £ 80 with a discount for early bird registration and / or block bookings.

Mr. Fisher announced that a final brochure on Euro-IFIP 79 would be produced before March 1979 and Member Societies would be contacted on their requirements and mailing deadline dates.

Mr. Fisher drew attention to the 4<sup>th</sup> draft budget based on a participation of 750 delegates and 100 speakers at respectively £ 100 and £ 80 per head approximately.

The President thanked Mr. Fisher for his comments and General Assembly NOTED the reports.

## 16.2 Programme Committee

Mr. Overgaard referred to his Annual Report and document (GA OSLO 78/EURO-IFIP 79 PC)

He said the Committee had decided on a four-day Conference (25-28 September 1979) covering seven programme areas, which would coincide with a four-day Exhibition.

### Action

Mr. Overgaard expressed his concern at the urgency and size of the task of attracting high-quality speakers and papers. The President underlined the importance of making Euro-IFIP 79 a very successful event and charged the European General Assembly Members to use personal contact and influence within their respective countries to secure additional submission of papers by end October 1978.

The President wished Mr. Overgaard and his Committee every success in their endeavours and General Assembly NOTED the reports.

## 17. OTHER EVENTS

### 17.1 SEARCC 78

Mr. Bennett commented that he had attended SEARCC 78 in Manila from 4-8 September. The Conference had been attended by 563 delegates from 15 countries. He added that the SEARCC 78 OC did not have to use the IFIP loan and the distribution of SEARCC 78 Proceedings would be discussed with North-Holland.

### 17.2 SEARCC 80

#### Action

Mr. Ando indicated that SEARCC 80 was planned in Jakarta for the week following IFIP Congress 80. He expressed a little concern regarding its organization and said he would investigate and report on the matter at the next Council Meeting.

### 17.3 JCIT 3 – (Third Jerusalem Conference on Information Technology) 6 – 9 August 1978

Mr. Chevion presented his report (CGA OSLO 78/ JCIT) and announced that the Conference had been very successful with 2,800 participants from 30 countries. He added that the technical programme had been extremely satisfying and the Proceedings were being published by North-Holland in a hard-cover edition.

#### Action

Mr. Chevion commented on the Youth Olympics conducted under the aegis of JCIT-3 which had proved rewarding, and the President agreed to propose this idea to the WCCE 81 PC Chairman.

### 17.4 Teleinformatics 79

Mr. Renard pointed out that Teleinformatics 79, initiated by TC 6, would be an international state of the art Conference on the applications of new techniques for Information Transportation and Processing, and their likely impact on society in the 1980's.

Mr. Renard presented the Organizing and Programme Committee reports (CGA OSLO 78/TEL/79-1 and 2) and drew attention to the proposed new timing of the Conference – 11-13 June 1979. Mr. Renard stated that the official sponsorship of UNESCO had been agreed to by the Director-General who had also accepted to welcome the Conference in the UNESCO building at reduced rates.

Mr. Renard said the reports had been thoroughly discussed in Council which recommended General Assembly to:

- approve the change of date;
- approve the budget, with a strong recommendation to the organizers (AFCET) to reduce the expenses of the Conference administrative secretariat;

- approve the appointment of Messrs. Carteron and Barber as respectively OC and PC Chairmen.

Action

General Assembly unanimously APPROVED the recommendations.

Action

Mr. Renard mentioned that Bombay Council had suggested certain people might be allowed to benefit from a reduced fee arrangement (academics, participants from Eastern European and developing countries) and TC 6 had been charged to define the categories. He would follow up with the TC 6 Chairman on this point.

17.5 ICCA (International Conference on Computer Applications in Developing Countries) 22-25 August 1977

Mr. Chevion recalled that a preliminary report had been presented to the Toronto General Assembly. He introduced documents (CGA OSLO 78/ICCA-1 and 2) and confirmed that the Conference, which took place in Bangkok, had been successful with 320 participants from 35 countries (including 16 developing countries).

18. FUTURE MEETINGS

The President confirmed that Council had accepted Mr. Gvozdyk's invitation to hold the March 1979 Meeting in Bratislava, which would take place from Monday, 26 March through Wednesday, 28 March, with possibly an Executive Body Meeting on Sunday afternoon, 25 March.

The President mentioned that The British Computer Society had offered to host the 1979 Council and General Assembly Meetings, in view of the Euro-IFIP 79 Conference, and these were planned for the period Friday, 21 September through Monday, 24 September.

The President invited the General Assembly Members to consider hosting the 1980 Council Meeting (first quarter).

19. OTHER GENERAL ASSEMBLY BUSINESS

The President announced that it had been decided to reactivate a very old Future Policy Committee under the Chairmanship of Mr. Narasimhan with Messrs. Tanaka and Zemanek as Committee members. The Committee was charged to look into the future of IFIP with regard to activities, aims and scope, structure, etc., and would present its first ideas to the Bratislava Council.

Action

The President proposed that everyone make an effort to reply to letters within fourteen days.

General Assembly ACCEPTED the proposal, with two abstentions

Action

The President requested Officers to kindly advise the Secretariat of long vacation and / or other long absences from normal contact point.

20. CLOSING OF MEETING (23:00)

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

He reiterated his thanks to the outgoing Officers and Members of all their work and his deepest appreciation to Mr. Tanaka, Past-President, for the guidance and assistance he had received during his first year or presidency.

The President declared the Meeting closed.



APPENDIX 1WG 5.7 (Automation of Production Planning and Control)

The aim and scope of the working group is to promote and encourage the advancement of the field of computer systems for production planning and production control.

The Working group shall address itself to topics such as:

- design of and need for new production planning and control systems, taking into account new technological and market developments;
- standardization of international acceptable terms and phrases;
- reduction of costs through development and standardization of techniques, software and hardware;
- development of the international level of know-how.

The working group will have the following specific tasks in furthering the area of its scope:

- a. maintain liaison with the other appropriate national and international organizations and IFIP TC's and WG's working in related fields;
- b. conduct working conferences and symposia as deemed appropriate in furthering its scope;
- c. stimulate and sponsor research investigations and economic and social studies into the various aspects of the topics of its scope.

APPENDIX 2WG 10.1 (System Concepts and Characteristics)

**Aims:** The aims of the working group are to promote the exchange of information in the area of system architecture and structure and, thereby, to improve the understanding of the state of the art in this area. To develop from there a methodology for the design of digital systems.

**Scope:** The scope of the working group includes

- to make accessible accurate descriptions of the architecture and structure that are actually implemented in Data Processing Systems;
- to establish a list of architecture and structure features which are identical or similar;
- to describe common characteristics of those features respectively and their differences;
- to develop the methodology of system architecture.

The system under consideration will extend from Microprocessors up to large-scale Data Processing Systems.

APPENDIX 1WG 10.2 (Hardware Description Language and Design Automation)

**Aims:** Development and evaluation of a family of specification and design languages which allow the description of all phases of the design from complex system architecture down to the level of elementary logical units in a consistent way. Development of design automation tools based on this family of languages.

**Scope:** The scope of the working group includes

- preparation of a guideline document, establishing the goals and mandatory requirements of the design language as well as the requirements for its presentation;
- selection of 'benchmark' problems representative for the various areas and levels of digital design to be used in the evaluation of the proposed design language;
- development of one or more design languages based on the guidelines;
- evaluation and, if satisfactory, selection and publication of a design language;
- development of tools for simulation, evaluation and verification.

APPENDIX 1WG 10.3 (Software / Hardware Interrelation)

**Aims:** This working group is directed towards the reduction of software costs and complexity by developing suitable architectures, or by implementing functions in hardware, or firmware, and also towards the evaluation of such developments.

**Scope:** The scope of the working group includes

- identification of problem areas 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 potential hardware functions that could reduce software cost;
- implementation of such functions by combination of data paths and controllers based upon microprogramming;
- implementation of system by interconnected autonomous processor/store elements working in concert;
- consideration of methods to meet special requirements, e.g. fault tolerance in hardware and software.