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COUNCIL MEETING
Singapore
11-12 March '87

ATTENDANCE

Council Members Present

A.W. Goldsworthy	President
K. Ando	Past-President
G. Glaser	Vice-President
Bl. Sendov	Vice-President
G.J. Morris	Vice-President
A. Melbye	Vice-President
J. Fourot	Secretary
O.M. Dalton	Treasurer
P.-X. Guo	Trustee
A.A. Verrijn-Stuart	Trustee
H.W. Le Roux	Trustee
G. Sacerdoti	Trustee
L. Penedo	Trustee
R. Iau	Trustee
P. Kovacs	Trustee

Council Member Absent

A.A. Dorodnicyn	Trustee
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TC Chairmen Present

R.E.A. Mason	TC 2
W. Brauer	TC 3
R.P. Uhlig	TC 6

Committee Chairmen/Members Present

D. Dolan	Chairman - Congress 86 OC
S. Yau	Chairman - Congress 89 OC

Committee Chairmen/Members Present cont.

H. Gallaire	Chairman - Congress 89 PC
J.H. Finch	Chairman - CGC and SSC
C.J. Potter	Chairman - SBC
Karen Duncan	Member - PC/Publications Officer
J.E.D. Navez	Member - ADB/Conference Officer
P.H. Enslow, Jr.	Member - ADB/ICCC
A. Alvarez-Rodriguez	Member - DCSC
A. Balasubrahmanian	Member - DCSC
S.B. Jaiyesimi	Member - DCSC

Observers Present

T.-L. Wee	President, Singapore Computer Society
D. Cheung	SEARCC/Hong Kong
B. Gunadi	SEARCC/Indonesia
Y.R. Karunaratne	SEARCC/Sri Lanka
C.F. Lau	SEARCC/Malaysia
R. Li	SEARCC/Hong Kong
K.B. Nair	SEARCC/Malaysia
J.L. Rosenfeld	IFIP Newsletter Editor
E. Fredriksson	North-Holland Publishing Co.
Stephanie Smit	North-Holland Publishing Co.

In Attendance

J. Amemiya	Assistant to K. Ando
Gwyneth Roberts	IFIP Secretariat - Geneva

Secretariat

Amy Wong	Secretary to R. Iau
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n.b. Certain participants were not in attendance full-time.

1. CALL MEETING TO ORDER

The President opened the Council Meeting and extended a cordial welcome to all participants. He commented on the excellent arrangements and courtesies which were highly appreciated by IFIP.

Mr. Iau introduced his colleagues from SEARCC and asked Mr. Lee, President of the Singapore Computer Society, Host, to take the floor.

Mr. Lee expressed the appreciation of his Society to host such a distinguished gathering and trusted everyone would benefit from the Meeting, arrangements, and stay in Singapore.

Mr. Fourot advised that Mr. Dorodnicyn, Trustee, was the only absent Council Member.

Mr. Fourot announced the excuses of absent invitees.

Mr. Verrijn-Stuart said a few words in memory of A.A. van Wijngaarden, one of IFIP's founding fathers, who had passed away at the age of 70 years on 9 February 1987. He enumerated the distinguished career of Mr. van Wijngaarden, his work in connection with Algol 68, etc., his various distinctions, and - above all - his wise and lovable personality .

Council respectively PRAYED, during a minute of silence, for Mr. van Wijngaarden.

2. APPROVAL OF AGENDA

Council unanimously ADOPTED the Agenda.

3. APPROVAL OF PREVIOUS MINUTES (C2 DUBLIN 86)

Council unanimously APPROVED the Minutes of the Dublin Council Meeting.

4. EXECUTIVE BOARD REPORTS

4.1 Report of the President

The President advised that the Executive Board had met prior to the Council Meeting and stated that

salient issues would be presented with the relevant Agenda items.

4.2 Report of the Secretary

Mr. Fourot recalled that, on 25 September 1986, he had officially notified ENSI, the Algerian Full Member, that its Dues were three years in arrears and, as a consequence, would be subject to termination in accordance with the Statutes and Bylaws. He had re-written in February 1987, to no avail, and Algeria was thus considered to be no longer a Member of IFIP. Mr. Fourot mentioned that Algeria had not sent a representative to the General Assembly Meeting during the last ten years. He underlined that exclusion of a Member did not prevent persons from that country participating in IFIP Working Groups.

Mr. Fourot commented on the very convenient and attractive new premises of the IFIP Secretariat which Ms. Roberts had found after several months of struggle. They were inaugurated in early November 1986 in the presence of Past-President Bobillier, Treasurer Dalton, himself and people from the local community, including Messrs. Levrat and Tschritzis of the University of Geneva.

Mr. Fourot stated that he and Mr. Dalton, together with Ms. Roberts, had conducted an analysis of the work-load at the Secretariat which was quite substantial. As Ms. Niklaus (part-timer) would be leaving end June 1987 and it had been agreed to take on a full-timer, a job description had been established for that position and several candidates were being considered. The selected person would commence 1 June 1987.

Mr. Fourot reported on his involvement with UITA (Union of International Technical Associations) - an Unesco-related organization which was eager for IFIP to become a member. As IFIP was a member of ICSU (International Council of Scientific Unions), this was not deemed appropriate. However, as a goodwill type of move, Mr. Fourot proposed that he accept the UITA invitation to be an Observer on its newly-formed Informatics Working Group. Council concurred.

Mr. Fourot drew attention to the 'Continuing Action List' which had been despatched to all concerned parties on 23 January 1987 and, again, requested that he be advised once an action had been undertaken so that the List could be purged.

4.3 Report of the Treasurer

Mr. Dalton referred to TREAS-1, the Statement of Receipts and Expenditures for 1986 and the Balance Sheet as at 31 December 1986, and pointed out that it was

'Provisional' in view of the earliness of the Council Meeting. The Accounts would shortly be audited and the final figures, together with the Auditor's Report, would be presented to the next General Assembly Meeting in the usual way. He drew attention to the requested provision for contingent liability (10% of the previous year's expenses). The fiscal year 1986 would end with a deficit.

Mr. Dalton presented TREAS-2, 1986 'Provisional' Actual against Budget, and the 1987 Budget. He advised that the provisional loss figure for 1986 included the contingent liability of SFr.44,000 and expenses related to the new offices of the IFIP Secretariat (approximately SFr.19,000 plus increased rent and charges of SFr.14,000). He recalled that the Secretariat's 1986 original budget had been increased by a GA-approved additional SFr.50,000 to cater for its expansion. It had terminated the year well within its amended budget.

Mr. Dalton commented on the other expenditures and explained that the Conference Officer's expenditure included the purchase of a computer system (which had been approved). The Technical and Other Committees had utilized approximately half of their budgets and Mr. Dalton considered those budget figures were still not as realistic as they should be.

On the income side, Mr. Dalton was happy to note that the Royalties had realized around SFr.136,000 (not as high as the 1985 result, yet SFr.10,000 above the budgeted figure). He explained that the interest on the SBC, U.K. investments did not meet the targeted figure as interest rates had considerably dropped world-wide. Surpluses, which were normally not budgeted, were in the region of SFr.31,000.

Attention was drawn to the small amounts utilized against the budgeted amounts for the IFIP and DCSC (ICID) Development Funds and the President said they should be treated as 'growing' Funds - i.e. unspent amounts being carried forward each year.

Action

Regarding the large amount of outstanding loans (which represented a good part of the net assets), Mr. Dalton said he had again written to all the TC Chairmen requesting status information. Some of the loans dated back to 1984 and he felt the TC Chairmen should be very conscious of that. The Finance Committee would be addressing the issue in order to establish further guidelines.

Action

Mr. Glaser considered that if a more realistic budget could be obtained, it would not be necessary to have the 'reserve' amounts. Other funds were in the budget which could be utilized if deemed appropriate. The Treasurer and the Finance Committee were reques-

Action

ted to resolve same.

Mr. Dalton referred to the Membership Dues situation as at 5 March 1987 and was pleased to record that 11 Members had already paid their 1987 Dues. Apart from Algeria, whose Membership had just been terminated, Egypt and Yugoslavia were still owing balances for 1984 and their Dues for 1985 and 1986. Mr. Dalton confirmed that follow-up letters had been sent to all delinquent countries.

5. ACTIVITY DEVELOPMENT BOARD

Mr. Glaser very sadly announced the tragic passing away of Mr. J. Rodgers who had represented FACE at the previous ADB meeting in Dublin, 1986.

Mr. Glaser advised that ADB had held two half-day sessions prior to the Council Meeting and drew attention to his report (the Minutes of the discussions) - CI Singapore 87/ADB.

The President considered that, as most of the Council participants had been present at the ADB sessions, it was not necessary for Mr. Glaser to repeat all the issues.

For the sake of the Council Minutes record, the issues discussed at ADB are briefly enumerated hereafter:

DISCUSSION OF ADB CHARTER

- Possible amendment in respect of specific approval authorities.
- ADB would continue to seek approval for events by mail.
- Mr. Sacerdoti would be responsible for monitoring TC Reviews on behalf of ADB.

SPONSORSHIP/CO-SPONSORSHIP POLICY

- Action
- ADB would prepare a form stating the conditions of IFIP Sponsorship of an event for the information of those requesting same.
 - Sponsorship/Co-Sponsorship requests involving a financial commitment by IFIP would be referred to the President together with ADB's recommendation.

LOANS VERSUS GRANTS

- Action
- ADB would work with the Treasurer and the Finance Committee to establish better guidelines for justifying requests for grants.
- Action
- ADB would work with the Treasurer and the Finance Committee to establish better controls on the ultimate disposition of grant funds and the settlement of loans from IFIP.

TECHNOLOGY

- Action
- Mr. Sendov would report to ADB in Budapest on his efforts to identify specific areas of technology and specific individuals who

could be relied upon to carry out initiatives in the areas of 'Signal Processing', 'Optical Computing', 'Microcircuit Engineering', 'Bio and Molecular Computing' and 'Non-conventional Architectures'.

TC CHAIRMEN REPORTS

- Various points covered under the TC report to the Council, Agenda item 6.1 - 6.9.

APPROVAL OF ACTIVITIES

- ADB had approved 23 IFIP-organized events during the past six months and had agreed to co-sponsor, without financial obligations, three other events.

CONFERENCE OFFICER

- Mr. Navez had reported to ADB on the Six-Year Plan. He had recently compiled a summary of past and future events for each TC and the TC Chairmen had been asked to review those documents for accuracy and completeness. Action
- It had been agreed to postpone modifying the Job Charter of the Conference Officer pending further discussions between ADB and FC regarding reporting requirements.

ROLES OF AFFILIATES

- A position paper prepared by Mr. Freeman (IAPR) and subsequent remarks of Mr. Enslow (ICCC) had led to an in-depth discussion. The President had then drawn a sketch of a structure that embodied both the technical aspects of IFIP's work and the Member Nation aspects. It was agreed that IFIP had to strengthen the role of its Affiliates and aggressively seek additional Affiliates if it were to survive.
- Mr. Glaser, assisted by Messrs. Mason and Le Roux and Ms. Duncan, would prepare for the next GA Meeting a list of services that IFIP might offer to Affiliates as a way of attracting and keeping them in the IFIP community. Action

The President thought that the Executive Board and the Affiliate Members should get together to thrash out all pertinent issues. Action

MEMBER SOCIETY REPORTS

- It had been agreed that certain information of an archival nature should be collected only once and up-dated as needed. GA Members should be asked to focus on issues in their respective countries. Action

TC REVIEWS

- IMIA would be reviewed for the first time and Mr. Melbye would Chair the IMIA Review Committee.

WORKING GROUP POSITION PAPERS

- Mr. Potter had asked ADB to consider his proposal that Working Groups prepare Position Papers on the 'current expert thinking on issues'. It had been agreed to ask the WG Chairmen to focus their reports on issues, with the understanding that GA Members could distribute same to their constituents should they wish to do so. Action

TASK GROUP ON ARTIFICIAL INTELLIGENCE

- Mr. Mason had agreed to Chair a Task Group to investigate the establishment of one or more new WG's and possibly a new TC in the area of AI, and to report to ADB in Budapest.

Action

STANDARD DEVELOPMENT

- Mr. Uhlig had advised that he had received replies from several TC Chairmen to his recent request regarding 'prestandards consensus operation'. He would report further to ADB in Budapest.

Action

IFIP IN THE 21ST CENTURY

- The report of Mr. Le Roux had been distributed once again with a request for comments.

Action

REGIONAL ACTIVITY

- Mr. Le Roux had reported on recent activity regarding the African Regional Computer Confederation (ARCC).

PUBLIC SECTOR DATA PROCESSING

- TC 8 had now assumed the responsibility for IFIP events in the area of PSDP.

ADDRESS DATABASE FOR TC EVENTS

- Mr. Navez had reported on the proposed use of a PC-based address data base to support TC activities.

CERTIFICATION AND LICENSING

Action - Mr. Glaser would follow up on the subject matter.

DUTIES OF COGNIZANT OFFICERS

Action - SBC had been asked to review - for completeness and accuracy - a draft paper setting forth the duties of CO's.

Action - Mr. Glaser had felt that SBC could also look at the duties of TC Chairmen.

The President thanked Mr. Glaser and his ADB members for all their hard work.

6. TECHNICAL COMMITTEES

6.1 TC 2 (Programming)

Mr. Mason advised that TC 2 had not met since the last GA Meeting, although a good Working Conference had taken place in Portugal in early November 1986. The Proceedings were due to appear in October 1987.

Mr. Mason said that a large part of the activity of WG 2.2 and WG 2.6 over the last 8-10 months had been to put together two proposals, which he had discussed

in ADB, and concerned a new type of initiative - Seminars summarizing the State-of-the-Art in the areas covered by those WG ' s (Formal Description of Programming Concepts and Database Principles and Concepts) to be held in Developing Countries. This initiative arose from a concern to do something with DC ' s . The Seminars would be conducted by the Working Groups' members and organized in collaboration with DCSC in Latin America (1988) and South East Asia (1989). It was intended to produce written summaries which could be used in DC's and further developed. Mr. Mason added that ADB favoured the project and, in principle, would make funding available (grants up to SFr.8,000 and loans up to SFr.16,000 for each event) subject to consultation with the FC Chairman; Unesco would also be approached.

Mr. Mason mentioned that three events had been approved by ADB:

- TC 2 Open Conference on "Functional Programming", Portland, Oregon, U.S.A., 14-16 September 1987.
- TC 2 Workshop on "Partial and Mixed Computation", Ebberup, Denmark, 18-24 October 1987.
- WG 2.6 WC on "Visual Database Systems", Okinawa, Japan, 3-7 April 1989.

Concluding, Mr. Mason informed that TC 2 would be recommending at the next GA Meeting the formation of a new Working Group - 2.8 - on "Functional Programming". Mr. Glaser added that ADB endorsed same.

WG 2.7 "Operating System Interfaces" had become increasingly interested in 'User Interfaces' and was actively considering a change of name, and certainly a revised Scope and Aims. Assuming same would be adopted by TC 2, Mr. Mason hoped a recommendation could be placed before the Council/GA before too long.

The President thanked Mr. Mason for his report.

6.2 TC 3 (Education)

Mr. Brauer announced that TC 3 had not met since the last GA Meeting. However, a very successful Int. Conference on "Remote Education and Informatics - Tele-teaching 86" had taken place in Hungary, 20-25 October 1986. One outcome of that Conference was that participants had asked TC 3 to form a WG on the subject of "Tele-teaching in Remote Education and Informatics". Proceedings of the Conference would shortly be available.

Mr. Potter said the DC's he was acquainted with were intensely interested in "Tele-teaching" and he would like to receive information from Mr. Brauer on the Action eventual Working Group.

A TC 3 meeting was taking place in Bombay, 12-14 March 1987 and Mr. Brauer was happy to note that Cognizant Officer Verrijn-Stuart would also be in attendance. The meeting would be followed by a Workshop on "National Issues on Computers in Education" organized in collaboration with the Indian Institute of Technology and the Computer Society of India. If it proved successful, TC 3 would generate similar Workshops in other DC's.

Mr. Brauer added that it was the first time since the early 70's that TC 3 was holding a meeting outside of Europe and the U.S.A. TC 3 hoped to increase the geographical distribution of such meetings, yet it must be borne in mind that most of the TC 3 members and WG Chairmen worked for Educational Institutions which did not have much money for travel support. Mr. Brauer felt he would have to ask IFIP for additional financial assistance for TC 3.

Mr. Brauer mentioned that WG 3.1 had planned a WC on "Educational Software Production, Distribution and Evaluation" to take place in Iceland in 1989. (This was approved by ADB.)

Mr. Brauer gave a briefing on TC 3's close co-operation with Unesco and mentioned that the WG 3.1 Chairman, Mr. Bollerslev, had participated as an Observer at Unesco's Conference on "Education - Development and Improvement of Secondary Education: Objectives, Structures, Content and Methods" in Geneva, 2-11 December 1986 and had submitted a detailed report to TC 3. TC 3 was helping Unesco with its Intergovernmental Informatics Programme (IIP). TC 3 was additionally aiding Unesco in making studies on "The Introduction of Computerized Information Processing for the organization of Studies in Higher Education" and "The Impact on Educational Personnel Training of Informatics in General Education". Mr. Brauer said TC 3 hoped to intensify its co-operation with Unesco.

Mr. Penedo, DCSC Chairman, said it would be most helpful if he could be copied in on information of TC 3's activities

Action
Action

with Unesco as this was important for DCSC's planning. His comments also applied to the other TC's.

6.2.1 WCCE 90 (Sydney, Australia - End August 1990)
Mr. Brauer reported that at its third meeting, in Bombay, the PC would formulate a more detailed programme. He again outlined the nature of WCCE 90 (refer GA Dublin 86 Minutes, pages 25-26) and felt it would attract a great number of people. He underlined that the pre- and post-Conference activities taking place in respectively New Zealand and

Japan would be advertized in all the WCCE 90 publicity. The idea of the linked-in events to WCCE 90 was also to attract more people from Europe and the U.S.A. to that region of the world.

Mr. Dalton requested Mr. Brauer to kindly send him details of the WCCE 90 budget as soon as available. Action

The President thanked Mr. Brauer for his reports on TC 3 and WCCE 90.

6.3 TC 5 (Computer Applications in Technology)

Mr . Sacerdoti , Cognizant Officer, said Chairman Rolstadas regretted he was unable to attend the Council Meeting as he was scheduled to attend a TC 5 Seminar in Beijing, China, 1-3 April 1987 contiguous to a TC 5 meeting. However, he had sent a detailed report for Council participants (C1 Singapore 87/TC 5-1) which had been distributed.

Mr. Sacerdoti advised that the TC 5 membership was now relatively stable with active participation; however, membership from Eastern Europe and DC's was solicited . Action

He added that Mr. Oiling had succeeded Mr. Crespin as WG 5.3 Chairman and Mr. Warman had been appointed Chairman of the newly-established WG 5.9 "Computers in Food Production and Agriculture".

Mr. Sacerdoti reported that the second TC 5 WG Chairmen's meeting had taken place in London on 9 January 1987 to co-ordinate events and discuss various matters in preparation of the upcoming TC 5 meeting.

Mr. Sacerdoti said the TC 5 Review had not yet been finalized, but TC 5 had been re-organizing itself over the last 2-3 years. TC 5 was currently reviewing the field of Computer Graphics and that topic would be discussed at its Beijing meeting.

In conclusion, Mr. Sacerdoti informed that TC 5 was very well directed and that Mr. Rolstadas had produced 'Guidelines for application of Grants' which had recently been circulated to the TC 5 members for their comments.

The President thanked Mr. Sacerdoti for reporting on behalf of TC 5.

6.4 TC 6 (Data Communication)

Mr. Uhlig presented his report (C1 Singapore 87/TC 6-1) and advised that TC 6 had held its last meeting in Eindhoven, The Netherlands immediately after Congress 86.

The next meeting was scheduled for 22-23 May 1987 in Sintra, Portugal following "IBERICOM 87" - a General Conference on "Data Communications", Lisbon. Mr. Kovacs, Cognizant Officer, said he would attend the Sintra meeting.

Mr. Uhlig gave a briefing on TC 6's examination of strategic directions and the objectives as listed in the TC 6 1985/86 Annual Report had generally been agreed upon, and some had to be pursued with other TC's. TC 6 planned to contact WG 9.2 to explore the possibility of a Joint Conference on "Legal and Social Impacts of Telecommunication".

Further discussion on whether TC 6 should revise its Aims and Scope, and consideration of a taxonomy for Data Communication would be agenda items for the Sintra meeting.

Mr. Uhlig advised that the new Working Group 6.6 "Network Management for Communication Networks" had held its founding meeting in Cambridge, Mass., U.S.A. in early December 1986. The WG has formed a strong liaison with the ISO body working on "Open Systems Interconnection Management Framework" and its Chairman had participated at the meeting. WG 6.6 currently had approximately 27 members from some seven countries. It would meet again in May 1987 and was planning to hold a major International Symposium on "Network Management" in the U.S.A. one year hence.

Reporting on Developing Country activities, Mr. Uhlig said a special Task Group, primarily composed of TC 6 members from DC's and Chaired by the TC 6 Indian representative, had been formed to evaluate an expansion of future TC 6 activities with DC's.

The 2nd African Conference on "Computer Communications AFRICOM 87" (a joint activity between ARCC and TC 6) would take place in Harare, Zimbabwe, 8-10 September 1987.

TC 6 was working with the Computer Society of Indonesia (IPKIN), a SEARCC member, to jointly sponsor a Conference on "Data Communication" in Indonesia in either September or October 1988.

Mr. Uhlig announced that immediately following the Council Meeting, he would be presenting a half-day tutorial on "Data Communication", on behalf of TC 6, in Jakarta, Indonesia.

Unfortunately, plans for a Workshop on "Local Area Networks" scheduled to take place in Goa, December 1986, had been cancelled at the request of the Computer Society of India.

Mr. Uhlig stated that Nigeria and SEARCC (Indonesia) had appointed representatives to TC 6 which now brought the total membership to 33.

Mr. Uhlig referred to the TC 6 Meeting Attendance List attached to his report - dating from October 1980. He regretted that the earlier TC 6 files he had inherited did not contain sufficient information for him to reconstruct attendance prior to that date.

The President thanked Mr. Uhlig for his report.

6.5 TC 7 (System Modelling and Optimization)

It was regretted that no report on TC 7 activities had been received from either the Chairman or the Cognizant Officer - both of whom had not been able to attend the Council Meeting.

6.6 TC 8 (Information Systems)

Mr. Penedo, Cognizant Officer, presented Chairman Bracchi's excuses at not being able to attend the Council Meeting. However, two TC 8 representatives were present, namely: Messrs. Kovacs and Verrijn-Stuart. The latter was also the Chairman of WG 8.4 and the Editor of the TC 8 Newsletter.

Mr. Penedo said he had attended the last meeting of TC 8 which had given him an insight of the environment of TC 8.

Mr. Penedo drew attention to the report submitted by Mr. Bracchi (C1 Singapore 87/TC 8-1) and to the Appendix listing TC 8 and WG Conferences planned for 1987 and 1988 which had a wide geographical distribution. In addition, TC 8 would organize with TC 9 a WC on "The Impact of Information Systems in Developing Societies" in New Delhi, January 1988. ADB had also approved a WG 8.4 Workshop on "Office Knowledge: Representation, Management and Utilization", Toronto, 17-19 August 1987.

Mr. Penedo referred to the WC on "Governmental and Municipal Information Systems" which TC 8 was organizing in Budapest from 8-11 September 1987 following the GA Meeting. It was felt that the WC would activate a new Working Group on the topic.

Argentina, China and Nigeria had nominated representatives to TC 8 which had brought the membership up to 30.

Mr. Penedo advised that the next TC 8 meeting would be held in Sophia-Antipolis, France on 16 May 1987. At that meeting, the TC 8 Review report (which was now available and awaiting comments from the TC 8 members) would be discussed and corresponding actions defined.

It was hoped that the RC Chairman, Mr. Finch, would be able to be present, and that the RC would be able to prepare its report in final form for presentation at the next GA Meeting.

In conclusion, Mr. Penedo expressed his appreciation of the way Mr. Bracchi collaborated with him and considered that TC 8 was very well run.

The President thanked Mr. Penedo for reporting on behalf of TC 8.

6.7 TC 9 (Relationship between Computers and Society)

Mr. Iau, Cognizant Officer, presented Chairman Sackman's excuses at not being able to attend the Council Meeting, and drew attention to the latter's report (the Minutes of the last TC 9 meeting, Dublin, 25-26 August 1986).

Mr. Iau said he would like to highlight a few items of the report.

TC 9 had held a fairly successful Second Conference on "Women, Work and Computerization", Dublin, 27-29 August 1986. Approximately 60 participants had attended the WC, the topics of which included 'female-dominated occupations', 'women workers in DC's', 'office automation skills', 'participation of women users in IS development' and 'female workers with robotics'.

Ken Owen, the free-lance journalist and writer of articles on IFIP TCs, had attended the TC 9 Dublin meeting and subsequently written an article which had been published and distributed by the IFIP Secretariat in February 1987.

The next TC 9 meeting would take place in Amsterdam on 27 and 28 June 1987 and Mr. Iau said he hoped to attend same .

In conclusion, Mr. Iau drew attention to the planned activities for TC 9 (listed in an Appendix to Mr. Sackman's document) which were also well spread: The Netherlands/June 1987, F.R.G. /August 1987, U.S.A./October 1987, Israel/December 1987, India/January 1988 and Belgium/January 1988. The Fourth Conference on "Human Choice and Computers" was scheduled for 1990, but the lieu had not yet been selected.

The President thanked Mr. Iau for reporting on behalf of TC 9.

6.8 TC 10 (Digital Systems Design)

Mr. Kovacs, Cognizant Officer, advised that the new Chairman, Mr. Reijns, had sent a letter of apology to the President for his non-participation at the Council Meeting. He had, however, submitted a report

(C1 Singapore 87/TC 10-1).

Mr. Kovacs recalled that Mr. Reijns (the previous WG 10.3 Chairman) succeeded Mr. Aspinall following the last TC 10 meeting which had taken place in Dublin in September 1986.

Mr. Kovacs reported on conflicting dates of TC 10 and IEEE Region 8 planned events. Mr. Reijns had sent a letter to the Region 8 Director seeking co-ordination between the two parties for the future and had received a positive answer. Mr. Glaser requested that Action he be kindly kept advised on any communication between TC Chairmen and IEEE.

Mr. Kovacs said that a TC 10 RC had been established and had held its first meeting in the last week of February 1987. The members included the immediate-Past and current TC 10 Chairmen, an external expert from the University of Michigan - Prof. G. Frieder, and himself.

Mr. Kovacs referred to the recent past events of TC 10 and underlined the very successful WG 10.4 Conference on "Reliable Computing and Fault Tolerance" which had taken place in La Martinique, 5-9 January 1987 - there had been a lot of attendees.

Mr. Kovacs stated that TC 10 had approximately twelve events lined up and he wished to highlight two of them: the "8th Int. Conference on Computer Hardware Description Languages and their Applications -CHDL 87", Amsterdam, 27-29 April 1987 and the "Int. Conference on Very Large Scale Integration - VLSI 87", Vancouver, 10-12 August 1987.

Mr. Kovacs underlined that TC 10 was a very active TC. Its next meeting would be held in Rochester, N.Y. on 2 June 1987.

The President thanked Mr. Kovacs for reporting on behalf of TC 10.

TC 11 (Security and Protection in IP Systems)

Mr. Iau, Cognizant Officer, said Chairman Hoving sent his excuses at not being able to attend the Council Meeting. Mr. Hoving had, however, sent him a letter enclosing all the information that had been distributed to the TC 11 members following its last meeting which had taken place in Monte Carlo on 30 November 1986.

Regarding the Working Groups:

- WG 11.1 "Security Management". Chairman Finch was planning to hold a first meeting for May 1987 in Toronto.

- WG 11.2 "Office Automation". Chairman Bound was planning a meeting for March 1987 in London.
- WG 11.3 "Database Security". Mr. Landwehr had been appointed as Chairman and had presented to TC 11 an intense plan of activities and was in the process of looking for members.
- WG 11.4 "Crypto Management". Chairman Fak had reported to TC 11 that her WG was already very active.
- WG 11.5 "Systems Integrity and Control". Mr. Iau advised that Mr. Beatson had been nominated Chairman and he would formally appoint him.
- WG 11.6 "Multiparty Transaction Security" was a proposed new WG. Mr. Iau advised that Mr. Chaum had been nominated Chairman and he would formally appoint him.

Action

Action

Action

Action

Working Groups 11.3, 11.5 and 11.6 needed to be officially approved by the General Assembly. Additionally, all the Working Groups had to submit their Aims and Scopes for approval by the General Assembly.

Mr. Iau drew attention to the planned events of TC 11 and its Working Groups:

- WG 11.2 WC on "Office Automation Security", London, 19-20 March 1987.
- WG 11.1 WC on "Security Management", Toronto, 20-22 May 1987.
- WG 11.6 WC on "Transaction Security - Smart Card 2000", Laxenburg, 19-20 October 1987.
- TC 11 Fifth Int. Conference "IFIP/Sec '88": Computer Security in the Age of the Global Village", Brisbane, 19-21 May 1987.

In connection with the last-mentioned event, Mr. Iau circulated a letter dated 25 February 1987 from the TC 11 Australian representative, Mr. Caelli, outlining proposed plans to the Queensland Institute of Technology.

Mr. Finch advised that the Fourth Int. Conference "IFIP/Sec '86", which had taken place from 2-4 December 1986 in Monte Carlo had been a great success in terms of attendees, though there had not been as many exhibitors as expected. Mr. Finch said he expected the full financial statement would be available in the next month or so and he was expecting a surplus.

Mr. Verrijn-Stuart felt there were certain aspects that TC 11 had in common with WG 8.4 or TC 8 in general (viz. WG 11.2 and WG 11.3) and he was not sure if the overlap of interests was being attended

to. Mr. Iau agreed to follow up on this matter with the TC 11 Chairman. Action

The President thanked Mr. Iau for reporting on behalf of TC 11.

7. IMIA

Mr. Melbye, Cognizant Officer, presented President Kaihara's excuses for his non-participation.

Mr. Melbye said he had attended the IMIA General Meeting in Washington in October 1986 (organized just prior to MEDINFO 86) and it had been most interesting to meet so many IMIA people.

MEDINFO 86 had been a most successful event with an attendance of approximately 2,800 delegates from 56 countries - an impressive number for a Special Interest Group event. It had been extremely well organized with the collaboration of the U.S. Council for MEDINFO.

Mr. Melbye advised that around 275 papers had comprised the programme, and the Proceedings (a large two-volume edition) had been available at the Congress.

Mr. Melbye said that the financial outcome had not yet been finalized, but he had been told there would certainly be some surplus. Mr. Glaser added that Mr. Tanaka was confident of a surplus from MEDINFO 86 after returning loans to all parties which had provided same. A final meeting of the U.S. Council would take place in May 1987 at which point the final figures were expected to be announced.

Mr. Melbye stated that the surplus would provide IMIA with a sound basis for further activities in the coming years. He felt IMIA should be congratulated.

Mr. Melbye said he had noticed that the IMIA Bylaws had been changed. To his knowledge, the IMIA Bylaws had been presented to IFIP in 1980. It was the first time he had seen the new Bylaws which deviated a little from the rules in the IFIP Bylaws on SIG's. He had mentioned that and it was agreed IMIA would make some revisions so that they conformed. Mr. Melbye advised he had offered his assistance in that respect. He added that the points were minor, and understood IMIA - being a SIG - was not considered as a formal, legal entity. Certainly IMIA felt it was a rather independent institution and Mr. Melbye thought IFIP should try and establish or maintain a relationship with IMIA, taking into account its current policy to continue financially independently, yet at the same time belonging to IFIP. The IFIP SBC Chairman would, of course, be consulted in respect of the IMIA Bylaw revisions. Mr. Potter said SIG Bylaws definitely had to be reviewed by SBC and they and any amendments had to be presented to and approved by the IFIP General Assembly. Action

Mr. Glaser stated that a review of IMIA would take place, with immediate effect, under the Chairmanship of Mr. Melbye .

In reply to a query of Mr. Finch as to whether IMIA would utilize the services of the IFIP Secretariat, Mr. Melbye felt that the IMIA President supported the idea, but IMIA had to specify its requirements. Mr. Melbye said he planned to attend the IMIA Board Meeting in May 1987 in East Berlin and would bring up the matter for further discussion.

In conclusion, Mr. Melbye wished to put on record the very good job executed under the Chairmanship of Mr. Peterson and Treasurer Flint in tightening up IMIA.

The President thanked Mr. Melbye for his report and underlined IFIP's desire to have a very close relationship with IMIA.

8. AFFILIATE MEMBERS

8.1 IAPR

)There was nothing to report against those Agenda items

8.2 IASC

8.3 ICCC

Mr. Enslow advised there had not been much activity since the last IFIP GA Meeting. ICCC's Annual Meeting would take place in April 1987.

Mr. Enslow drew attention to one point of interest - the pace of ICCC meetings, world-wide, seemed to be increasing. In the current year, three regional meetings were planned - in North America, India and Korea. Other proposals were being received quite constantly.

Mr. Enslow underlined his great interest in seeing how the role of IFIP Affiliate Members could be enhanced and considered it was essential that some positive action be undertaken.

Mr. Enslow stated that ICCC had a fairly firmed-up location and date for "ICCC '92" - last half of October in Genoa, Italy. ICCC did not want the problem it had had with "ICCC '86" whereby there had been a one-week gap with the IFIP Congress. He wished to see better cooperation between IFIP and ICCC on issues of that nature. The President confirmed this would be the case in the future.

The President appreciated the comments of Mr. Enslow and ensured that the question of IFIP Affiliate Members would be given priority attention.

8.4 EUROMICRO There was nothing to report against that Agenda item.

8.5 IJCAII

It was pointed out that the IJCAII International Conferences attracted large crowds and that "IJCAI 89" would be taking place in Detroit the week preceding IFIP Congress 89.

8.6 FACE)there was nothing to report against those

8.7 VLDB ENDOWMENT Agenda items.

In respect of the clashes of large Affiliate events with the IFIP Congresses, the President felt recurrences of that nature should be avoided. Mr. Glaser considered it might be appropriate for the Vice-President overseeing Affiliate Members - Mr. Sendov - to discuss the issue with Affiliate Members . Action

9. COMMITTEE REPORTS

9.1 Admissions Committee

Mr. Guo referred to the application for Affiliate Membership from the Computer Graphics Society which had been tabled in view of other developments (refer Minutes GA Dublin 86, page 48). He said that ADB would pursue the matter direct with concerned parties. Mr. Penedo remarked that his Society was involved with 'Computer Graphics' and would also pursue that subject and liaise with ADB. Action

It was advised that Pakistan (a member of SEARCC) was interested in a Full Membership status. In reply to a query of the President, Mr. Iau said Pakistan was considering such a move, but nothing definite had so far been undertaken. He would investigate with the President of the Pakistan Society. Action

9.2 Congress Guidelines Committee

Mr. Finch presented his report (C1 Singapore 87/CGC-1) and stated that CGC recognized that the current Guidelines were somewhat less than useful in their present form and extremely large. There were some inconsistencies and they were also very out-of-date; additionally, two chapters were missing ('time-table of events' and 'publication liaising arrangements'). Consequently, the plan to enter the Guidelines onto a word processor had been discarded for the time being.

Mr. Morris was planning to undertake a review of the critical items for Congresses and CGC would use his results as an overview of a new Guidelines which would be substantially smaller, better referenced and much easier to maintain. Of paramount importance Action

would be revised chapters on 'Finance' and on the 'Programme' and the missing chapters would be conceived along the lines of the new format.

Action Mr. Finch advised that a draft of the new Guidelines would be reviewed by CGC prior to the next GA Meeting.

9.3 Developing Countries Support Committee

Mr. Penedo referred to his report dated 9 March 1987 and stated that DCSC, together with a number of Observers, had met just prior to the Council Meeting. The proposed Aims and Scope had been accepted and would be presented for approval at the next General Assembly Meeting.

Action

Mr. Penedo mentioned that various contacts had been established regarding the operation of DCSC - namely, with Argentina, Brazil, Peru and Spain. He advised that Peru might apply for admission as a Corresponding Member. (It was remarked that Peru was a member of CLEI.)

DCSC had received requests for money which had been postponed. DCSC would not provide financial support to non-IFIP nor non-IFIP related events.

In his briefing on regional activities, Mr. Penedo informed that Brazil was planning a Regional DCSC meeting in August/September 1987 just before and during its National Congress 1987. (This would fall around the IFIP GA Meeting time.)

Mr. Penedo stated that DCSC should be receiving some funding from Unesco upon its receipt of certain information from IFIP. Possibly Mr. Fourot and himself would shortly meet with the Unesco people.

As to future events, DCSC would be supporting the planned TC 8/9 WC on "Impact of Information Systems on Developing Societies", New Delhi, January 1988, and State-of-the-Art Seminars.

In conclusion, Mr. Penedo said he was planning for a DCSC meeting at the time of the next GA Meeting. He intended dividing the meeting into two parts - one part reserved for DCSC members and the other part aimed at fruitful interaction with TC Chairmen and other Observers.

The President was pleased to note that DCSC had made a good start.

Action The President said that the Executive Board had decided to ask Committee Chairmen to restrict their 'working' meetings to members of their respective Committees with the right to

invite, for specific purposes, other people. This did not, however, preclude them from having 'open-door discussion' meetings.

9.4 Finance Committee

Mr. Verrijn-Stuart presented his report (C1 Singapore 87/FC-1) and said that FC would hold an informal meeting during the current week and a formal meeting would be held in conjunction with the forthcoming GA Meeting.

Mr. Verrijn-Stuart drew attention to the FC Charter and underlined that whilst all items mentioned therein required continuous general attention, certain elements called for more detailed consideration: budgeting and reporting practice, conference financing and the sharing of surpluses. He felt there was a need to provide conference organizers with a pro-forma budget document or spread sheet for them to complete.

Mr. Verrijn-Stuart strongly felt that the changing trends of IFIP's sources of income might need to be scrutinized once again and further consideration be given to a more explicit linking of income to planned expenditure.

Mr. Melbye added that the question of Dues had now been resolved. Effective 1 January 1987, the scale of Dues had been raised by about 11%. Reclassification of seven countries had increased the Dues income by another 11%. Therefore, the final outcome had resulted in an increase of approximately 20%.

9.5 IFIP Committee for International Liaison

There was nothing to report under that Agenda item.

9.6 IFIP-UNESCO Liaison Committee

Mr. Fourot gave a briefing on the Intergovernmental Informatics Programme (IIP), the creation of which - after several embryo meetings - had been authorized at the General Conference of Unesco in 1986. IIP had subsequently been formed with the representation of 33 countries and its first formal meeting had taken place in Paris, 21-23 October 1986.

As a matter of interest for IFIP, Mr. Sendov (representing his country - Bulgaria) had been appointed one of the six Vice-Presidents of IIP. Mr. Danzin of France is the Chairman of IIP. Each Vice-President represents a geographical area of the world. Mr. Bjørner is the Danish representative to IIP and Mr. Hebenstreit is a member of the IIP French delegation.

IFIP had been officially appointed as an Observer as well as several other non-governmental organizations - like ICSU.

During the meeting, one of the major subjects discussed was the Programme for the coming years. Mr. Fourot stated that both he and Mr. Sendov defined IFIP's position and described the current level of co-operation between Unesco and IFIP - particularly the role of the former ICID (now DCSC). IFIP's contribution was seen as follows :

- to organize IFIP events in DC's: to bring action into various DC's. This was already being done, but probably not quite enough;
- to attract more delegates from DC's as members of IFIP's Working Groups. The WG's already had a number of DC representatives, but IFIP probably had to develop that action and publicize it to DC's;
- to organize very specific activities upon request, such as Seminars. A good example was, the TC 10 VLSI Course which had been planned to take place in Paraguay.

Mr. Fourot said he and Mr. Sendov had mentioned that, obviously, IFIP was not known enough within the various governmental circles. IIP decided to establish focal points in the various countries (either a person or a governmental organization) in charge of liaising with Unesco on the Programme. Those people should be IFIP's target audience and IFIP should feed them information about what it was doing and hoped to do. This was a commitment made on behalf of IFIP during the meeting - to give them all information on a regular basis (Bulletin, 6-Year Plan, Newsletter, etc.).

Action

As IIP recognized that 'education' was a priority element, it was planned to launch a Congress on "Informatics and Education" in the near future.

Mr . Fourot added that the Bureau (Board) of IIP would meet in Sofia in May 1987 - hosted by Bulgaria and Mr. Sendov .

Action

Mr. Sendov underlined that once the focal points had been established and publicized, it was imperative that IFIP people in every country get in touch with same as IIP needed assistance of professionals. He considered it very important for DCSC and TC 3 to be connected with the Programme which would be directed towards the Third World.

Action

Action

(It was suggested that the focal points could be publicized in the IFIP Newsletter, once known.)

Action

The President said IFIP should identify an active person in each contry to liase with IIP. Messrs. Fourot and Sendov agreed to follow up on that suggestion.

Mr. Fourot referred to the regular IFIP-Unesco relationship whereby yearly contracts had been established resulting in Unesco subsidizing certain IFIP and IFIP-related events. He had already had several conversations with the DCSC Chairman, Mr. Penedo, in respect of actively negotiating a contract for 1987.

In reply to a query of Mr. Penedo on IFIP's Category B in Unesco, and not Category A, Mr. Fourot said Category B encompassed organizations like IFIP which made voluntary contributions. Category A organizations concerned established and permanent entities which were officially charged with specific requests and time limits. He did not see any valid reason for IFIP to change its Category.

Mr. Penedo suggested that the IFIP President work in the area of public image. He felt IFIP did not have an image and the President should take care of same. Mr. Fourot agreed that IFIP had to be more visible. Action

Mr. Fourot stated that everyone felt responsible for DC's, but DCSC should be aware of what was going on. The President added that if anyone had any requests, they should be submitted to DCSC. Action

In conclusion, Mr. Fourot advised that Unesco had established the practice of awarding Science Prizes and IFIP had been asked to nominate candidates. Mr. Sendov would be handling that issue. Action

9.7 Internal Awards Committee

Mr. Fourot referred to previous discussions concerning the establishment of a TC/WG Award. IAC (comprising Messrs. Bobillier, Tanaka, Zemanek and himself) had put together a proposal based on various inputs from the TC's and its own input. It was being finalized at that time and IAC proposed calling it the 'IFIP Meritorious Service Award' - approximately 20 Awards to be given each year. The final version of the proposal would shortly be circulated to the TC Chairmen. IAC hoped to circulate the final proposal to GA Members by the end of May 1987 so that it could be voted upon at the next GA Meeting. Action

9.8 Marketing Committee

Mr. Le Roux advised that MC had just met as most of its members were present in Singapore.

During the meeting, MC had expressed its appreciation of the quality of the IFIP Newsletter, its appearance, contents, etc., and had made one or two suggestions - namely, to include status reports of the WG's (as discussed in ADB), contributions from DC's and, maybe, a reduced or revised format of the Ken Owen articles. Action

Action

Regarding the Ken Owen articles, MC agreed they were very useful. It was decided that MC would approach Ken Owen and invite him to attend the General Assembly Meeting in Budapest with the purpose of meeting TC Chairmen and possibly producing a revised version of all the TC articles. Thought could be given to a Ken Owen report on IFIP TC activities addressed particularly to the Developing Countries.

Action

As to the IFIP Information Bulletin, a new edition was in the process of being established. MC recommended that IFIP go into a floppy disk type of Bulletin so that it could be updated and published on a regular, yearly basis. (note from IFIPSEC - Bulletin 20 has been photo-composed and is on diskettes)

Action

Mr. Le Roux stated that in respect of the IFIP 25th Anniversary Volume, MC suggested - if copies were available - that they be distributed free-of-charge to Member Societies for presentation to Speakers at Conferences.

Mr. Le Roux referred to his written report and underlined that by marketing, was understood the positioning of available resources in a defined market place in order to obtain the maximum benefit. He had given a lot of thought to the available resources within IFIP. The Public Information Committee (PIC) - which had preceded MC - had done a very good job and he wished to say thank you to Mr. Morris who had Chaired that Committee. Nevertheless, he questioned the extent to which IFIP addressed the market place outside its community.

Mr. Le Roux drew attention to the Charter of the Marketing Committee which had been noted at the 1986 Dublin GA Meeting:-

The overall objective of the Marketing Committee is to maintain, develop and implement ways and means of promoting IFIP and furthering the Aims and Objectives of IFIP.

More specifically this Committee has the following Aims and Objectives:

1. Development and institution of additional and new initiatives for the implementation of Marketing Support Mechanisms as performed by the Public Information Committee.
2. Develop and implement as an on-going marketing plan, including:
 - a) Review of definition of IFIP target markets.
 - b) Review of ways and means of marketing of existing and proposed IFIP products and capabilities.
3. Review of dissemination of information mechanisms in IFIP Member Societies.
4. Developing new dissemination mechanisms via Affiliate and other appropriate organizations.

- and highlighted the need to increase the benefit due to IFIP.

Mr. Le Roux gave a briefing on MC's financial objective and felt that new publication areas could be developed; perhaps the printing of IFIP publications in a different form. In order to maintain IFIP's current level of activity, and further planned activity, increased income was required.

Mr. Le Roux said he had visited both the IFIP publishers since the last GA Meeting to see first-hand what was going on. In the case of North-Holland, Amsterdam, there was a dedicated small team working on behalf of IFIP and should that team be withdrawn, IFIP would be in trouble. IFIP could guide - via MC and PC - to reach the market place, but had no say over the publishers' final actions and, subsequently, over the results.

Mr. Le Roux stated that IFIP needed people and money - both of which were not currently available and underlined that a new positioning of IFIP resources was required .

Mr. Le Roux then put forward a proposal in order to provide IFIP with the required marketing vehicle - that a new company be formed with a suitable partner on a 50/50 ownership basis. IFIP's contribution: ownership to a vast wealth of information technology; Partner's contribution: finances for the new company, and the profit to be split 50/50. He added that the new company would operate full-time utilizing IFIP resources and developing new products based on those resources. IFIP would maintain control over its assets by representation on the new company's Board of Directors. On a long-term basis, a full-time Executive Director could be envisaged with enhanced secretarial facilities and an 'umbrella' for Affiliates, etc. Mr. Le Roux subsequently drew attention to the suggested 'modus operandi' of the proposal outlined in his report.

The President said the proposal had been discussed during the Executive Board Meeting and EB felt it would be worthwhile to pursue, though every facet of the IFIP operation had to be turned upside down and reviewed. IFIP should see what it could develop and the idea was to build on what it had and improve on what it was doing. He called for comments.

Mr. Verriijn-Stuart wondered how such a plan would affect the the IFIP image.

Mr. Penedo considered IFIP could do aggressive marketing with a low profile.

Mr. Glaser supported the proposal enthusiastically.

- Mr. Sendov thought the proposal was interesting, but he said IFIP should take a conservative stand. It would change the whole Statutes and Bylaws of the Federation which was a non-profit making organization. It would completely change IFIP. He did not see how this could be reconciled with the Swiss Law.
- Mr. Sendov queried the effect if everything were to be measured by money. He stated that people came to the IFIP Council and GA Meetings and gave of their time without being paid and the TC and WG members gave a lot of their time and energy on a non-financial basis.
- Mr. Mason said TCs and WG's were doing their work because they believed they had important ideas to contribute to mankind and needed a marketing mechanism to get contacts with others. Quality versus revenue was a very crucial issue. The objective of IFIP was not money, but State-of-the-Art.
- Mr. Guo considered to find financial support, not to make money, was more appropriate.
- Mr. Uhlig queried what would be done with the money. If given to the TC's to help them do the things they wanted to do, he felt it would be warmly received.
- Mr. Ando felt the proposal was interesting and challenging, but the image of IFIP would be altered. If presented to the General Assembly, the final version should be very, very carefully thought-out and worded.
- Mr. Iau felt rather neutral. It was obvious some kind of funding had to be obtained, but suggested that the ideas be further developed.
- Mr. Dalton said IFIP should be careful about the use of words - not to use the word 'profit', but 'increased income'.
- Mr. Penedo thought every proposal had to be studied. However, one of the strengths of IFIP was its voluntary image and a lot of advantage was taken from that image. It received funds from Unesco and contributions from its local Societies, etc. IFIP should have clear ideas on how to have money, but not to run itself as a commercial business.

The President appreciated the valuable comments and stated that IFIP had to strengthen existing mechanisms. A top priority was the question of dissemination of information. PIC had produced very valuable material for IFIP. He said everything happened in the

TC's and WG's and he would be most happy to give them the money.

The President said IFIP had to find a way of generating money and thought the Council should ask MC to further develop the proposal, as there were further issues to address, and come back with a more detailed Action proposal for presentation at the next GA Meeting.

Mr. Penedo stated that he had found the PIC-created IFIP Slide Presentation very useful, but it was now out-of-date. He volunteered to make the Slide Presentation in computer-form - most likely in time for the next GA Meeting. Action

9.8.1 IFIP Newsletter

Mr. Rosenfeld confirmed that now approximately 2,200 copies of each issue'(quarterly) were being distributed. He added that a Survey had been conducted by the Conference Officer, Mr. Navez, and around 350 replies had thus far been received - the vast majority of which had been highly positive.

Mr. Kovacs said his Society would like to receive extra copies of the Newsletter, and he was advised to contact the IFIP Secretariat in that respect. Action

Mr. Sendov wished to place on record the great success of the Newsletter. Council APPLAUDED Mr. Rosenfeld.

The President felt consideration should be given to optimizing the distribution of the Newsletter. Action

9.9 Publications Committee

Mr. Le Roux advised that PC had met very briefly in Dublin following the close of the GA Meeting, and had just held a full meeting in Singapore.

Mr. Le Roux drew attention to his written report and expressed his thanks to Ms. Smit (North-Holland) for the detailed Status Report on IFIP publications 1987/1988.

He advised that PC had established a small sub-committee to define 'State-of-the-Art Reports'. The format must be suitable for reference and tutorial use. PC would be sending a letter to TC Chairmen, inviting them to appoint a representative from the TC to an Editorial Board which would be the decision-maker. Action

Mr. Le Roux indicated that the IFIP Bibliography would be finalized shortly and go to press. It would

Action be available at the next GA Meeting. To be discussed was the possibility of an on-going Bibliography. It was suggested that this could be a floppy disk version and currently up-dated. North-Holland would make available to IFIP the typesetting tape.

Action

Mr. Le Roux said IFIP had a desire to have better control over its publication procedures - there were sources of income slipping away from IFIP because it was a volunteer organization. In that respect, he expressed his appreciation to North-Holland for pointing out that dilemma and thanked North-Holland for doing a lot on IFIP's behalf.

Ms. Duncan, Publications Officer, presented a Status of publications in the pipeline (one year back).

Action Mr. Le Roux emphasized that PC was endeavouring to obtain improved liaison with every TC and, in that regard, he would be writing to TC Chairmen to appoint PC Liaison Officers if they felt their work-load was too heavy. A similar procedure had been started with the IFIP Newsletter which had resulted in some margin of success.

Mr. Le Roux said there had been some cases where WG's had gone direct to the publisher, not via PC, which created control problems.

Mr. Le Roux advised that PC had prepared the first draft of a 'Guideline for Editors'.

Action Referring to the IFIP Publications Policy which was in the throes of being revised (a draft of which had been presented at the 1986 Dublin GA Meeting), it was hoped to circulate same to GA Members by the end of July in order to obtain approval at the Budapest GA Meeting in September.

A short version of the Publications Policy was to be produced which would be included in the Bibliography.

As decisions regarding publications were made on an on-going basis through the year, for that purpose PC had given a mandate to an Executive Committee comprised of an IFIP Vice-President, PC Chairman, Publications Officer and representatives from the two publishers - North-Holland and Springer-Verlag.

Mr. Le Roux announced that PC had approved, as an IFIP publication, a proposal from WG 8.1 - "Information System Methodologies - A Reference Framework". PC had to negotiate with the publishers.

Action Mr. Melbye wondered if he could receive an up-date of the list of sales of IFIP publications.

Concluding his report, Mr. Le Roux expressed his sincere thanks to the members of the Publications Committee and

to the publishers for their co-operation since he had taken over the Chair and he looked forward to continuing with the task.

9.10 Site Selection Committee

Mr. Finch advised that SSC (comprised of Messrs. Brauer, Dalton and himself) had met on 10 March 1987 to discuss proposals received from Bulgaria, The Netherlands, SEARCC (Singapore) and Spain. To-date, SSC members had reviewed the facilities in Madrid and Singapore and were planning to visit Amsterdam and Sofia prior to the next GA Meeting.

SSC was compiling a comparative analysis of the four sites and would confirm with each bidder the analysis relevant to the proposal to ensure a correct understanding of facts. This would be done in writing. The four bidders were requested to prepare financial budgets in Swiss Francs and a breakdown of expected attendance by country if that information had not already been supplied. Additionally, SSC would be seeking a more definite explanation of proposed financial guarantees. Action

Mr. Finch said SSC was thinking about suggesting to the bidders that they might like to send information to the GA Members - at their discretion - prior to the GA Meeting. Mr. Melbye welcomed the idea and questioned the criteria to be used at GA in judging the proposals. The President suggested that SSC circulate a list of criteria as early as possible as this would obviate any uncertainties. Mr. Finch said SSC would have the criteria firmly established within the next four to six weeks and, at that time, could mail out same to the GA Members. Action

Mr. Finch stated that the bidders should be prepared to make a formal presentation to the GA in Budapest to the order of approximately thirty minutes each. Action

9.11 Statutes and Bylaws Committee

Mr. Potter advised that a new edition (January 1987) of the IFIP Statutes and Bylaws had been distributed in February 1987. That edition included all amendments approved by GA up to and including the 1986 Dublin GA Meeting. Since then, a significant number of further amendments had been drawn up and would be presented by SBC at the next GA Meeting. Action

Mr. Potter recalled that at the 1986 Dublin GA, Mr. Morris had offered to prepare a paper for SBC on IFIP Voting Practices. Upon completion, SBC would consider its content and preferred form of publication. Action

Action Mr. Potter said SBC had to evaluate the duties of a Cognizant Officer, up-date the guidelines for Nominations Committees and prepare some guidelines for TC Chairmen.

Mr. Potter stated that the IFIP Standing Orders were also due for a new edition and involved a considerable number of new amendments. It was hoped to be able to submit the changes to the Council in Budapest for recommendation to the General Assembly.

Action In conclusion, Mr. Potter said certain changes to the SBC Charter had been proposed and it was his intention to submit a revised Charter for approval at the next GA Meeting.

9.12 Congress Committee

Mr. Sendov drew attention to his report (C1 Singapore 87/CC activities) and stated that the first meeting of the Committee had taken place during IFIP Congress 86.

After summarizing the discussions and studying a detailed 3-page memorandum sent to him by Mr. Verrijn-Stuart, Mr. Sendov said he had written a letter in November 1986 to all GA Members. In reply he had received very interesting comments from Messrs. Sacerdoti and Iau and copies were attached to his report, along with a copy of Mr. Verrijn-Stuart's memo.

The President said it should be recorded that the Committee's Ad Hoc task had been finalized and the Committee was thus disbanded - with thanks to its Chairman, Mr. Sendov, and members.

9.13 Long Range Planning Committee

Mr. Glaser said he apologized on behalf of Mr. Tanaka, who had not yet been able to compile the LRPC Job Charter, due to a change in his professional activity.

10. IFIP COMMISSION FOR THE HISTORY OF IFIP AND IP

The President presented Mr. Zemanek's report (C1 Singapore 87/HC-1) outlining the current status of the Commission's work .

11. SEARCC

Mr. Iau advised that the "SEARCC 86" Conference, Bangkok, 17-21 November 1986 - despite serious economic problems in the Asian region - had attracted a total of 458 paying delegates from some 23 countries. 37 Papers were presented and

the Exhibition sold over 2,000 square meters of space.

Of particular importance was the strong IFIP presence - President Goldsworthy and Past-Presidents Tanaka and Ando .

The Computer Association of Thailand should be congratulated for the magnificent arrangements made for "SEARCC 86".

Mr. Iau said "SEARCC 88" would be hosted by the Computer Society of India. The preliminary planning meeting was scheduled for July 1987 in New Delhi when the decisions on exact venue, Conference themes, etc. would be finalized.

Mr. Iau remarked that SEARCC was highly encouraged by the formation of DCSC and looked forward to working closely with IFIP. As a consequence, SEARCC had appointed Mr. S. Masduki, President of the Malaysian Computer Society, as SEARCC Assistant Secretary-General, responsible for regional co-ordination and activities. Mr. Iau said he, as Secretary-General, would retain overall responsibilities and international liaison .

Mr. Iau advised that SEARCC had welcomed its ninth member in November 1986 - the Sri Lanka Computer Society.

As from 1989, Mr. Iau informed that the SEARCC Conferences would be held annually instead of biennially - viz. 1989/Singapore (depending on lieu of IFIP Congress 1992), 1990/Philippines, 1991/Indonesia, 1992/Malaysia, 1993/Hong Kong., 1994/Pakistan, 1995/Sri Lanka, 1996/Thailand and 1997/India.

SEARCC was finalizing its nominations for IFIP TC and WG activities.

In conclusion, Mr. Iau announced that President B. Binson of CAT was the new SEARCC President for the term 1986-1988 whilst President H.N. Mahabala of CSI had assumed the Vice-President position for the same period.

12. CONGRESS 86

Mr. Dolan referred to his report (C1 Singapore 87/C86 0C-1) and said Congress 86 had been a truly international occasion with almost 900 delegates from outside of Ireland (i.e. 53 countries) and just under 200 from Ireland. The Opening Ceremony had featured on the national television and there had been a good coverage by the national daily newspapers.

However, there had been problems and the low attendance figure of 1,108 against a projection of 1,750 delegates had led to a financial loss. Mr. Dolan indicated that the "NCC", U.S.A.

and "NordData", Scandinavia had also had much smaller attendance figures in 1986. It would appear that people were no longer attracted to the large general-type Conference as they had been in the past. An additional problem had been the result of international terrorism, particularly in Europe. Registration had also been affected on account of a well-coordinated campaign mounted by the Anti-Apartheid Movement which had introduced a note of uncertainty regarding the holding of the Congress.

Mr. Dolan advised that the financial loss was in the region of SFr.120,000 and that a full report was in the process of preparation.

Mr. Dalton considered that a lot of promotional documentation, produced at the behest of PC, had in fact been rather wasteful. OC naturally bore the responsibility for the loss, but it was his contention that IFIP shared a part of same on account of the decision it had taken at the 1984 Varna GA to allow Panel Chairmen and Panelists a half-registration fee. At that time, it was considered a 'reduced surplus', whereas now it was an 'increased loss' and accounted for approximately SFr.90,000. At the 1985 Munich Council, it was reported that Unesco would contribute U.S.\$20,000. However, it only made available \$13,000. Additionally, from 1981 onwards, the feeling of Council and GA had been that there should be a significant move to have the Technical Programme more saleable to commercial organizations. However, it had not significantly altered from the academic and scientific Programmes of the past.

Mr. Dalton said the financial figures quoted were provisional and OC would use all means at its disposal to pay off outstanding debts. IFIP had given a loan of SFr.100,000 to Congress 86 and SFr.40,000 had already been returned. The entire loan should be repaid, but Mr. Dalton asked the Council to release Ireland (ICS) from its guarantee, taking into account the various difficulties which had been encountered.

The President said Congress 86 was obviously a major event and it was disappointing to all concerned that IFIP was facing a loss of that magnitude. He felt that only the General Assembly could release ICS from the guarantee - it would hear the final report.

Mr. Glaser recommended that the Council so recommend to the General Assembly that ICS be released from its guarantee.

Action Council unanimously ADOPTED the recommendation.

The President queried if OC foresaw coming back to IFIP to settle its outstanding debts. Mr. Dolan did not think that would be the case, but it might be that the IFIP loan could not be completely repaid.

Mr. Dolan thanked the Council for its forbearance and underlined OC was devoting all its energy to settle all matters in the most favourable manner.

13. CONGRESS 8913.1 Organizing Committee

Mr. Yau referred to his report (C1 Singapore 87/C 89 OC) and advised that OC was finalizing the selection of the headquarters hotel. There would be a cross-range of accommodation facilities available for delegates.

OC planned to organize three tutorials on Saturday, 26 August followed by three the next day. They would be on topics of current interest which would help the participants to understand the papers to be presented at the Congress. There would be separate registration for the tutorials.

In addition to industrial tours, OC planned to have tours to major research laboratories and Universities.

Mr. Yau underlined that he and the PC Chairman had worked closely on the development of the Congress during the last two months, especially in relation to the budget. However, as the revised budget had not been completed in time for approval at the last Board Meeting of AFIPS (early December 1986), OC planned to submit the Action revised budget, following AFIPS' approval, to the IFIP General Assembly in Budapest for its approval.

Discussion ensued on the time-schedule for the Call for Papers, Preliminary and Final Programmes and availability of CRC and the Proceedings. Mr. Yau advised that a one-page Call for Papers announcement would be mailed on 1 November 1987, the Preliminary Programme on 1 August 1988 and the Final Programme by 1 April 1989. The Proceedings had to be ready by 25 August 1989 and OC/PC would work out with North-Holland the editorial, printing and shipping time. A deadline date for CRC would be established.

13.2 Programme Committee

Mr. Gallaire presented his "Second Thoughts on IFIP Congress 89" - document C1 Singapore 87 -C89/PC-1, outlining Moto-Aims, Target Groups, Organization, Topics, Rationale for the proposal, Difficulties and a Draft of the PC Organization.

Mr. Gallaire gave a briefing on the envisaged Target Groups: EDP Professionals, Application Systems Designers and Developers, Researchers/Scientists and Policy Makers. He was attempting to give more importance to the Applications stream. Mr. Gallaire drew attention to the proposed 'Optional Programme' which would provide a way to more closely involve TC's and WG's (they could present their own research activities). Mr. Gallaire highlighted the proposed

Topics: Computing Science, Software Engineering, Distributed Systems, Information Systems, Artificial Intelligence and Computing Systems. The Topics would be grouped into a smaller number of areas.

Mr. Gallaire was concerned because "IJCAI 89" would take place in Detroit, U.S.A. at the end of August 1989 and the IJCAI Conferences usually attracted up to 6,000 people. IFIP should be aware of the fact that many Americans would not attend Congress 89 as they would be attending "IJCAI 89". Other Conferences might well be serious contenders - e.g. "FJCC" and "VLDB".

The President thanked Mr. Gallaire for his explicit presentation and underlined that Papers should be predominately solicited.

Discussion ensued and Mr. Gallaire invited those people who wished to contribute ideas, etc. for Congress 89 to contact him within the next one or two months.

The President moved that Invited Speakers be given free registration whilst Authors of Submitted Papers, Panel Chairmen and Panelists be given early bird registration.

Action Council ADOPTED the motion, with three abstentions.

It was further moved that Responders pay half the registration fee, at the time they registered.

Action Council ADOPTED the motion, with one abstention.

The President said he sympathized with the task of the PC Chairman.

On behalf of IFIP, the President profusely thanked Messrs. Yau and Gallaire for taking on the very difficult task of organizing Congress 89.

14. FUTURE COUNCIL AND GA MEETINGS

Mr. Fourot confirmed that the next GA and related Meetings would take place in Budapest during the period 31 August to 4 September 1987. The President understood from a letter dated 26 January 1987 from the Host Society that all visas would be issued.

Mr. Fourot advised that New Zealand had formally invited the Council to Auckland during the period 29 February to 4 March 1988. EB had approved those dates. Mr. Potter, in his invitation letter, had intimated that all necessary visas would be issued.

Mr. Fourot moved that Council accept the New Zealand invitation.

Council unanimously ADOPTED the motion, with thanks to Mr. Potter.

Mr. Potter said New Zealand would be delighted to host the IFIP Council and related Meetings. New Zealand would make full use of those in attendance and he was going to try and get all the TC Chairmen to participate. In conjunction with the Meetings, New Zealand would plan a two-day Workshop on "The World seen first-hand" and bring in people from the South Pacific region.

In 1988, Mr. Fourot confirmed that the GA and related Meetings would be held in New Delhi during the period 5 to 9 September 1988.

Mr. Fourot advised that the Council needed an invitation for its March 1989 Meeting. It was felt that Switzerland might like to host that event as no Council nor GA Meeting had been held in that country. In view of the fact that the IFIP Headquarters were housed in Geneva, the President proposed that the Swiss representative be contacted. Mr. Fourot agreed to Action telephone him upon his return to Europe.

15. OTHER COUNCIL BUSINESS

15.1 CLEI

Mr. Ando queried the current situation as IFIP had not received any information from them. Mr. Penedo said he had had no formal contacts with CLEI, but DCSC member, Mr. Monteverde (Argentina) was now in close contact with the CLEI GA representative, Mr. Vidart. It was pointed out that CLEI had to pay its Dues and participate at a GA Meeting. Mr. Penedo promised to write to Mr. Monteverde to see if he could clarify the CLEI situation. Action

16. CLOSING OF MEETING

The President said he would like to make a formal VOTE OF THANKS to the Singapore Computer Society, Mr. Iau and his SEARCC colleagues for organizing the Council and related Meetings. Everyone had been very well looked after and would leave Singapore with fond memories.

Mr. Iau remarked that it had been a very pleasant experience to plan and organize the Singapore Meetings and he assured that SEARCC wished to greatly contribute to and participate in IFIP activities.

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

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