

INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

PRAGUE 1969

LIST OF ACTION ARISING FROM MEETING OF COUNCIL AND GENERAL ASSEMBLY

1. FUTURE POLICY

Carteron

To convene a meeting of the Committee on IFIP Statutes and Bylaws for final revisions as agreed in Prague.
(See Minute 4 and Minute 25.2.2 of GA Prague 69-2)

2. SECRETARIAT

Ashill / Bobillier

To arrange a suitable transfer date between now and March 1970 for the IFIP secretariat to move to Switzerland.
(Minute 4 of GA Prague 69-2)

3. TC-1 TERMINOLOGY

A. van Wijngaarden

Set up group to look into question of royalties on sale of IFIP Vocabulary for Information Processing and report back to Council.
(Minute 6.2 of C Prague 69-1).

4. TC-2 PROGRAMMING LANGUAGES / PUBLICATIONS COMMITTEE

Kroneberg

Publications and Information Committee to consider the question of copyright, in particular with regard to publishing "Informal introduction to the ALGOL 68 Report".
(Minute 7.2.1 of C Prague 69-1)

5. TC-3 EDUCATION

Harder / Duyverman / Buckingham

To consult on precise formulation of any recommendations to Council and General Assembly on the use of any surplus which might fall to the Foundation for the World Conference on Computer Education.
(Minute 8.3 of C Prague 69-1).

Harder / Bech

To look into the question of forming Foundations for further Conferences. To look into organisation of Foundations set up for World Conference in Computer Education. Report to Council.
(Minute 8.3 of C Prague 69-1)

Buckingham

To prepare details on World Conference for next Council meeting.
(Minute 8.3.3 of C Prague 69-1).

Buckingham

Prepare six year plan and send to Zemanek, Chairman of Activities Planning Committee and Harder, Chairman Finance Committee.
(Minute 8.4 of C Prague 69-1)

Detailed proposals for financing Education Officer needed for next General Assembly.
(Minute 9 of GA Prague 69-2)

6. TC-4 MEDICIN

Gremy

Please note reports should be produced on A4 size paper.

Zemanek / Gremy

Draft letter to go to National Societies requesting improved medical representation on TC-4.
(Minute 9.2 of C Prague 69-1)

A. van Wijngaarden

Draw attention of Publication and Information Committee to method of editing papers at TC-4 conference in Lyon in April 1970.
(Minute 9.3 of C Prague 69-1).

7. TC-5 COMPUTER APPLICATIONS IN TECHNOLOGY

Harder

To negotiate for members of TC-5, consider appointment of permanent chairman and produce detailed scopes of committee for next Council meeting. Invite member societies to TC-5.
(Minute 10.1.2 of C Prague 69-1).

8. ARTIFICIAL INTELLIGENCE GROUP

Dorodnicyn / Tanaka / Gill

To let Gill have names of representative from USSR and USA to prepare proposal for next General Assembly on establishment of a group working in the field of artificial intelligence.
(Minute 12.2 of GA Prague 69-2).

9. IAG

Duyverman / van Acoleyen

Revise Bylaws as agreed by the General Assembly.
(Minute 13.6 of GA Prague 69-2 and Minute 11.5 of C Prague 69-1).

van Acoleyen

Please include budgeted balance sheet as well as income and expenditure in future budgets.
(Minute 11.4 of C Prague 69-1).

10. ADMISSIONS COMMITTEE

Linsman / Dorodnicyn

To ask Prof. L. J. Cohn to send a formal letter to the President requesting the transfer of membership of Australia to the Australian Computer Society.
(Minute 12.3.2 of C Prague 69-1).

Formulate procedure to be adopted when national societies are dissolved (compared with Australia).

(Minute 10.3.1 of C Prague 69-1).

Appoint GA member to investigate South Africa

(Minute 12.2 of GA Prague 69-2).

11. FINANCES

Harder / van Wijngaarden

To look into the question of missing royalties.

(Minute 15 of GA Prague 69-2).

Harder

To draft a letter for the President to send to all member societies concerning the increase in membership dues.

(Minute 15.4 of GA Prague 69-2).

Harder / Buckingham

Check that \$1,200 for expenses does not include \$500 for travel.

Harder / Gremy

Check that \$1,500 does not include \$500 for travel.

12. NOMINATIONS COMMITTEE

Dorodnicyn

To check that Auerbach is willing to act as Chairman of NC Trustees.

Auerbach

Suggest replacement of T.E. Hull.

(Minute 16.4 of GA Prague 69-2).

13. PUBLICATIONS AND INFORMATION

Kroneberg

To convene a meeting, or correspond with named participants to produce a draft for IFIP publication policy.

(Minute 17.2 of GA Prague 69-2).

To consider policy with regard to publications arising from joint conference.

(Minute 25.2.1 of GA Prague 69-2).

Zemanek

Redraft aims and scopes of old Information Committee to be included in aims and scope of new Publications and Information Committee

(Minute 22 of C Prague 69-1).

14. ACTIVITY PLANNING

Zemanek

To report to next Council meeting.

(Minute 18 of GA Prague 69-2).

15. CONGRESS 71

Osredkar

Prepare for next Council chart of comparative cost New York, Edinburgh, Ljubljana, and an analysis of the proposed budget. Rethink high costs.
(Minute 20 of GA Prague 69-2).

Zemanek

To send letters to member societies requesting appointment of a national coordinator.
(Minute 21.2 of GA Prague 69-2).

16. CONGRESS 74

Zelesnikar

To solicit invitations from all General Assembly members who might wish to hold Congress 74 in their country.
(Minute 22.1 of GA Prague 69-2).

17. INTERNATIONAL LIAISON COMMITTEE (ILC)

Chevion

Draft letter for ILC to consider sending to United Nations.
(Minute 23 of GA Prague 69-2).

18. IFIP / IFAC PROLAMAT

Executive Body

To note that arising out of this large conference came a request that a member of the Executive Body be present at any future conference of this size to speak for IFIP.
(Minute 14.1 of C Prague 69-1).

To consider the appointment of adviser to deal with visa problems.
(Minute 25.1 of GA Prague 69-2).

19. IFAC / IFIP DIGITAL COMPUTER APPLICATION TO PROCESS CONTROL

Andersin

Please report on this to the next Council meeting.
(Minute 25.4 of GA Prague 69-2).

NOTE: This is not intended as a complete list of action required from the meetings of Council and General Assembly, but is meant to be a guide to individuals.

Officers:

Prof. A.A. DORODNICYN, President
Director of the Computing Centre of the
Academy of Sciences of the USSR
Va Vilova Street No 40,
Moscow B-333, USSR.

Mr. D. CHEVION, Vice- President,
Office Mechanization Centre,
Jerusalem, Israel,
Hakiryia-Romema,
P.O. Box 3016

Prof. Dr. H. ZEMANEK, Vice-President
IBM Laboratory Vienne,
Parkring 10,
A-1010 Wien, Austria.

Mr. J. CARTERON, Secretary-Treasurer,
SEMA,
35 Boulevard Brune,
Paris 14e, France.

Prof. M. LINSMAN, Assistant Secretary,
Centre De Calcul de l'Universite de Liege,
15 Avenue de Tilleuls,
Liege, Belgium.

INTERNATIONAL

FEDERATION FOR

INFORMATION

PROCESSING

Mr. J.G. MACKARNESS, Administrative Secretary
British Computer Society
23 Dorset Square
London N.W.1, England

Please address reply to:

C.-Prague-69.2.

INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Council Meeting

Prague, 27 – 28 October 1969

A G E N D A

1. Call meeting to order
Approve agenda A.A. Dorodnicyn
2. Reading and approval of last minutes
(C.Brussels-69.1)
3. Technical Committees:
 - 3.1 TC-1 Terminology A. van Wijngaarden
 - 3.2 TC-2 Programming Languages H. Zemanek
 - 3.3 TC-3 Education R.A. Buckingham
 - 3.4 TC-4 Medicine F. Gremy
4. Special Interest Groups
IAG S. Duyverman
5. New TC's and SIG's

| | | |
|-----|---|----------------------|
| 6. | Committee Reports | |
| 6.1 | Admissions | M. Linsman |
| 6.2 | Future Policy | |
| | Proposed amendments of Statutes And Bylaws | D. Chevion |
| | Secretariat | A.P. Speiser |
| 6.3 | Finance | E. Harder |
| | 1968 audited accounts | |
| | 1969 mid-year statement | |
| | 1970 budget | |
| 6.4 | Nomination Committee | |
| | N.C. Election of Vice-President | H. Zemanek |
| | N.C. Election of Secretary-Treasurer | A.P. Speiser |
| | N.C. Election of Trustees 1969/72 | |
| 6.5 | Publication | A. van Wijngaarden |
| 6.6 | Activity Planning | H. Zemanek |
| 6.7 | IFIP Congress | |
| | Congress 68 (Final Report) | B.B. Swann |
| | Congress 71 | M. Osredkar |
| | Congress 71 Programme | V. Glushkov |
| | Congress 74 | A.A. Dorodnicyn |
| 6.8 | International Liaison | N.I. Bech |
| 6.9 | Information | P.A. Bobillier |
| 7. | Establishment of Committees | |
| | Appointment of members | A.A. Dorodnicyn |
| 8. | IFIP Conferences | |
| 8.1 | IFIP / IFAC Prolamat | E. Harder |
| 8.2 | AICA / IFIP Hybrid Computing 1970 | R. Tomovic / S. Gill |
| 8.3 | IFAC / IFIP Traffic Control 1970 | J. Santesmases |
| 9. | International Council of Scientific Unions | A.A. Dorodnicyn |
| 10. | Other Council Business | |
| | IFIP Anniversary | D. Chevion |
| | Future Council Meeting | A.A. Dorodnicyn |

INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING

Minutes of the Council Meeting
 held in Prague, Czechoslovakia,
 27 and 28 October 1969

PARTICIPANTS:Memberspresent:

| | |
|--------------------|-----------------------------------|
| A. A. Dorodnicyn | President |
| A.P. Speiser | Past-President, Individual member |
| D. Chevion | Vice-President |
| H. Zemanek | Vice-President |
| J. Carteron | Secretary-Treasurer |
| M. Linsman | Assistant Secretary |
| N.I. Bech | Trustee |
| I. Plander | Trustee |
| A. van Wijngaarden | Trustee |

Membersabsent:

| | |
|---------------|---------|
| I.L. Auerbach | Trustee |
| S.F. Beltran | Trustee |
| T.E. Hull | Trustee |

By invitation:

| | |
|--------------------|---|
| E. L. Harder | Chairman, Finance Committee and Provisional Treasurer |
| A. van Wijngaarden | Chairman, Publications Committee Chairman, TC-1 |
| T.B. Steel | Chairman, TC-2 (provisional) |
| R.A. Buckingham | Chairman, TC-3 |
| F. Gremy | Chairman, TC-4 (part-time) |
| S. D. Duyverman | Chairman, I.A.G. (part-time) |
| M. Osredkar | Chairman, Executive Committee IFIP Congress 71 (part-time) |

By invitation:
(Continued)

| | |
|-----------|--|
| P. Hafner | Chairman, Finance Committee IFIP Congress 71 (part-time) |
| S. Gill | General Assembly member representing Chairman, IFIP Congress 68 (part-time) |

Observers:

| | |
|-----------------|---|
| M. van Acoleyen | Secretary / Finance Director IAG (part-time) |
| M. Verhelst | Retiring Secretary / Finance Director IAG (part-time) |
| P. Dular | Secretary, Executive Committee, IFIP Congress 71 (part-time) |
| J. Kokosinek | Secretariat, Executive Committee, IFIP Congress 71 (part-time) |
| M. Spiegel | Secretariat, Executive Committee, IFIP Congress 71 (part-time) |
| A.P. Zeleznikar | Member, Executive Committee, IFIP Congress 71 Chairman, Yugoslav Federal Committee for Information Processing (part-time) |
| H. Freeman | Chairman, United States Committee IFIP Congress 71 |

| | |
|----------------|---|
| J.G. Santesmas | General Assembly member IPC member, IFAC / IFIP Symposium on Traffic Control 1970 (part-time) |
| R.I. Tanaka | President, AFIPS (part-time) |
| J.N.P. Hume | Representing General Assembly Member from Canada |

| | | |
|-----------------------|---|---|
| <u>In attendance:</u> | Joan A. Spencer A. Belozarov Erika Bosshard W. Donat | Acting Administrative Secretary Assistant to the President Secretary to P.A. Bobillier Assistant to H. Zemanek |
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1. OPENING OF THE MEETING

The president opened the meeting by welcoming members and those present and introduced the secretariat and assistants for the meeting.

2. APPROVAL OF AGENDA

Council approved the Agenda.

3. MINUTES OF COUNCIL MEETING HELD IN BRUSSELS MARCH 1969

Council agreed that as they had been previously circulated to all members it was not necessary to read out the Minutes of the meeting held in Brussels (C.Brussels 69-1) and they were unanimously approved without amendment.

4. FUTURE POLICY COMMITTEE

4.1 PROPOSED AMENDMENTS OF STATUTES AND BYLAWS

Mr. Chevion presented the Report of the IFIP Future Policy Committee (C.GA Prague 69 FPC-1) which was to be read in conjunction with "Final draft of the amended IFIP Statutes and Bylaws" (FPC Vienna 69-2). He expressed his thanks to all members of the Committee who had worked so hard and in particular to the secretary of the Committee, Mr. Donat.

The Chairman of TC-3 drew attention to an inaccuracy in the appendix to the proposed new Bylaws giving the aims and scope of TC-3.

The President called attention to the new category of membership Honorary Members and suggested that they should be allowed the same rights as Individual Members with regard to voting.

During the discussion which followed some concern was expressed about the wisdom of allowing Honorary Members full voting rights, although it was appreciated that the honour would only be bestowed on those people who would strongly support IFIP.

Council agreed

- a) That the new draft Statutes be changed to allow Honorary Members the right to vote.
- b) That further thought be given to the list of matters on which Full Members have the right to vote and a list of any such changes be presented to the General Assembly.

- c) That the paragraph concerning the authority of the Council be reworded and presented to the General Assembly for approval.
- d) That minor editorial changes be made in order to improve the text and also make the document in accordance with the requirements of Belgian law, and that these changes be presented to the General Assembly.

AGREED that the General Assembly be asked to approve:

- 4.1.1 The adoption of the new draft of the IFIP Statutes and Bylaws with respect to contents taking into account that some editorial changes will be made to bring the document more in accordance with the requirements of Belgian law.
- 4.1.2 The adoption of the following resolutions and the charging of the Executive Body with their implementation:
 - a) That a full time Administrative Secretary be appointed and a permanent secretariat be established.
 - b) That a clearing house for all events pertaining to IFIP be set up within the permanent secretariat to ensure that there is no conflict in dates and places between IFIP activities, or between these and other major activities in the field of Information Sciences.

4.3.1 The setting up and adoption of five levels of annual dues for Full Members, namely:

\$2,000
\$1,000
\$ 750
\$ 500
\$ 250

A sixth level of \$125 to be granted only in exceptional cases on the basis of a special request and with the approval of the General Assembly.

- 4.1.4 An approach to all Full Members to double their present dues.
- 4.1.5 The establishment of a Standing Committee on Publications and Information.
- 4.1.6 The establishment of a Standing Committee on Activity Planning.
- 4.1.7 The establishment of a Standing Committee on Professional Manpower.
- 4.1.8 The establishment of a Standing Liaison Committee for International Governmental Organisations.
- 4.1.9 The establishment of a Standing Liaison Committee for International Professional Organisations.
- 4.1.10 That the Council and the Executive Body be charged with following the extension of IFIP's fields of activity according to two guidelines; full coverage of information processing fields, and concentration on fields not covered satisfactorily by other international organisations.
- 4.1.11 That a permanent item "New TC's and new SIG's" be included on the Agenda of each Council and General Assembly meeting.

5. SECRETARIAT

Mr. Speiser reminded Council that notice had been given to the British Computer Society to terminate its appointment as Secretariat to IFIP. The British Computer Society had been requested to maintain a secretariat until an alternative solution had been found. He further reported that the Executive Body would recommend to the General Assembly that the post of Secretary/Treasurer be separated into two offices Secretary and Treasurer. Mr. P.A. Bobillier of IBM, Switzerland had expressed willingness to be appointed to the post of Secretary and for the time being would also be willing to take on the responsibility of the Secretariat, for the same fee of \$2,000 per year, and act as Administrative Secretary. It was hoped that it would soon be possible to negotiate for increased services and an allowance for these would be made in the Budget.

AGREED that the General Assembly be asked to approve the transfer of the duties now carried out by the British Computer Society to Mr. P.A. Bobillier, at a mutually convenient date between now and March 1970 when the contract with the British Computer Society expired, and that the Secretariat of IFIP be transferred to Mr. Bobillier.

6. REPORT OF TC-1 TERMINOLOGY

Mr. van Wijngaarden, Chairman TC-1 introduced the report of TC-1 and WG 1.1 (C.GA Prague 69 TC-1/WG 1.1). He explained that the IFIP/ICC Vocabulary for Information Processing needed updating and hoped that the new version would be published at the end of 1970. ICC as such had now been dissolved and a new body IBI/ICC formed in its place. In these circumstances TC-1 would welcome advice on the title of the new version of the Vocabulary. Should "ICC" continue to appear in the title? It was noted that in the German translation "ICC" had not appeared in the title. It was further queried that if "ICC" continued to appear in the title then would the royalties have to be shared with the new body which had replaced ICC.

RECOMMENDED

- 6.1 That the title of the updated version of the vocabulary remains "IFIP/ICC Vocabulary for Information Processing".
- 6.2 That TC-1 set up a small group to look into the question of royalties from the sale of the Vocabulary and report back to the next Council meeting.
- 6.3 That the report of TC-1 be approved for presentation to the General Assembly.

7. REPORT OF TC-2 PROGRAMMING LANGUAGES

M. Steel, Chairman TC-2 introduced the report of TC-2 (C.GA Prague 69 TC-2.1).

7.1 TC-2

TC-2 was devoting time to a revision in its name and scope which it hoped to present to the next General Assembly meeting. Attention was drawn to two resolutions (paragraph 1.5 of C.GA Prague 69 TC-2.1) concerning the procedures of the Working Groups with regard to:

- a) the appropriateness of continued membership of the Working Groups, and
- b) the establishment and discharge of ad hoc committees by the Working Groups to help with their work.

7.2 WG 2.1 ALGOL

A committee had been set up with the responsibility for continuing the maintenance of ALGOL 60.

A further committee had been established for the future development of ALGOL. This committee was currently considering the development of ALGOL Y, which was a scientific extension beyond ALGOL 68 with the principal distinguishing characteristic being an acceptance of program text as data in addition to the traditional forms of declared data.

A document called "Informal introduction of the ALGOL 68 Report" was completed. This was an attempt to be less formal and more transparent than "ALGOL 68 Report". The individual authors of this document had expressed willingness to let IFIP have the copyright.

AGREED

7.2.1 That the General Assembly be asked to approve "Informal Introduction to the ALGOL 68 Report" as a WG 2.1 working paper and that this be published as an IFIP publication.

7.2.2 That the general question of copyright be referred to the Publications Committee.

7.3. WG 2.2 FORMAL DEFINITION

It was hoped that papers would be stimulated by the work of this Working Group.

7.4 WG 2.3 PROGRAMMING METHODOLOGY

Following the Council recommendation (7.1.3 of C. Brussels 69-1) that a new Working Group on Programming Methodology be formed (WG 2.3), the initial proposal for its scope was as follows:

"The work of the Group is directed toward increasing programmers' ability to compose programs.

Topics which fall within the scope of the Group include:

- a) Identification of sources of difficulties encountered in present day programming.
- b) The interdependence between the formulation of problems and the formulation of programs, and the mapping of relations existing in the world of problems into relations among programs and their components.
- c) Intellectual disciplines and problem-solving techniques which can aid programmers in the composition of programs.
- d) The problem of achieving program reliability.
- e) The consequences of requirements for program adaptability.
- f) The problem of probability of program correctness and its influence on the structure of programs and on the process of their composition.
- g) Guidelines for partitioning large programming tasks and defining the interface between the parts.
- h) Software for mechanized assistance to program composition.

The Working Group provides an international forum for the discussion of programming methodology. The group may produce joint accounts of results of discussion as aid where it considers this desirable."

AGREED

7.4.1 That the General Assembly be asked to approve the establishment of WG 2.3 Programming Methodology with the proposed scopes outlined above.

7.5 ALGOL BULLETIN

Council noted that although the editor of the ALGOL Bulletin, F.G. Duncan, had moved to Canada it was expected that for the time being he would remain as editor.

7.6 WORKING CONFERENCE ON ALGOL 68 IMPLEMENTATION

AGREED

7.6.1 That the General Assembly be asked to authorise TC-2 to proceed with the Working conference on Algol 68 Implementation to be held in Munich 20 – 24 July 1970.

7.6.2 That a list of participants attending this Conference be prepared for the General Assembly (C.GA Prague 69 TC-2.2)

Council noted that TC-2 strongly supported the recommendation of the Future Policy Committee with regard to the establishment of an ad hoc committee to formulate procedures and guidelines for IFIP Publications.

AGREED that the report of TC-2 be approved for presentation to the General Assembly

8. REPORT OF TC-3 EDUCATION

Mr. Buckingham, Chairman TC-3 introduced the report of TC-3 (C.GA Prague 69 TC-3.1).

8.1 MEETINGS AND MEMBERSHIP

Council noted meetings which had been held and changes in membership since the last General Assembly meeting.

8.2 ACTIVITIES IN 1969

Council noted that an ADP Seminar was in progress in Hungary to run from July 1969 to December 1969, a French speaking ADP Seminar was planned to start in January 1970 and that a committee in Southern California had been considering such a seminar which would be open to students from Latin America. Alternatively a seminar in Spanish could be held in South America.

As a result of a Workshop held in Fribourg in January 1968 to discuss the programme of an advanced seminar in systems analysis and design, a preliminary draft plan for a pilot seminar in Information Systems Design had been prepared. It was hoped to hold the seminar in the University of Ghent in 1970.

The planning of a further advanced systems seminar in Computer Systems Programming was still under consideration.

Three symposia on problems of computer education had been organised in collaboration with IAG to prepare the ground for a world conference in 1970.

8.3 WORLD CONFERENCE ON COMPUTER EDUCATION 1970

It was planned to hold a World Conference on Computer Education in Amsterdam from 24 to 28 August 1970, with the following organisation:

a) A Foundation had been formed registered in the Netherlands with two members of TC-3 (Prof. Buckingham and Dr. Wolbers) and two members of IAG (Mr. Duyverman and Mr. Verhelst).

The Foundation has the responsibility for the overall finances of the Conference and will obtain the necessary guarantees.

b) A Steering Committee to control the overall programme

- c) An Organising Committee
- d) A Programme Committee

Mr. Bech commented that the existence of a Foundation was a new idea for IFIP. It might be appropriate to consider forming a permanent Foundation for the purpose of sponsoring conferences.

The question was raised as to the use of any surplus which might fall to the Foundation. The Council agreed that any surplus should belong to IFIP but the President asked the Chairman of the Finance Committee (Mr. Harder) to consult with the Chairman of IAG (Mr. Duyverman) and the Chairman of TC-3 (Mr. Buckingham) on the precise formulation of any recommendation to the Council and General Assembly.

The President further requested Mr. Harder to form an ad hoc committee with Mr. Bech to consider the setting up of Foundations for sponsoring future IFIP Conferences in general, and to look into the specific organisation of the Foundation for the World Conference on Computer Education in particular, and to report back to Council.

Mr. Bech suggested that it would be helpful if Council could be presented with alternative budgets for the World Conference assuming 300, 500 or 1,000 participants attended.

Mr. Buckingham said that the setting of the fee required more consideration. It might not be uniform for all participants.

AGREED

8.3.1 That the General Assembly be asked to approve:

- a) The proposal to hold a World Conference on Computer Education in Amsterdam in August 1970.
- b) That the loan to TC-3 be increased from \$2,500 to \$8,000 with the knowledge that this is being loaned by TC-3 to the Foundation with a guaranteed return of at least \$4,000. (See also C.GA Prague 69 FC-5).
- c) That a grant of \$1,500 be made to the cost of the Conference. (See also C.GA Prague 69 FC-5)

8.3.2 That the Steering Committee be asked not to set the registration fee for participants higher than \$50.

8.3.3 That the Chairman of TC-3 brings more details of the Conference to the next Council meeting.

8.4 FUTURE ACTIVITIES OF TC-3

Council noted that TC-3 recommended that a full time Education Officer associated with the Secretariat of IFIP be appointed. Such an appointment might cost up to \$10,000 per year, but it was hoped that the activities of TC-3 could be financed as to recover the cost of such a person.

The President requested that the proposals of TC-3 with regard to future activities be sent to the Chairman of the Activities Planning Committee (Mr. Zemanek).

8.5 UNITED NATIONS RESOLUTION

The seminar programme developed by TC-3 should be of considerable interest to the United Nations Organisation, particularly in developing countries. IFIP could offer technical advice and provide a panel of experienced lecturers.

Mr. Buckingham added that the attention of UNO should be drawn to the need for widespread education of the general public. The President queried why IFIP should involve itself in the education of the general public which he felt was more properly done by newspapers. It was pointed out that this was explicitly mentioned in the aims of TC-3.

8.6 AGREED that the report of TC-3 be approved for presentation to the General Assembly.

9. TC-4 MEDICINE

Mr. Gremy, Chairman TC-4 introduced the report of TC-4 (C.GA Prague 69 TC-4.1).

9.1 AIMS AND SCOPE OF THE WORK OF TC-4

TC-4 had reconsidered its aims and scopes and requested approval of minor changes. The title of TC-4 remained unchanged as IFIP Technical Committee for Information Processing in Medicine.

AGREED that the General Assembly be asked to approve: that the aim of TC-4 was to promote the extension of the technique of data processing in the various fields of medical education research and practice.

Further that the scope of the Work covers:

- a) identification and detailed investigation of the problems that arise in the medical data processing. (For example computer aided diagnostic methods, resources allocations in hospital, utilisation of the mathematical models in medicine, etc.).
- b) means of obtaining information concerning medical data processing within the member countries.
- c) extension of medical, paramedical and administrative staff's education in the field of data processing.

TC-4 will establish contact with IFIP's other committees and appropriate world organisations.

9.2 MEMBERSHIP

Mr. Gremy was concerned that there was not currently adequate medical representation on TC-4. Mr. Zemanek explained that there were three possible ways to combat this difficulty.

- a) Medical observers could be invited to meetings of TC-4
- b) A special Working Group of medical representatives could be set up.
- c) A letter could be sent to the National Societies which nominated a member of TC-4 to request that consideration be given to the appointment of a medical person to TC-4

It was agreed that Mr. Zemanek and Mr. Gremy would draft a suitable letter to the National Societies.

9.3 CONFERENCE ON INFORMATION PROCESSING OF MEDICAL RECORDS

This Conference would be held in Lyon between 5 – 10 April 1970.

Mr. Gremy was congratulated on his solution to the editing of the papers which would be produced at the Conference, and also on his success with the financial arrangements. Mr. Bech suggested that the Publications Committee might wish to consider the procedures adopted for editing papers for future reference.

9.4 WG 4.1 EDUCATION OF MEDICAL AND PARAMEDICAL PERSONNEL ON DATA PROCESSING

Mr. Gremy drew attention to the fact that WG 4.1 had not been formally approved in the Minutes of the General Assembly at Edinburgh. It was agreed that this should be confirmed in Prague (See Minute 3 of GA Prague 69-2).

- 9.5 AGREED that the General Assembly be asked to approve the report of TC-4 including the change of scope (and excluding section 5 which would be reported by the Finance Committee).

10. TC-5 IFIP COMMITTEE FOR COMPUTER APPLICATIONS IN TECHNOLOGY

10.1 Mr. Harder introduced a report on the proposal to establish a new Technical Committee TC-5 on Computer applications in Technology. (C.GA Prague 69 TC-5.1).

AGREED

10.1.1 That the General Assembly be asked to approve the formation of a new Technical Committee TC-5 IFIP COMMITTEE FOR COMPUTER APPLICATIONS IN TECHNOLOGY.

10.1.2 That Mr. Harder serve as ad hoc Chairman of this Committee until a permanent Chairman can be appointed, and that he be authorised to negotiate for members and prepare a more detailed statement of the scope of the committee for the next Council meeting.

10.2 TC OR SIG IN ARTIFICIAL INTELLIGENCE

The President said that there was need for a group working in the field of artificial intelligence. This group might either become a Technical Committee or Special Interest Group of IFIP. He undertook to bring a detailed proposal to the General Assembly.

11. SPECIAL INTEREST GROUPS – IAG

Mr. Duyverman introduced his report containing the following documents:

| | |
|---|------------------------------------|
| Report on the operations of the year 1968 | (C.GA Prague 69 IAG-1) |
| Auditor's Report 1968 | (C.GA Prague 69 IAG-1/Appendix I) |
| Interim Financial Report 1969 | (C.GA Prague 69 IAG-1/Appendix II) |
| Decisions to be taken by the General Assembly of IFIP meeting in Prague, October 1969, requested by IAG | (C.GA Prague 69 IAG-2) |

11.1 MEMBERSHIP

AGREED that the General Assembly be asked to ratify admission of the following national special interest groups (in accordance with Article IV.3 of the present Bylaws of IFIP):

| | |
|------------------|---|
| <u>Australia</u> | The Australian Computer Society Inc. |
| <u>Belgium</u> | Belgian Administrative Data Processing Group |
| <u>Canada</u> | Canadian Information Processing Society |
| <u>C.S.S.R.</u> | Czechoslovak National Committee for IFIP |
| <u>Denmark</u> | Danish Administrative Data Processing Group |
| <u>Finland</u> | Finnish Data Processing Association |
| <u>France</u> | Association Francaise pour la Cybernetique Economique et Technique (A.F.C.E.T.) |
| <u>Germany</u> | German Association for Computing Machinery |
| <u>Hungary</u> | Hungarian Council for Automation, Information Processing and Operational Research |

| | |
|-----------------------|--|
| <u>Israel</u> | Information Processing Association of Israel |
| <u>Mexico</u> | Mexican Association for Computing and Information Processing |
| <u>Netherlands</u> | Netherlands Administrative Data Processing Group |
| <u>Norway</u> | Norwegian Data Processing Association |
| <u>Sweden</u> | Swedish Society for Information Processing and Swedish Society for Administrative Data Processing |
| <u>Switzerland</u> | Swiss Society for Administrative Data Processing |
| <u>United Kingdom</u> | The National Computing Centre (UK) |
| <u>United States</u> | American Federation of Information Processing Societies |
| <u>Yugoslavia</u> | Yugoslav Committee for Electronics and Automation |

11.2 DOCUMENTS FOR APPROVAL

AGREED that the General Assembly be asked to approve the following documents:

Report on the operations of the year 1968 (C.GA Prague 69 IAG-1).

Auditor's Report 1968 (C.GA Prague 69 IAG-1/Appendix I).

Council noted the Interim Financial Report 1969 (C.GA Prague 69 IAG-1/Appendix II).

11.3 PROGRAMME OF ACTIVITIES FOR 1970 AND 1971

AGREED that the General Assembly be asked to approve the programme of activities as outlined in item 3 of C.GA Prague IAG-2.

11.4 BUDGET FOR 1970

Council expressed satisfaction that a surplus rather than a deficit was budgeted for 1970. It was requested that in future the budgeted balance sheet should be included, as well as the income and expenditure.

AGREED that the General Assembly be asked to approve the budget for the year 1970.

11.5 BYLAWS OF IAG

IAG presented a revised set of Bylaws for approval by the General Assembly. The relation between these Bylaws and the Bylaws of IFIP was discussed and certain inconsistencies were noted. The President appointed the following ad hoc Committee to resolve these difficulties before the meeting of the General Assembly:

Mr. Chevion (Chairman)
Mr. Duyverman
Mr. Bech
Mr. Speiser
Mr. Zemanek
Mr. Verhelst

This Committee later reported recommending certain minor changes which the IAG representatives were able to accept without further reference to the IAG Board of Directors. (C.GA Prague 69 IAG-3).

Attention was drawn to inconsistencies between the Statutes and Bylaws of IFIP and the Bylaws of IAG in which reference was made to the need of two thirds majority.

The President requested Mr. Carteron to convene a meeting with

Mr. Linsman
Mr. Chevion
Mr. Speiser
Mr. Duyverman
Mr. Verhelst (observer)
Mr. van Wijngaarden (observer)

to resolve these difficulties.

AGREED that subject to the corrections being agreed by the above Committee the General Assembly be asked to approve the Bylaws of IAG with these corrections included.

11.6 APPOINTMENT OF MEMBER OF IFIP FINANCE COMMITTEE TO IAG

The President requested the Finance Committee to nominate an IFIP member for appointment to the IAG Finance Committee.

12. ADMISSIONS COMMITTEE

Mr. Linsman presented a report concerning the admission of South Africa, India and Australia to IFIP.

12.1 ADMISSION OF SOUTH AFRICA

Council agreed to postpone a decision on the admission of South Africa and requested the Admissions Committee to put forward a recommendation to the General Assembly.

12.2 ADMISSION OF INDIA

Council noted that the admission of India was still under consideration.

12.3 CHANGES IN MEMBER SOCIETIES

Council noted that the Australian National Committee on Computation and Automatic Control had been dissolved.

AGREED

12.3.1 That the Admissions Committee be asked to formulate a standard procedure to be adopted when national societies are dissolved and replaced by new societies with regard to IFIP membership.

12.3.2 That in the meantime subject to the receipt of a formal letter from Prof. L.J. Cohn addressed to the President, the General Assembly be asked to approve a change in membership of IFIP to the Australian Computer Society.

12.3.3 That Mr. Linsman be requested to prepare for the General Assembly a statement concerning the changes in member societies from Denmark, France and Canada.

(The amended report of the Admissions Committee GA Prague 69 AC-1 was subsequently presented to the General Assembly).

13. FINANCE

13.1 AUDIT ACCOUNTS FOUR 1968

Mr. Harder presented the 1968 Audited Accounts (C.GA Prague 69 FC-3).

AGREED that the General Assembly be asked to approve the Audited accounts for 1968.

13.2 MID-YEAR STATEMENT FOR 1969

Mr. Harder presented two papers. IFIP Finance Report (C.GA Prague 69 FC-2) and Detailed Income and Expenditure Account 1 January to 30 June 1969 (C.GA Prague 69 FC-1).

Council noted that the surplus made from Congress 68 would soon be transferred into a regular IFIP account when the best solution as to how this should be done had been found.

Council noted that since the preparation of C.GA Prague 69 FC-1 outstanding membership dues had been paid by Chile, Cuba, France, Japan and Spain. There was a proposal for cancelling some of the back dues owed by Argentina und Brazil. The following resolution proposed by the Finance and Admissions Committees was agreed, with one abstention, and RECOMMENDED to the Extraordinary Meeting of the General Assembly on 31 October 1969:

That in view of the exceptional circumstances which have prevented the societies in Argentina and Brazil from operating normally, the opportunity should be offered to these two societies of applying the total dues paid to date on the basis of \$125 per year from the beginning. Argentina would be considered paid up the payment of \$50 outstanding for 1968 and the payment of \$125 in 1969 and thereafter. Brazil would be considered paid up with the payment of \$82 outstanding for 1968 and the payment of \$125 per year in 1969 and thereafter.

13.3 BUDGET FOR 1970

Mr. Harder presented the IFIP Budget 1970 (C.GA Prague 69 FC-4).

A policy decision was needed on the question of emergency travel allowances. In addition to a modest increase in the total, it appeared desirable to put more of the Working Group emergency travel directly under the approval of TC Chairman. After a discussion, it was decided to increase the amount in the TC budget for Working Group emergency travel up to a maximum of \$500 per Working Group and to include in the budgets of the Vice Presidents and the President sufficient to cover any further Working Group travel or, in exceptional circumstances, the travel of a TC Chairman. The Council agreed that the budget should be submitted to the General Assembly on this basis.

The resulting budgets of the TC-s were reviewed and also the grants and loans that would be necessary based on information received by the Finance Committee. The Council was in agreement with submitting the budget, as outlined, to the General Assembly for approval.

Council expressed its sincere appreciation of the careful work done by Mr. Harder in putting the financial matters in order and for his careful preparation of the papers.

13.4 AGREED that the General Assembly be asked to approve the report of the Finance Committee subject to amendments made by Council.

14. NOMINATIONS COMMITTEES

14.1 N.C. ELECTION OF VICE PRESIDENT

The President said that he would propose to the General Assembly that Mr. Carteron should be the Chairman of the Nominations Committee for the Election of Vice President to succeed Mr. Chevion in 1970, and that he would announce two other members.

14.2 N.C. ELECTION OF SECRETARY / TREASURER

Mr. Zemanek said that in accordance with the proposal of the Future Policy Committee to split the office of Secretary/Treasurer into two, Secretary and Treasurer, the Nomination Committee consisting of himself (Chairman) Mr. Auerbach and Mr. Lukaszewicz unanimously recommends to the General Assembly

Mr. P.A. Bobillier, Switzerland for Secretary, and
Mr. E.L. Harder, USA, for Treasurer

It was reported that if Mr. Harder was elected as Treasurer the USA would change their representative to Mr. R.I. Tanaka, President of AFIPS, and in this event the Nomination Committee proposed that Mr. Harder be elected as an Individual Member of IFIP.

Council approved these recommendations.

14.3 N.C. ELECTION OF TRUSTEES

Mr. Speiser reported that a Nomination Committee with himself (Chairman) Mr. Linsman and Mr. Lukaszewicz unanimously recommends to the General Assembly that

Mr. I. Plander, CSSR
Mr. J. Carteron, France

be elected Trustees for three years from the meeting of the General Assembly in Prague 1969.

Council approved this recommendation.

15. PUBLICATIONS COMMITTEE

Mr. van Wijngaarden presented the report of the Publications Committee (C. Prague 69 PUC-1). It was noted that royalties from publications in 1968 and the first half of 1969 totalled only \$361 whereas the Publications Committee report of sales figures indicated that nearly \$10,000 should have been received mostly in 1968 and 1969. Mr. Harder agreed and said he was looking into this problem.

AGREED that Mr. van Wijngaarden be congratulated on the work of his Committee this year and that the General Assembly be asked to approve the report of the Publications Committee.

16. ACTIVITY PLANNING COMMITTEE

Mr. Zemanek said that this Committee had not yet met, but that a list of members had been drawn up and it hoped to start its work after the General Assembly had formally approved its foundation. He would present a preliminary report to the General Assembly.

17. IFIP CONGRESS 68

Mr. Gill presented the report of IFIP Congress 68 (C.GA Prague 69 Congress 68-1) and the Income and Expenditure Account of the Congress 68 (C.GA Prague 69 Congress 68-2) on behalf of Mr. Swann, Chairman, Congress 68 Committee. An addendum by the Chairman of the Exhibition Committee was attached to the report.

Council noted that there was a final surplus of \$80,000. Of this \$44,000 came from the Exhibition and \$36,000 from the Congress itself.

Mr. van Wijngaarden said that the organisation of the Congress had been excellent but that considerable delay had been caused in the publication of the proceedings by the bad handling of the editing. Nevertheless he expected the final volume to be published by the end of November 1969.

Mr. Gill said that he would look into the editing problems. A full report on the proceedings would be made when the work was complete.

Council expressed its satisfaction at the results of Congress 68 and

AGREED that the General Assembly be asked to approve the report and Income and Expenditure Account of IFIP Congress 68.

18. CONGRESS 71

Mr. Osredkar reported on the plans for IFIP Congress and Exhibition 71. (C.GA Prague 69 Congress 71-1).

The President explained that at the Council meeting in Brussels it had been agreed to ask Mr. A.G. Coaten (UK) and Mr. C. Asmus (USA) to visit Ljubljana to help with plans for the Exhibition.

Mr. Osredkar said it would be helpful to his committee if they could be given some idea of the likely participation in the Congress. It was noted that 3,600 participants had attended the Edinburgh Congress.

Council felt strongly that the participation fee should not exceed \$50 and that consideration should be given to a lower fee for early registration. The reduction of fees for members of the Yugoslav Federation for Electronics, Telecommunications, Atomization and Nuclear Engineering was queried.

Mr. Speiser suggested that a comparison of the costs of the Congresses held in New York and Edinburgh together with those proposed for Ljubljana would be useful. There was a general feeling that the proposed costs for Congress 71 were too high.

Mr. Osredkar requested an additional loan of \$5,000 in addition to what had been granted already to cover the expected cost of the preparation of material in the United States by AFIPS.

Council requested the Executive Committee of Congress 71

- a) to present a detailed comparison of costs of the Congresses held in New York and Edinburgh together with those proposed in Ljubljana, to its next meeting;
- b) not to make the participation fee higher than \$50;
- c) to re-examine and consider a reduction in the proposed budget and to have detailed explanations of reasons for any increase in costs higher than 15 percent, and to present a revised budget to the next Council meeting.

Council agreed to recommend to the General Assembly an additional loan of \$5,000 for preparation of material in the United States.

Council noted the report of the Executive Committee for IFIP Congress 71 and congratulated the Committee on its excellent presentation and thanked it for the work already done.

19. CONGRESS 71 PROGRAMME

In the absence of the Chairman of the Programme Committee, Mr. V.M. Glushkov, Mr. Zemanek presented the report (C.GA Prague 69 PC 71-1).

AGREED that the General Assembly be asked to approve the report of the Programme Committee for IFIP Congress 71 and the proposals contained therein.

20. CONGRESS 74

The President reminded Council that a strong preference was made for Congress 74 to be held in Mexico. However he had received no word from the Mexican Association for Computing and Information Processing, so it was difficult to judge if the invitation from Mexico was valid or not.

The Information Processing Society of Japan had indicated that they would be willing for the Congress to be held in Japan.

Mr. Speiser said that it would be necessary to have a firm decision as to where Congress 74 should be held at the next General Assembly meeting in 1970.

21. INTERNATIONAL LIAISON COMMITTEE

Mr. Bech said that his report (GA Prague 69 ILC-1) had previously been approved by Council at its Brussels meeting and it would be put before the General Assembly in Prague.

2. INFORMATION COMMITTEE

In the absence of Mr. Bobillier, Mr. Zemanek reported that the work of this committee would be taken over by the new committee proposed "Publications and Information Committee". Mr. Zemanek said he would be redrafting the aims and scope of this committee. As a first step it was proposed that twice a year a list of IFIP meetings should be printed in the IFIP Bulletin.

23. ESTABLISHMENT OF COMMITTEES

23.1 PUBLICATIONS AND INFORMATION COMMITTEE

The President said that if the General Assembly accepted the new Statutes he proposed to enlarge the scope of the Publications Committee and form in its place a new Publications and Information Committee. Discussions had taken place concerning membership and the following people were proposed:

| | | |
|------------------|------------|----------|
| Mr. D. Kroneberg | (Chairman) | (France) |
| Mr. W. Goldberg | | (Sweden) |
| Mr. R.I. Tanaka | | (U.S.A) |

Council warmly thanked Mr. van Wijngaarden for his services to the Publications Committee up till now and expressed its appreciation of the work done.

The President said that he would have further proposals for the establishment of committees and the appointment of members at the General Assembly meeting in Prague, but that the information was not yet ready to present to the Council.

24. IFIP CONFERENCES

24.1 IFIP / IFAC PROLAMAT

Mr. Harder presented the report on PROLAMAT (C.GA Prague 69 PROLAMAT-1).

Mr. Zemanek commented that this large conference was more or less the work of Mr. Harder who provided all the driving force. He and his fellow organisers, Mr. A. Caracciolo and Mr. P Ercoli were thanked by Council for the work they had done.

Mr. Harder appreciated that Mr. Zemanek had attended the Conference and recommended that, in future IFIP conferences, a member of the Executive Body, preferably the President or one of the two Vice Presidents, should be present to represent IFIP. The presence of Vice President Zemanek at the PROLAMAT Conference was particularly desirable and effective inasmuch as many of the attendees were not previously familiar with IFIP.

The President regretted that delays in issuing visas had prevented the representatives from the USSR from arriving until the third day of the conference.

Mr. Harder said that other representatives had had similar problems and suggested that IFIP should consider the appointment of an adviser on visa problems.

Mr. Zemanek supported this suggestion.

24.2 AICA/IFIP HYBRID COMPUTATION 1970

Council noted that Mr. Gill would present a report on AICA/IFIP Hybrid Computing 1970 Conference to the General Assembly in Prague. (GA Prague 69 Hybrid-1).

24.3 IFAC/IFIP TRAFFIC CONTROL 1970

Mr. Santesmases presented his report on the first IFAC/IFIP International Traffic Control Symposium 1970 (C.GA Prague 69 Traffic Control-1).

25. INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS (ICSU)

The President was pleased to announce that ICSU had accepted IFIP as an affiliated member although the official document confirming this was not yet available. It was the practice of ICSU to accept new organisations only as affiliated members and later to consider the question of full membership. As an affiliated member IFIP would not have to pay any membership dues, but if it was later accepted to full membership than a due of \$1,000 would have to be paid.

Mr. Speiser remembering that a few years ago an application to join ICSU as a full member had been rejected congratulated the President on his success in obtaining affiliated membership.

26. IFIP ANNIVERSARY

Mr. Chevion reminded Council members that IFIP had been inaugurated in 1960 and that 1970 would be its tenth anniversary.

He suggested that it would be appropriate to mark this event by a ceremonial symposium, which it was proposed to hold in Amsterdam in the autumn of 1970.

AGREED that the General Assembly be asked to approve the organisation of a celebration to mark the tenth anniversary of IFIP by holding a ceremonial symposium with the title "10 years of Information Processing".

Council approved the following ad hoc Anniversary Committee

| | | |
|---------------------|------------|-------------|
| Mr. van Wijngaarden | (Chairman) | Netherlands |
| Mr. Auerbach | | U.S.A. |
| Mr. Chevion | | Israel |
| Mr. Linsman | | Belgium |
| Mr. Lukaszewicz | | Poland |

27. FUTURE MEETINGS

The President announced the following dates for future meetings:

| | | |
|--------------------|-------------------------|---------------|
| 8-9 May 1970 | COUNCIL | Atlantic City |
| 26-27 October 1970 | COUNCIL | Amsterdam |
| 28 October 1970 | GENERAL ASSEMBLY | Amsterdam |
| 29. October 1970 | ANNIVERSARY CELEBRATION | Amsterdam |
| 30 October 1970 | GENERAL ASSEMBLY | Amsterdam |
| 1-2 March 1971 | COUNCIL | Ljubljana |
| 17-18 August 1971 | COUNCIL | Ljubljana |
| 19 August 1971 | GENERAL ASSEMBLY | Ljubljana |
| 20 August 1971 | EXCURSION | Ljubljana |
| 21. August 1971 | GENERAL ASSEMBLY | Ljubljana |
| 23-28 August 1971 | IFIP CONGRESS 71 | Ljubljana |

28. CLOSE OF MEETING

There being no further business the President closed the meeting.