

INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY

MINUTES OF 100th MEETING OF EXECUTIVE COMMITTEE

Koninklijke Nederlandse Chemische Vereniging,
Den Haag : 3rd-4th May 1982

Present: Prof. S. Nagakura (Chairman), Dr. W. Graulich, Prof. J. Michalski, Prof. C. G. Overberger, Prof. A. Perez-Masiá, Dr. W. G. Schneider, Dr. T. S. West, Prof. H. Zollinger

Absent: Prof. G. Ourisson

In Attendance: Dr. S. Harnung (Secretary, Danish National Committee for Chemistry) - in part, Dr. D. P. den Os (Chairman, Publications Committee) - in part, Dr. M. Williams (Executive Secretary), Miss A. Troughton (Assistant Secretary)

1/82 INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Prof. Ourisson was unable to be present because of priority commitments in his work for the French government. Since Leuven he had been unable to engage expeditiously in IUPAC affairs. It was agreed that Dr. West should henceforth take a more leading role when the attention of the Secretary General was required.

The following additions were made to the agenda circulated by the Executive Secretary (82.04.20):

3.5.4 CHEMRAWN IV

6.6 Premature Resignations/Terminations at Leuven

and two corrections were noted:

3.3.2 (Minute 16/81)

3.3.3 (Minute 20/81)

2/82 MINUTES OF 98th AND 99th MEETINGS OF EXECUTIVE COMMITTEE

2.1/82 Amendments and Approval of Minutes

Subject to the addition of the following sentence at the end of Minute 12.1(i)/81:

"Dr. Graulich mentioned that FRG would propose Prof. Wagner as a candidate for Vice-President at Lyngby in 1983."

the minutes of the two previous meetings (circulated by the Executive Secretary 81.12.23 and 82.04.20) were approved.

2.2/82 Matters Arising from Minutes

2.2.1/82 ICSU Financial Support for CHEMRAWN II (Minute 11.2.2/81, 98th Meeting)

The Executive Secretary reported that, in addition to the basic allocation by ICSU to IUPAC for 1982 of US-\$14 624, two grants totalling US-\$12 000 were being made by ICSU specifically to facilitate participation of scientists

from developing countries in CHEMRAWN II. Only US-\$5 000 of the basic allocation was so far scheduled for use (as subventions to other IUPAC-sponsored symposia), so the Treasurer had approved the remaining US-\$9 624 for CHEMRAWN II.

Dr. Schneider indicated that the US-\$50 000 deficit guarantee by IUPAC was unlikely to be required. Dr. Graulich said it could now only be met by sale of securities. Prof. Perez-Masiá wondered if the US-\$9 624 should be regarded as part of the deficit guarantee. The position of funding for CHEMRAWN II from FRG was unclear, and Prof. Overberger and Dr. Schneider agreed to telephone Prof. D. Behrens at DECHEMA to try and resolve the matter.

2.2.2/82 Amendment of Bylaw 4.304 (Minute 15/81, 98th Meeting)

The Executive Committee felt that for internal reasons in a member country it was still essential for the NAO to approve all nominations for new members of Division Committees and Commissions. The previous decision to ask the Bureau (at Prague) to recommend Council at Lyngby to reduce from four to two months the period allowed for such approval (Bylaw 4.304) was ratified. Also it was agreed that the President should be delegated the responsibility to act, if required, in the matter on behalf of the Bureau (or Executive Committee).

3/82 MINUTES OF MEETINGS OF:

3.1/82 43rd-45th Bureau

The minutes were recorded as having been received officially by the Executive Committee.

3.1.1/82 Report of Committee on Chemistry and Industry (Minute 6/81, 43rd Meeting)

The recently received minutes of the Leuven meeting of COCI (81.08.28), together with some additional comments on various items from the Secretary (Dr. G. Jäger) were tabled and considered. The Standing Orders for COCI did not permit membership from a country or region not having any CAs. Only observer status was therefore possible for any proposed representative of the Chinese Chemical Society/Beijing (COCI Minute 1(b)/81): the initiative for a new nomination should be left to the NAO.

The Executive Secretary reported that Dr. P. C. Kearney (Vice-President, Applied Chemistry Division and Chairman, Commission on Pesticide Chemistry) had been invited to succeed Dr. H. Egan as official representative of IUPAC on SCOPE (COCI Minute 1(c)/81). The Executive Committee noted the draft for a basic document pointing out the advantages of membership of the CA scheme, and looked forward to receiving the final version (COCI Minute 2/81).

Prof. Zollinger was concerned at the poor response of Commissions to the request for information on their current activities (COCI Minute 4/81), because he had originally asked COCI to act. Dr. Schneider agreed to talk further with Prof. K. H. Büchel about how to involve COCI more in Divisional matters, and especially how to integrate its efforts with the Vice-Presidential critical assessment of IUPAC projects and programmes.

3.1.2/82 Printing of Division Rules (Minute 11.3/81, 43rd Meeting)

As foreseen at Leuven, the workload at the Secretariat had prevented any action regarding printing in a uniform layout of approved Division Rules. Dr. West would advise Division Presidents to use their contingency funds to reproduce the Rules in a form suitable for issue at least to Commission

officers and new members for guidance of their work in the Union.

3.1.3/82 Extended Associate Membership on Food Chemistry Commission
(Minute 15(xii)/81, 45th Bureau)

It was not clear from the submission of the Chairman of the Food Chemistry Commission (82.04.14) why the involvement of Mr. I. R. C. McDonald was essential in mentioned projects. Extension of Mr. McDonald's Associate Membership beyond 8 consecutive years to 1983 was deferred, pending clarification why the work could not be done by others.

3.2/82 31st Council

The minutes were recorded as having been received officially by the Executive Committee.

3.2.1/82 Status Review of Associated Organizations with Activity Reports Outstanding (Minute 11(iii)/81)

Satisfactory activity statements were now available from:

International Commission on Applications of the Mössbauer Effect
International Committee on Rheology
International Congress of Catalysis
International Society of Electrochemistry

and their continuation as AOs of the Union was approved. The Executive Secretary was asked to press once more for reports from:

Association of Editors of European Chemistry Journals
International Association for Advancement of High Pressure
Science and Technology
International Organization of Crystal Growth
International Society of Magnetic Resonance

Should no information be available to the Bureau in Prague, Council at Lyngby would be recommended to discontinue AO status in these cases.

Dr. West suggested that it was unnecessary to review the membership of each AO at every General Assembly (Bylaw 5.5). The Executive Committee agreed to recommend to the Bureau that activity reports should not be sought from the AOs in 1983, with the intention of making the review only every 4 years.

3.2.2/82 New Dues Scheme and Amendment of Statute 3.3 (Minute 15(ii)/81;
see also Minute 20/81, 99th Executive Committee)

A less controversial rewording of the statute was tabled by the Executive Secretary to overcome the adverse reactions of some delegations in Council at Leuven:

"There shall be several categories of membership according to principles decided by the Council. A country requesting admission to the Union of its proposed Adhering Organization shall provide full information about its proposed Adhering Organization, including data relevant to the membership categories/including data on which to base its membership category."

The proposed wording was acceptable to Prof. Perez-Masiá, although he remained opposed in principle to the new dues scheme. Dr. West preferred to see the last sentence of the existing statute - "An Adhering Organization may at any time request to be transferred to another category." - retained: an NAO

requesting change of category would be informed of any restrictions imposed by Council on such change.

The Executive Committee decided to recommend the proposed rewording, together with Dr. West's addition, for consideration by the Bureau at Prague.

3.2.3/82 Committee on Limitation of Total Service in IUPAC (Minute 17/81)

Prof. Nagakura drew attention to the decision of Council at Leuven to appoint an ad hoc committee to look into the matter in general terms and report to the Bureau, and to the relevance of the recent communication (82.03.25) of the US National Committee for IUPAC (Item 6.4 on the present agenda). Prof. Zollinger was invited to chair the committee, but to discuss the matter first with the Division Presidents at their meeting in Prague, with early circulation of the various documentation. The other members of the committee would be appointed by the Bureau at Prague, and would work by correspondence prior to meeting at Lyngby.

3.2.4/82 Voting Procedure at Council Meetings

Dr. West referred to confusion at the 1979 and 1981 Council meetings because delegates had not fully understood the voting procedures (scientific or non-scientific) and the differing minimum number of votes required for items. He felt that the Executive Secretary should be freer in future to advise the President, especially in emergencies, on such procedural matters. Dr. Williams agreed to investigate ways of obtaining backup in respect of his note taking for preparation of Council minutes and to report back to the Executive Committee.

3.3/82 Division Presidents (81.08.28)

The minutes were recorded as having been received officially by the Executive Committee.

3.3.1/82 Dissemination of Division Reports on IUPAC Activities (Minute 12/81)

The Division Presidents were concerned that their reports should be published in full and allowed to appear in appropriate specialized journals after they had been accepted by Council: regretfully the Davos reports had not been included in CI, Supplement 1980. The Executive Committee decided not to press for inclusion of the Leuven reports in CI, Supplement 1982, but to make provision in some way for publication of the Lyngby reports in 1983.

3.3.2/82 Questionnaire Evaluating IUPAC-sponsored Symposia (Minute 16/81)

A suitable questionnaire had been developed with the Division Presidents after Leuven and was in use by the Secretariat for 1982 symposia. Normally it would be completed by the official IUPAC representative appointed for a symposium, otherwise an appropriate IUPAC expert would be identified. There were mixed feelings within the Executive Committee as to the value and need for keeping such records at the Secretariat or by the Divisions. It was suggested that the matter should be rediscussed by the Division Presidents at Prague.

3.3.3/82 Chemistry International (Minute 20/81)

It was noted that the Division Presidents had asked the Bureau to look again at CI. In general they felt there was insufficient IUPAC material in CI and that it could not possibly compete with large circulation news magazines such as Chem. Eng. News on the 'popular' front - see also Minutes 9.1 and 9.4/82 later.

3.4/82 Finance Committee (81.08.28-29 and 82.02.15-16)

The minutes were recorded as having been received officially by the Executive Committee.

3.4.1/82 Cost Analysis of IUPAC Operations (Minute 2.2/82)

The Finance Committee had recommended that the work should be done by an external person, preferably an accountant and non-chemist. Because it was not sufficiently clear what would be forthcoming and whether of real value to the Union, the Executive Committee decided not to initiate a cost analysis at this time.

3.4.2/82 UNESCO Financial Support for IUPAC General Assemblies (Minute 2.3.3/82)

The Executive Committee noted reports from three younger Latin-American chemists who had participated in the Leuven General Assembly and were supported financially in part by UNESCO. It was agreed that if there was an opportunity to obtain extra funding from ICSU/UNESCO in 1983, Lyngby was the first priority, particularly in respect of third world/less developed countries and younger chemists. Any IUPAC approach for UNESCO support should be channeled through ICSU by the Secretary General.

3.4.3/82 Statement of Accounts for 1981 (Minute 3.1/82)

The Treasurer was pleased to report an actual excess of income over expenditure of about US-\$15 000 for 1981 instead of a budgetted deficit of US-\$93 000. However, he cautioned that a repeat of the favourable circumstances in 1981 could not be expected in 1983, when the financial situation for the Union would be more difficult.

The accounts for 1981 were adopted by the Executive Committee and available for auditing.

3.4.4/82 Late Payment of National Subscription (Minute 5.2/82)

In order to minimize the danger of countries paying late, the Finance Committee had proposed that the first sentence of Statute 9.1 should be reworded:

"Each Adhering Organization shall pay an annual subscription to the Union in accordance with its category of membership due 1 January in each year."

After careful consideration of the implications, and subject to ending the sentence "... due 1 January and payable before 31 December in each year", the Executive Committee agreed to recommend the change in wording to the Bureau. If adopted by Council at Lyngby, sanctions (Statute 9.2) in respect of outstanding subscriptions in a particular year would commence on the next following 1 January.

3.4.5/82 Report of Category Subcommittee (Minute 6.1/82)

The Treasurer reported briefly on the NAO responses to the invoices for 1982 minimum formal dues and on the conclusions reached by the Category Subcommittee, which had been endorsed by the Finance Committee. The conclusions in respect of Argentina, Belgium, Brazil, GDR, Netherlands, Spain, UK and USSR were judged by the Executive Committee as a whole to be reasonable and in line with the provisions of the new dues scheme, and were accepted (7 in favour, 1 against). However, the Executive Committee was unwilling to delegate its responsibility for implementing future conclusions of the Category Subcommittee

to the Treasurer/Finance Committee so as to avoid delay in action by the Union.

The view of the Finance Committee was noted that, because Statute 3.3 had not been changed at Leuven, any request by an NAO to choose a category more than one below its chemical turnover should be dealt with by Council at Lyngby (Bylaw 2.21). Some alternative criteria to CT suggested by Spain as a basis for membership categories, but rejected by the Category Subcommittee as offering no advantages, would be circulated for assessment by the Executive Committee.

3.4.6/82 UK Proposal for Formal Dues Calculation and Category Allocation
(Minute 6.2/82)

Because of pressure of other business at Den Haag, the President deferred for consideration by the Bureau at Prague the Finance Committee development of the formula approach relating national subscriptions to CT.

(3.4.7/82 Revised Budget for 1982 (Minute 9/82) and Forecast for 1981-2
(Minute 10/82)

(3.4.8/82 Revised Budget for 1983 (Minute 11.2/82)

Attention was drawn by the Treasurer to some factors taken into consideration in updating of the budgets by the Finance Committee: lower dues than anticipated from NAOs, effect of changes in the portfolio, provision for additional office equipment systems at the Secretariat, reduced expenditure because the Information Officer/Editor of CI (Dr. M. Gellender) would be leaving IUPAC at the end of July. The revised excess of income over expenditure for 1982 was US-\$21 000 and a deficit of US-\$45 000 in 1983. If less income was now expected from the new dues scheme, in the opinion of Prof. Zollinger the Executive Committee (Bureau) would have no alternative other than to decrease IUPAC activities, on which subject the Leuven experience was inconclusive (no Commissions yet dissolved).

3.4.9/82 IUPAC Financial Guidelines and Procedures (Minute 12/82)

An updated version of the 1978 Procedures document for IUPAC Financial Operations (the original Guidelines were still fully applicable) was approved for immediate distribution within the Union.

3.4.10/82 Membership (Minute 13/82)

Prof. Nagakura felt it was incompatible for Prof. J. Mathieu to remain a member of the Finance Committee now that he was President of the Organic Chemistry Division, and he had resigned. The Finance Committee was trying to identify a suitable replacement for consideration of appointment later in the year. The Executive Committee reaffirmed its view (Minute 11.2.10/81, 98th Meeting) that the vacancy should be filled by a person from a lower membership category country, which almost certainly would require IUPAC support for travel and subsistence.

3.5/82 CHEMRAWN Committee (81.08.28 and 82.02.20) and Jointly with Committee on Chemistry and Industry (81.08.29)

The minutes were recorded as having been received officially by the Executive Committee. Concern was expressed about finalization of the title for CHEMRAWN V.

3.5.1/82 Membership (Minutes 2-5/82)

The Executive Committee approved the appointment of Prof. J. B. Donnet to replace Dr. W. B. Mors, who had resigned unexpectedly because of too many commitments. It was agreed to defer action on interim suggestions (Minute

3/82) to ensure better continuity in membership, so that Dr. Schneider and Prof. Overberger might come forward with alternative proposals at Prague.

3.5.2/82 CHEMRAWN III (Minutes 7-8/82)

A completed advance information questionnaire and memorandum on the proposed plans for a followup to CHEMRAWN I had been provided by Dr. Schneider. The location as Amsterdam and 25th-29th June 1984 as the dates were accepted by the Executive Committee.

3.5.3/82 SCIRAWN (Minute 19/82)

Dr. Schneider, Prof. Ourisson, and Dr. B. W. Rossiter had commented on the desirability and feasibility of ICSU organizing a series of conferences on scientific research applied to world needs similar in philosophy to the CHEMRAWN meetings. A statement (82.04.23) by Dr. West summarizing the IUPAC views to ICSU was endorsed by the Executive Committee.

3.5.4/82 CHEMRAWN IV (Minutes 9-10/82)

A document describing the purpose of the conference - Chemistry and Resources of the Oceans - and a completed advance information questionnaire were tabled by Prof. Overberger. The proposal to meet at Woods Hole Oceanographic Institution (Massachusetts, USA) during the last week of September 1984 was approved by the Executive Committee and judged to be sufficiently separated in time with respect to CHEMRAWN III.

3.6/82 Committee on Chemistry and Industry (81.08.28)

- see Minute 3.1.1/82 earlier.

3.7/82 Committee on Teaching of Chemistry (81.08.29-30)

The minutes were recorded as having been received officially by the Executive Committee.

3.8/82 Committee on Publications (81.08.25-26)

The minutes were recorded as having been received officially by the Executive Committee.

3.8.1/82 Membership (Minute 13/81)

It was agreed to await a recommendation from the Publications Committee to fill the vacancy arising from completion of the term of service of Prof. Perez-Masiá. Dr. Schneider suggested that a person with expertise in data bases would be helpful and, because most IUPAC publications originated in the Divisions and they were concerned about dissemination of their Commission reports, Dr. West advocated the appointment of a former Division President.

3.8.2/82 Publications outside Agreement with Pergamon (Minute 11/81)

Because Pergamon was increasingly waiving its right to publish IUPAC material, especially from symposia, the Publications Committee had encouraged the Secretariat to try and involve another publisher when it was judged to be worthwhile. The agreement concluded recently with Academic Press in respect of the International Symposium on Safe Use of Solvents (Brighton, 82.03.23-27) would be followed with interest as to the future.

3.9/82 Interdivisional Committee on Nomenclature and Symbols (81.08.24-25)

The minutes were recorded as having been received officially by the Executive Committee.

4/82 FUTURE IUPAC GENERAL ASSEMBLIES AND CONGRESSES

4.1/82 Arrangements for 32nd General Assembly (Dr. Harnung in attendance)

Following the visit of Miss Troughton to Denmark (81.11.16-20), preparations for the Assembly on the Technical University campus at Lyngby (83.08.18-26) had been proceeding satisfactorily, and the budgetary proposals for IUPAC had been accepted by the Finance Committee (Minute 11.1/82, Zürich).

Unexpectedly, on 82.04.14 Dr. Harnung had announced that the inspectors were unable to guarantee the required number of student dormitory rooms. He was left with no alternative but to involve the agency Bennett of Scandinavia to reserve sufficient hotel accommodation near the central station in Copenhagen. The use of a C-category (or lower) hotel, meals and train/bus transport daily to Lyngby (30 minutes each way) could still be covered by the originally envisaged IUPAC per diem allowance of US-\$55. The hotel prices were fixed for 1983.

Dr. Harnung had also investigated the possibility of holding the actual meetings in Copenhagen, but the university was scattered throughout the city and the rooms at the Ørsted Institute were inadequate; the use of a few large hotels had proved impossible. Retaining the meetings at Lyngby, with an easily accessible central Secretariat, would better ensure the scientific success of the Assembly. Shuttle buses each morning to Lyngby were too expensive, but the public transport system should suffice (special price congress tickets would be available) and there would be additional buses from Lyngby station to the campus. Drafts of the revised participation questionnaire/claim form, hotel reservation form, general information booklet, and letter/questionnaire from Specialised Travel Service were tabled by Miss Troughton.

The Executive Committee approved the changed arrangements for the Assembly, but was apprehensive about the strain on participants of the daily travelling. It was agreed to start the meetings each day at 9.30 instead of 9.00 and to adjust the schedule so that most meetings finished on 22nd August to facilitate participation in the main social event. Registration would be only at Lyngby, even on 17th August.

Requests from IDCNS and the Commissions on Nomenclature of Inorganic Chemistry and of Organic Nomenclature to meet at Lyngby immediately before the Assembly were accepted by the Executive Committee, but with the participants subject to the same IUPAC financial conditions. An early nomination for the office of Treasurer (1984-7) should be acknowledged and a potential nomination for Secretary General (1983-7) was noted: the NAOs would be circulated at the end of 1982 regarding nominations for vacancies amongst the Officers of the Union and Elected Members of the Bureau.

4.2/82 Arrangements for 29th Congress

When considering the completed advance information questionnaire for the Congress at Cologne (83.06.04-12), the Executive Committee insisted that the organizers must appoint a Congress Editor to work in conjunction with IUPAC and the publisher.

4.3/82 Arrangements for 33rd General Assembly

A report was available from Miss Troughton following her initial visit to France (82.02.21-23) to assess Paris and Lyon as possible locations for the 1985 Assembly. In her opinion the facilities at Lyon were better, although it was less easily reached than Paris:

- (i) Sufficient meeting rooms at École Supérieure de Commerce de Lyon (ESCAEL) and Campus École Centrale (CEC) in Ecully, a suburb of Lyon; dormitory rooms (limited number) satisfactory at ESCAEL and within easy walking distance of meeting rooms; dormitory accommodation at CEC comparable with Leuven; hotel accommodation available in Lyon, but bus service to Ecully inadequate.
- (ii) exploratory visits to La Sorbonne and Université de Paris Dauphine had not revealed sufficient or satisfactory meeting rooms; dormitory accommodation not considered good, although not actually inspected; hotels more expensive than Lyon.

The Executive Committee decided to ask Comité National Français de la Chimie about other possible locations in France, which might offer advantages over Lyon. The period 30th August-7th September 1985 would ensure that participants could go directly from the Assembly to the IUPAC Congress (see Minute 4.4/82 later).

Some guidelines were tabled by Miss Troughton for countries offering to host future General Assemblies.

4.4/82 Arrangements for 30th Congress

It was noted that the UK organizers had now made reservations to hold the Congress in Manchester during 9th-13th September 1985.

4.5/82 Invitations for 34th General Assembly

Invitations had been received from Hungary, Israel, Sweden, and USA to host the Assembly in 1987. At the suggestion of Prof. Zollinger, the Secretariat would request the four NAOs to reply in some detail to a questionnaire listing the main requirements for IUPAC in respect of accommodation, meeting rooms, etc., for consideration by the Bureau in Prague. Dr. Schneider asked for each NAO to indicate on the questionnaire if it was able also to host the 1987 Congress: he advocated that the Assembly and Congress whenever possible should follow each other in the same country (even same city).

4.6/82 Invitation for 31st Congress

The Secretariat should clarify prior to the Bureau meeting in Prague that an invitation from Bulgaria for 1987 was to host the Congress rather than the General Assembly.

5/82 FINANCIAL MATTERS

5.1/82 New UNESCO Contract on Teaching of Chemistry

The signing by President Nagakura on behalf of IUPAC of UNESCO contract 516.335 (to produce Nos. 17 and 18 of the International Newsletter on Chemical Education in 1982) since the 43rd Bureau meeting, was ratified by the Executive Committee.

5.2/82 Amendment of Bylaw 4.1065

A suggestion by the Executive Secretary to amend Bylaw 4.1065 to reflect current practice in the Union was deferred by Prof. Nagakura for consideration by the Bureau in Prague.

6/82 MEMBERSHIP OF IUPAC BODIES

6.1/82 Ratification of Nominations Approved by Correspondence

The nominations of new members of IUPAC bodies, approved through correspondence by the President since the 43rd Bureau meeting (see Appendix A), were ratified by the Executive Committee.

6.2/82 Committee on Chemistry and Industry

In 1982 Prof. K. H. Büchel would complete his first period of service of 4 years as Chairman of COCI, as would Dr. R. J. Fawcett, Dr. P. Rhyner, and Prof. D. Sianesi as Members. The President would check if Prof. Büchel was willing to continue for a further term, and the Secretariat would consult the relevant NAOs about the three Members.

6.3/82 Interdivisional Committee on Nomenclature and Symbols

The following nominations for membership (1981-5) from the Divisions were approved by the Executive Committee to fill vacancies on IDCNS:

- | | | |
|-----------|---|--|
| Members | - | Dr. T. D. Coyle (Inorganic Chemistry Division) |
| | | Prof. H. Freiser (Analytical Chemistry Division) |
| | | Mr. J. Oksanen (Applied Chemistry Division) |
| Associate | | Prof. J. Reedijk (Inorganic Chemistry Division) |
| Members | - | Prof. Yu. A. Zolotov (Analytical Chemistry Division) |
| | | Dr. H. Frehse (Applied Chemistry Division) |
| | | Dr. M. Roth (Clinical Chemistry Division) |

6.4/82 Resolution of US National Committee for IUPAC

- see Minute 3.2.3/82 earlier.

6.5/82 New Nominations

A further increase in the number of Associate Members (from 10 to 11 - cf. Minute 15(v)/81, 45th Bureau) above that of Titular Members was allowed for the Commission on Spectrochemical and Other Optical Procedures for Analysis (Bylaw 4.304), and the nominations of Profs. H. Ebel (Austria) and A. Manne (Norway) as new Associate Members (1981-1985) were approved.

6.6/82 Premature Resignations/Terminations

A listing (see Appendix B) of premature terminations/resignations of service as Titular and Associate Members on various IUPAC Commissions at the Leuven General Assembly was noted by the Executive Committee.

7/82 RATIONALIZATION OF WORK OF IUPAC SECRETARIAT

7.1/82 Review of Staffing and Work Load

At the request of the Executive Secretary and on behalf of the Secretary General, Dr. West had visited the Secretariat (82.01.19-20) to review the present staffing and work load, which had become excessive in some cases. His recommendations for reorganization of the Secretariat were considered by the Executive Committee and accepted in principle. Dr. Graulich cautioned with respect to the recommendations to devolve distribution of claim forms to Division officers and to appoint a new Editor-Assistant Secretary (Communications). Dr. Williams supported the recommendations as a whole,

but felt that the detail would need to be amended for some items. It was noted that Miss Troughton's secretary (Mrs. A. U. Inglis) would be away in Canada for one year from July 1982, thereby making difficult certain envisaged delegations of responsibility.

Dr. West and the Treasurer were authorized to proceed immediately with implementation of the recommendations, particularly creation of the post of Deputy Executive Secretary and appointment of an additional secretary.

Prof. Zollinger stressed that when candidates were nominated for officer positions in Divisions, Commissions, and Standing Committees, they should understand these were working appointments for which secretarial assistance could not be provided by the Secretariat.

7.2/82 Investigation of Office Computers and Word Processors
(Minute 15/81, 98th Executive Committee)

Miss Troughton said that her preliminary investigations indicated a small computer system would be insufficient to meet all our requirements. She was currently having material for the Membership Lists 1981-3 put onto a Wang system at Pergamon Press: if successful, a Wang system might be best for IUPAC. Investigations were also being made as to the most useful form of dictation equipment for senior staff at the Secretariat. In due course, recommendations would be submitted to Dr. West and the Treasurer.

7.3/82 Review of Use of Telex (Minute 5.3/80, 95th Executive Committee
- Villefranche)

The Executive Secretary reported that since mid-1980 the Secretariat had made good use of the telex-hire service of Oxford Relay Associates. He proposed to continue to utilize this service for the immediate future rather than install telex equipment at the Secretariat.

7.4/82 New Mechanism for Publication of Recommendations on Nomenclature and Symbols

The Executive Secretary tabled detailed procedures for the new mechanism, to be introduced on a trial basis for the next two years, for soliciting comments on and obtaining approval of IUPAC recommendations on nomenclature and symbols (Minute 11.2.8/81, 98th Executive Committee). He drew attention to the additional work required from the Secretariat and costs to the Union, and pointed out there would be no Information Officer (Dr. Gellender) from July 1982. The Executive Committee asked Dr. West to report back as soon as possible on how the new mechanism was developing in practice.

7.5/82 Involvement of Secretariat in Collaboration with ISO

In his recommendations for reorganizing the Secretariat (Minute 7.1/82 earlier), Dr. West had proposed that in future IUPAC "approval" of ISO standards should be discontinued. ISO should be provided with the names of Division Secretaries (or their nominees) to obtain advice or comments and the involvement of the Secretariat should cease.

- { 7.6/82 New Lease on Secretariat Offices
- { 7.7/82 Storage of Archives

The Executive Committee noted that the current lease on the Secretariat offices in Oxford would expire in mid-1982 and that more space would be required to accommodate the envisaged computer equipment, staff, and archive material. It was agreed that the lease should be renewed and that Drs. West and Williams, in conjunction with the reorganization of the Secretariat, should assess the requirements for more space and the need for an alternative location of the Secretariat.

Dr. West referred to developments since Leuven, especially his submission (February 1982) to the Finance Committee on financial implications of the Affiliates Scheme and the reactions. There had been a positive response from most of the limited number of NAOs approached to help in conducting a market survey later in the year. At Den Haag (82.05.02) the Committee on Affiliate Membership (CAM) had approved a suggested list of privileges for Affiliates, but was opposed to their having preferential eligibility for membership of IUPAC bodies. Unlike the existing CI, an Affiliate magazine must concentrate on IUPAC news, although it might retain some of the attractive appearance of CI. The involvement in IUPAC affairs of Presidents of National Chemical Societies had been discussed. CAM's recommendations as presented verbally by Dr. West were approved by the Executive Committee, including a request that Prof. Michalski should be added to the membership of CAM.

9/82 PUBLICATIONS (Dr. den Os in attendance)

Dr. den Os referred briefly to the recent meeting of the Publications Committee (Oxford, 82.04.29-30) and reported in detail on his subsequent personal discussions with Mr. I. R. Maxwell (82.05.01), tabling his telex summary of those discussions.

- (i) Better distribution of IUPAC publications, specifically Commission reports. Pergamon proposed to establish a fund to which the publisher and IUPAC would contribute on a 2:1 basis, to be administered by IUPAC with the objective to extend the number of gratis copies for distribution by the Union, Pergamon to donate US-\$10 000 to the fund.

Dr. Williams felt that the proposal pushed the dissemination problem back onto IUPAC, to identify individuals to receive the material and to meet the costs of dissemination (packing and postage). Dr. West agreed, emphasizing the primary need as being for Pergamon to increase substantially the circulation of PAC: it would be better for the publisher to spend money on advertising the journal. Dr. den Os said it was now clear young chemists no longer purchased books or journals for their personal use, but relied on library copies. Prof. Perez-Masiá wondered if the Pergamon proposal could be used to cover IUPAC's existing level of purchases from the publisher, but PAC reprints were already bought at a substantial discount by the Union.

The Executive Committee agreed that IUPAC should look further into the implications of the proposal, although its value to the Union seemed doubtful.

- (ii) Setting up an organization for establishment and random accessibility of chemical data bases and linkage to traditional printed publications. Pergamon would provide Dr. den Os before the end of June with a brief report showing their interest and capability in this area for inclusion with his report to the Bureau at Prague.

Dr. Schneider had initiated consideration of the subject by the Publications Committee at Oxford, being concerned how IUPAC-compiled data would be incorporated into data bases and its copyright in such matters. Pergamon was active in the data base field through its subsidiary company Infoline.

- (iii) Solubility Data Series Sub-Agreement. Pergamon would match its draft proposal with that of Prof. A. S. Kertes to provide a definite proposal to be approved at a meeting in Oxford by Mr. Maxwell, Prof. Kertes, and Dr. den Os before the Solubility Data Commission met at the end of June.

It was hoped that conclusion of satisfactory contractual arrangements would facilitate a more rapid flow of material for publication: only a single volume had been received since Leuven, where Prof. Kertes had indicated there to be 8 000 pages of compiled data (20 volumes) with various editors.

- (iv) Chemistry International. Unexpectedly Pergamon had now proposed to continue publication in 1983 at its own risk and expense, changing to monthly frequency and newspaper format, editorial responsibility to remain with IUPAC, linking up with the IUPAC Affiliate Membership Scheme and related rights for the Union to be negotiated as soon as Pergamon had developed its proposal in more detail within six weeks.

The Finance Committee (Minute 7/82, Zürich), on the basis of the present subscription data and noting the then pessimistic views of Pergamon, was unable to see any basis for continuation of CI after completion of the initial three-year trial period (1980-2). However, it saw an urgent need for more news about IUPAC activities to be disseminated regularly, especially to national chemistry news journals.

Dr. Gellender had resigned his position with IUPAC, effective end of July 1982, by which time he hoped to have completed five issues of CI for the year. Dr. den Os said that agreement still had to be reached with Dr. Gellender in order to prepare the sixth issue from Australia. The Leuven General Assembly material and Membership Lists 1981-3 would be issued as a supplement to CI later in 1982.

Dr. West doubted if the monthly frequency suggested by Pergamon for CI in 1983 was realistic and he was personally unhappy at the prospect of a newspaper format. He believed that a permanent staff replacement for Dr. Gellender would be needed in 1983 to prepare properly for an Affiliate magazine in 1984.

The Executive Committee agreed that the detailed proposal from Pergamon for CI in 1983 should be considered by Drs. den Os, West, and Williams, who should make recommendations to the Bureau at Prague.

9.1/82 Scientific Editorship of PAC (Dr. den Os in attendance)

Further to the situation reported by Prof. Ourisson to the Executive Committee at Leuven (Minute 13.2/81, 98th Meeting), Dr. den Os and he had drawn up terms for division of work for PAC between the Assistant Secretary (Publications) and the Scientific Editor. Unfortunately Dr. G. C. Barrett refused to accept the terms and his service as Scientific Editor had been terminated at the end of 1981. The Executive Committee supported the view of Dr. den Os that the post should be retained and a suitable person identified to fill the vacancy.

9.2/82 Reduced Prices of Publications for Least-developed Countries (Minute 13.3/81, 98th Executive Committee)

Pergamon was not convinced that a reduced subscription rate for PAC would bring in subscribers from LDCs. The matter would be reconsidered by the Union when the results had been ascertained of introducing a similar reduced subscription for Chemical Abstracts in 1982.

9.3/82 Guidance on Publication Philosophy and Policy of IUPAC

The US National Committee for IUPAC had questioned the policy of the Union of using IUPAC publications as a source of income, which had resulted in a very high priced journal and books with very limited circulation. As a

direct consequence, many of the important and substantial activities of IUPAC were not known to the international chemical community. Similar criticisms had been made by various Commissions about the outcome of their voluntary work for the Union.

Pergamon was predominantly a specialist field publisher, with short print-run/high price products aimed at captive markets, which was incompatible with the ideal for IUPAC of wide dissemination via long print-run/low price products.

Some discussion of these matters had been initiated at the recent meeting of the Publications Committee, with Prof. Nagakura and Dr. Schneider taking part. However, the Executive Committee would have to decide on the priority of future IUPAC publication philosophy (wide dissemination or maximization of income), so that the Publications Committee could consider how best to achieve it.

9.4/82 Brochure about IUPAC

Some ten years ago the Union had produced an information brochure about IUPAC, which was an update of an earlier document. The material had also formed the basis of an article in several national chemistry news journals. Much of the material in the brochure was now obsolete and stocks were nearly exhausted. Dr. Gellender had proposed that revised material should be issued in CI and also used for a new brochure. His suggestions on how to proceed and a draft of the actual material were considered by the Executive Committee.

Although a brochure would be helpful in several ways, if the main purpose was to launch the Affiliate Membership Scheme, it must await final approval at Lyngby of the detailed scheme still being developed. The brochure would need to be written with a different approach for the recruitment of CAs, for which finalization of a basic document was already awaited from COCI (see Minute 3.1.1/82 earlier). For general purposes a much shorter version, more like the original brochure, seemed better and should not necessarily overlap with the proposed article in CI. The Executive Committee took no decision to proceed with a new brochure for the time being.

10/82 RELATIONS WITH OTHER ORGANIZATIONS

10.1/82 Report on ICSU General Committee

A report by Prof. G. Smets, official representative of IUPAC to the ICSU General Committee (Dubrovnik, 81.09.24-25) was noted by the Executive Committee. Some matters had been considered earlier in the present meeting (Minutes 2.2.1 and 3.5.3/82). The report of the ICSU Secretary General for 1981 was received by the Executive Committee without discussion.

10.2/82 Nominations for Officers of ICSU

The President had accepted the advice of Prof. Smets, considering the actual situation within ICSU, for IUPAC not to introduce any nominations for the time being.

10.3/82 Application for Observer Country Status from Pakistan

The Chemical Society of Pakistan, having applied for membership of IUPAC too late in 1981 for consideration at Leuven, had subsequently requested Observer Country status of the Union. The IUPAC Officers had agreed that such requests should be handled simply through correspondence by the President rather than follow the formal routine for full membership. Prof. Nagakura

had therefore accepted the request and encouraged the submission of an application for membership in good time for Lyngby. These actions were ratified by the Executive Committee.

10.4/82 Application for Associated Organization Status from International Zeolite Association

An application for AO status from the Council of IZA was supported by the Physical Chemistry Division and its Commission on Colloid and Surface Chemistry including Catalysis. The Executive Committee agreed to ask the Bureau at Prague to recommend Council to accept the application at Lyngby. Dr. Schneider suggested that any eventual acceptance letter should mention the requirement for each AO to submit activity statements to IUPAC (see Minute 3.2.1/82 earlier).

10.5/82 IUPAB Representative to Macromolecular Division

The Executive Committee noted that Prof. H. A. Scheraga would continue to serve as the IUPAB representative for the period 1981-4.

10.6/82 Representatives on Other International Organizations

The Executive Committee accepted a proposal that Dr. D. R. Lide, Jr. should succeed Dr. R. N. Jones as the official representative of IUPAC to CODATA until the end of 1982. It was agreed that Prof. E. F. Westrum should take over the representation from the start of 1983, with financial support from IUPAC to the CODATA biennial General Assembly.

Prof. Ourisson and Dr. West were unable to represent IUPAC at the forthcoming General Assembly of FECS (Rome, 82.06.17-18) and the Executive Secretary was requested to act for the Union.

10.7/82 Council of Chemistry Editors

Because of the very large number of primary chemistry journals (about 500), it was impossible for IUPAC to set up a body equivalent to IUB's Commission of Editors of Biochemical Journals. Information was now available regarding the Council of Biology Editors, an apparently successful independent organization in good financial position. The Executive Committee decided that IUPAC should take no initiative to create a Council of Chemistry Editors: if it was eventually formed, however, an application for AO status of the Union should be encouraged.

10.8/82 International Organization of Chemical Sciences in Development

A booklet, detailing the aims and programmes of IOCD, was available with the papers for the meeting, together with a letter seeking additional financing. The Executive Committee reiterated its previous doubts about overlap with other existing bodies, including IUPAC (Committee on Teaching of Chemistry and CHEMRAWN). As the official representative of the Union, Prof. Zollinger would advise IOCD that his duty was primarily to coordinate the activities of the two organizations: IUPAC could not provide any financial support and contributions from countries should be sought from their ambassadors at UNESCO.

11/82 SPONSORSHIP: REPRESENTATION, SPONSORSHIP, SUBVENTION

11.1/82 International Conference on Application of Mössbauer Effect

The Executive Secretary reported on developments since Leuven (Minute 10.1/81, 43rd Bureau). Information had been included in the final circular for the rescheduled meeting (Jaipur, 81.12.14-18), regarding applications for entry

visas/landing permits and in conformity with IUPAC policy on freedom of participation. Israeli scientists had confirmed that the proposed arrangements were satisfactory to them, and IUPAC sponsorship had therefore been reinstated.

An application for sponsorship of the 1983 Conference (Alma Ata, September 1983) was currently being processed by the Union.

11.2/82 Ratification of Sponsorships Approved by Correspondence

The sponsorships of symposia, approved through correspondence by the President since the 43rd Bureau meeting (see Appendix C), were ratified by the Executive Committee. It was noted that sponsorship had not been granted to three meetings.

11.3/82 Ratification of Official Representatives to Symposia in 1982

The appointment of official representatives of IUPAC to its sponsored symposia in 1982, as made by the President through correspondence since the 43rd Bureau meeting (see Appendix D), was ratified by the Executive Committee.

11.4/82 2nd International Chemistry Conference in Africa (Nairobi, 83.06.27-07.02)

IUPAC had been requested to help finance the Conference, to help in identifying and sponsoring a prominent chemist(s) to give a plenary lecture(s), and to help with publicity.

The Executive Secretary drew attention to the fact that sponsorship had been withheld from the 1st Conference (1980), because the organizers would not permit participation of chemists from South Africa due to the political situation in that country. The organizers should be reminded of the non-political nature of IUPAC and its policy of freedom of participation of bona fide scientists from throughout the world, if the Union was to be involved with the 1983 Conference. In any case, the existing practice was reaffirmed not to provide financial support to symposia in a year when an IUPAC General Assembly was held. The Conference might be publicized in CI, and the invitation should be repeated for the Association of Faculties of Science of African Universities - Chemistry Committee to apply for AO status of the Union.

12/82 DATES AND PLACES OF NEXT MEETINGS

The next meeting of the Executive Committee was already scheduled for Prague on 82.09.12.

Prof. Nagakura confirmed his previous invitation (Minute 9/81, 97th Executive Committee - Villefranche) to meet in Japan during Spring 1983, proposing 83.04.12-13 at the Chemical Society of Japan building in Tokyo. He hoped that Japanese CAs would pay the subsistence expenses.

It was agreed to accept an invitation from Sociedade Portuguesa de Química to meet in Lisbon during Spring 1984. Prof. Michalski suggested Poland for the Summer 1984 Bureau meeting, and Dr. Schneider proposed Ottawa for the Executive Committee in Spring 1985.

VOTE OF THANKS

Prof. Nagakura asked for thanks to be recorded for the provision of facilities and hospitality by KNCV.

* * * * *

CHAIRMAN:

S. J. ...

NOMINATIONS OF NEW MEMBERS OF IUPAC BODIES

APPROVED BY PRESIDENT SINCE 43rd BUREAU MEETING

Committee on Chemistry and Industry

Dr. R. Degain (France)(1982-) to replace Dr. J. Montet (France)
who has resigned

Commission on Thermodynamics - approval granted to increase from 11 to
12 Associate Members until 1983 (Bylaw 4.304)

Prof. H. Suga (Japan) - Associate Member (1981-1985)

Commission on Physical Organic Chemistry - approval granted to increase
the number of Associate Members (8) above that of Titular Members (7)
until 1983 (Bylaw 4.304)

Dr. J. R. Penton (Switzerland) - Associate Member (1981-1985)

Commission on Teaching in Clinical Chemistry - approval granted to increase
from 7 to 8 Associate Members until 1983 (Bylaw 4.304)

Dr. N. de Cediél (Colombia))
Dr. M. Roth (Switzerland)) Associate Members (1981-1985)
Dr. V. Titov (USSR))

(Note. Prof. P. Lous and Prof. V. V. Menshikov were nominated in error
at Leuven for extension of their Associate Membership from 1977-1981
to 1983.)

PREMATURE RESIGNATIONS/TERMINATIONS

OF MEMBERS OF IUPAC BODIES

Commission I.1 - Dr. D. W. H. den Boer (TM)

I.3 - Dr. R. Tamamushi (AM)

I.4 - Dr. D. Ambrose (AM)
Dr. J. E. Lane (AM)

IV.2 - Prof. C. H. Bamford (AM)

V.1 - Dr. J. Buffle (AM)
Prof. M. Guernet (AM)

V.2 - Dr. M. Pínta (AM)

V.3 - Prof. D. Dyrssen (AM)

V.4 - Dr. R. Müller (AM)

V.6 - Prof. P. W. Schindler (AM)

V.8 - Dr. A. Szafranski (AM)

(as at 82.04.29 : see also Minute 10.1/81, 43rd Bureau)

- 7th International Conference on Solid Compounds of Transition Elements
(Grenoble, France: 82.06.21-25)
- 9th International Mass Spectrometry Conference
(Vienna, Austria: 82.08.30-09.03)
- 6th International Conference on Computers in Chemical Research and Education
(Washington, DC, USA: 82.07.06-11)
- International Conference on Oils, Fats and Waxes
(Auckland, New Zealand: 83.02.13-17)
- 23rd Colloquium Spectroscopicum Internationale
(Amsterdam, Netherlands: 83.06.26-07.01)
- 24th & 25th Prague Microsymposia on Macromolecules
(Prague, Czechoslovakia: 83.07.11-14 & 18-21)
- 2nd International Symposium on Clinical Chemistry and Chemical Toxicology
(Montreal, Canada: 83.07.19-22)
- 9th International Congress of Heterocyclic Chemistry
(Tokyo, Japan: 83.08.21-26)
- 2nd IUPAC Symposium on Organometallic Chemistry Directed Towards Organic
Synthesis
(Dijon, France: 83.08.28-09.01)
- 6th International Symposium on Cationic Polymerization
(Ghent, Belgium: 83.08.30-09.02)
- International Conference on Fourier Transform Spectroscopy
(Durham, UK: 83.09.05-09)
- 8th International Congress on Catalysis
(Berlin, FRG: 84.07.02-07)
- 14th International Symposium on Chemistry of Natural Products
(Poznań, Poland: 84.07.09-16)
- 7th IUPAC Conference on Physical Organic Chemistry
(Auckland, New Zealand: August 1984)
- 8th IUPAC Conference on Physical Organic Chemistry
(Tokyo, Japan: August 1986)
- 9th International Conference on Raman Spectroscopy
(Tokyo, Japan: 84.09.03-08)
- * * *
- Sponsorship has not been granted to:
- 3rd International Recycling Congress
(Berlin, FRG: 82.04.19-21)
- 4th International Symposium on Polyhalogen Compounds
(Wrocław, Poland: 82.06.21-25)
- 7th International Conference on Vacuum Ultraviolet Radiation Physics
(Jerusalem, Israel: 83.08.08-12)

APPENDIX D

OFFICIAL REPRESENTATIVES OF IUPAC TO ITS SPONSORED SYMPOSIA
APPOINTED BY PRESIDENT SINCE 43rd BUREAU MEETING

(see also Minute 10.2/81, 43rd Bureau)

- International Symposium on Safe Use of Solvents
(Brighton, UK: 82.03.23-27) - Prof. A. D. JENKINS
- International Congress on Automation in Clinical Laboratory
(Barcelona, Spain: 82.04.19-22) - Prof. M. HJELM
- 6th International Symposium on Solute-Solute-Solvent Interactions
(Minoo, Japan: 82.07.4-10) - Prof. S. AHRLAND
- 6th IUPAC Conference on Physical Organic Chemistry
(Louvain-la-Neuve, Belgium: 82.07.11-16) - Prof. G. MODENA
- 28th International Symposium on Macromolecules
(Amhurst, USA: 82.07.12-16) - Prof. C. H. BAMFORD
- 8th International Conference on Nonaqueous Solutions
(Nantes, France: 82.07.19-23) - Prof. Y. MARCUS
- 9th IUPAC Symposium on Photochemistry
(Pau, France: 82.07.25-30) - Prof. F. C. DE SCHRYVER
- 13th International Symposium on Chemistry of Natural Products
(Pretoria, South Africa: 82.08.02-07) - Prof. J. MATHIEU