

AGENDA FOR THE XXIInd IUPAC CONFERENCE COUNCIL MEETING

London, July 1963

- (1) Approval of the Minutes of the Montreal Meeting
- (2) Extraordinary Resolution applicable to the elections in 1963 (Appendix B-Tokyo Minutes)
- (3) Approval of the new Statutes, specific Resolutions with regard to XII
- (4) Approval of new By-Laws
- (5) Announcement of nominations for new Officers and Bureau Members
- (6) Announcement of the time of Elections
- (7) Adhering Organizations
 - (a) Approval of new members: Korea and Viet Nam
 - (b) Approval of change in category: India, Australia and Finland
- (8) Statutory Report of the President
- (9) Ratification of the appointment of the Finance Committee
- (10) Ratification of the appointment of the Drafting Committee
- (11) Biennial Report of the Treasurer, comments of the Finance Committee
- (12) Budget for 1964 and Tentative Budget for 1965
- (13) Ratification by Council of the decisions taken by the Bureau since the XXIst Conference
- (14) Adoption of the Division Presidents' Reports
- (15) Proposal of Tentative Nomenclature Rules
- (16) Report of the Division Presidents on the results of the Conference
- (17) Reports of the Finance Committee
- (18) Elections
- (19) Teaching of Chemistry
- (20) Chemical Technology
- (21) Co-operation and association with the United Nations Agencies
- (22) Date and place of the XXIIIrd Conference and the XXth Congress
- (23) Any other business

MINUTES OF THE COUNCIL MEETINGS

held in London from July 5 to 9, 1963

*July 5, 1963—2 p.m. Open Meeting
3.30 p.m. Closed Meeting*

July 6, 1963—Morning

July 9, 1963—Full day

Present: President WILLIAM ALBERT NOYES, Jr. (in the Chair), Members of the Bureau and Delegates of the Adhering Organizations (see page)

All formalities to enable the Council to make valid decisions had been carefully fulfilled. Bureau Members and the members of the Adhering Organization had been invited by the Secretary General, with a registered letter dated December 28, 1962. A draft agenda had been enclosed with this invitation and the invited members were requested to propose additional items. In particular, attention was drawn to Item Nos. 3 and 4 with regard to the new Statutes and the new By-Laws and Item No. 18, regarding Elections.

The first draft of the proposed new Statutes was circularized in December, 1962, a French translation of a project of the new Statutes labelled July, 1962. This translation was made by the courtesy of the French National Body as requested by the Secretary General on September 21, 1962. The English version of the proposed new Statutes was circularized later; according to the old Statutes six months before the Council meeting.

The President's Report on the General State of the Union was distributed together with the Report of the Hon. Treasurer which also included the Report of the Auditors. These documents were dispatched four months before the Council meeting in English and in French.

The *ad hoc* Finance Committee was given the opportunity to visit the Union's Bankers in Switzerland and to check the accounts in the smallest detail.

On May 22, 1963 (ref: 9147) a circular letter regarding elections with all nominations for the Bureau, etc., was circularized with the final Agenda for the Council Meeting which took care of all the comments received.

To make a very clear situation with regard to the proposed new Statutes and By-Laws, the President decided that a draft of the proposed new Statutes—taking care of all the comments received in the meantime—be printed on special paper in draft and submitted to the Bureau and Council in London.

The Reports of the Section Presidents (Division Presidents according to the new Statutes) have been distributed before the Conference in London.

These Minutes have been circularized already in draft among the members of the Adhering Organizations, Members of the Bureau and Finance Committee and comments received have been duly incorporated.

Minute 1 Approval of Minutes

The minutes of the Montreal meeting were approved and accepted.

Minute 2 Election Procedure

The resolution applicable to elections during the 1963 Conference was approved and accepted.

Minute 3 Adoption of New Statutes

The Council approved the acceptance of the new Statutes in principle. The French delegation were prepared to accept these as presented in draft with the proviso that they be permitted to

formulate modifications relating to a number of points within the next six months for consideration by the Executive Committee and Bureau at their next meeting, and that the consequential recommendations should be submitted to the Council for consideration as amendments at the next meeting in 1965. The chairman proposed that any other changes suggested by the delegates be dealt with in the same manner.

Resolved: That the Statutes as presented be accepted with the following minor changes:

Statute V C 2 (b) page 3, lines 24–25 *delete*: “Abstentions... votes.”

Statute V C 1 page 2, line 42 *add*: “Abstentions shall not be recorded as votes.”

Language for Minutes of Meetings: arising from Statute V D (d)

Resolved: That the minutes of the meetings of the Council, Bureau, and Executive Committee shall be recorded in English for the next four years, 1963–67.

Minute 4 Adoption of Draft By-Laws

The draft By-Laws were unanimously accepted. Relating to By-Law Xi B 1, paragraph 1, the UK delegation proposed that the permissible number of associate members on each Commission be increased to six. After debate it was resolved that this suggestion be put to the Bureau and Executive Committee later.

Minute 5 Nominations for Elections to the Bureau

The list of members nominated for election to the Bureau, was announced. The Chairman brought to the attention of the Council that, on the resignation of Prof. NABUCO DE ARAUJO, the Bureau had unanimously proposed Prof. V. DEULOFEU (Argentina) as a nominee to ensure an even geographical distribution. Statute VII B provides that the Council shall elect not less than ten members to the Bureau. The Executive Committee proposed that twelve members should be elected.

Resolved: That there shall be twelve elected members of the Bureau for the next biennium in addition to the Officers of the Union.

Minute 6 Date and Time of Elections

The election of new officers and Bureau members was fixed for Tuesday, July 9, at 11.00 a.m.

Minute 7 Adhering Bodies

- (a) On the application of South Korea and Viet Nam for membership in the Union.

Resolved: That South Korea and Viet Nam be elected to membership in Category C.

- (b) On the application of Australia, India and Finland for change in membership category

Resolved: That the Council approves the change in category of the following member countries:

Australia	from Category B 1	to Category A 1
Finland	from Category C	to Category B 1
India	from Category C	to Category B 2

Minute 8 Statutory Report of the President on the State of the Union.

The President invited comments on his Report which had been distributed previously.

Resolved: That the Report of the President be received.

Minute 9 ad hoc Finance Committee

Resolved: That Council approve the appointment of an *ad hoc* Finance Committee to look into and verify the accounts of the Union with membership as follows:

P. ARNOLD (USA), Prof. JOHN C. BAILAR, Jr. (USA), Dr. C. O. GABRIELSON (Sweden), Prof. O. HORN (Germany), J. GIVAUDON (France), Prof. D. MAROTTA (Italy)

Minute 10 Ratification of Appointment of a Drafting Committee

Resolved: That a drafting committee be appointed with the following membership:

Dr. J. S. ANDERSON (England), Prof. W. A. E. MCBRYDE (Canada)

The French delegation emphasized and the President concurred that the final responsibility for the correctness of the Minutes lies with the Secretary General.

Minute 11 Biennial Report of the Honorary Treasurer

Resolved: That the biennial report of the Honorary Treasurer be accepted with thanks.

Minute 12 Budget for 1964 and Tentative Budget for 1965

The Secretary General stated that a Budget for 1964 would be difficult to establish at this stage, as the Divisions had not presented their report on future activities. The Budget will be prepared by the Executive Committee when prospective expenditure is known, and will be submitted in September. The Budget for 1965 can be more firmly established, as the main activities of the Union are known for that year.

Resolved:

(I) That the Council approve the estimates of income.

(II) That the Executive Committee shall compile details of the budgetary estimates before the end of the year 1963.

Minute 13 Ratification by Council of decisions taken by the Bureau since the XXIst Conference

Resolved: That the Council approve the decisions taken by the Bureau since the XXIst Conference in Montreal in 1961.

Minute 14 Reports of Division Presidents

Reports by Presidents of Divisions, Sections and Commissions relating to future activities are to be approved by the Council only in principle. If these reports and suggestions on future activities have any financial implications a final ratification must be made at a subsequent Bureau meeting which should approve or decide otherwise in the light of the advice of the Treasurer regarding financial implications.

Division Presidents are invited to give due consideration to the financial implications and discuss the details with the Treasurer prior to their statement to the Council.

Following the procedure at the XXIst Conference and in accordance with the new draft Statutes X-1 the reports of the Division

Presidents had been circulated. Each Division President gave a brief outline on the work carried out by his Division since the last meeting of the Council.

Dr. H.W. THOMPSON (England) gave a progress report on the work of the Union's Editorial Board.

Resolved: That all six reports of the Divisions and that of the President of the Editorial Board be accepted.

Minute 16 Reports of the Division Presidents on the results of the Conference
Reports from each Division were given by the respective Presidents. For purposes of these minutes only those actions requiring formal approval of Council have been recorded.

Physical Chemistry

- (1) It was agreed that a recommendation be forwarded to the International Commission on Weights and Measures that appropriate action be taken to redefine the litre as equal to one cubic decimetre.
- (2) It was agreed in principle that the Commission on Symbols and Terminology be authorized to revise the Manual on Physicochemical Symbols and Terminology. The Commission was instructed to pay particular attention to the definition of the *mole* as a unit of quantity of substance and to the adoption of the abbreviation *mol* proposed by IUPAC.
- (3) It was agreed that the Commission on Thermodynamics and Thermochemistry be authorized to solicit funds from outside the Union to finance setting up a task group to prepare and publish a set of Tables of Thermochemical Data for Industrial Gases.
- (4) It was agreed that the Physical Chemistry Division should retain its existing Commissions for four years.
- (5) A recommendation to send an IUPAC representative to the IUPAP Commission on Nuclidic Masses was referred to the Executive Committee.

Inorganic Chemistry

- (1) It was agreed that the Inorganic Chemistry Division should retain each of its four existing Commissions for two years.

Organic Chemistry

- (1) It was announced that the Commission on Codification of Data would be dissolved. The Council agreed to retention of the Commission on Organic Nomenclature.

Analytical Chemistry

- (1) The Council agreed to distribution of the Fifth Report on Inorganic Reagents and Reactions to all adhering organizations for approval prior to publication.
- (2) Approval was given to publication of a report entitled "Test Compounds for the Microdetermination of Oxygen in Organic Compounds".
- (3) It was agreed that all Commissions in this Division should be renewed for four-year periods.

Biological Chemistry

- (1) Approval was given to a plan under which the Commission on Nomenclature of Biological Chemistry will meet and act together with the corresponding Commission of the International Union

of Biochemistry. Each Commission will continue to serve and be responsible to the Union through which it was appointed. Each Commission will have five members. A member of the IUPAC Commission will be selected as first President of the combined Commissions, and a member of the IUB-Commission as the first Secretary. It was agreed that the Commission on Nomenclature of Biological Chemistry be renewed for four years under the foregoing conditions.

- (2) It was announced that the Commission on Proteins would be dissolved. It was agreed that the Commission on Clinical Chemistry be renewed for four years.

Applied Chemistry

- (1) It was announced that the Commission on Fermentation Industries would be dissolved. The report of the determination of fusel oils is to be issued within six months.
- (2) It was announced that the Commission on Food is shortly to issue its report on methods of analysis for traces of metals and will then dissolve.
- (3) It was agreed that a small committee consisting of the Secretary General, and the Presidents of the Division of Analytical, Applied, and Physical Chemistry, would consult with representatives of WHO and FAO regarding the preparation of an International Codex Alimentarius with particular assistance to be given in areas of chemical interest.
In addition to the foregoing, approval was given to the membership of the executive for each of the foregoing divisions, and to changes in membership in commissions as given by the respective Division Presidents.
The reports of the Division Presidents also included announcements of a number of forthcoming symposia to be held under auspices of the Union.
 - (a) Symposium on Macromolecules, Prague, 1965; approved subject to no objection from the National Academy of Sciences, USSR, who will be organizing the XXth Congress.
 - (b) Symposium on Properties of Solids at High Temperatures, Paris, 1965; approved subject to same proviso as (a).
 - (c) VIIIth Conference on Co-ordination Chemistry, Vienna, 1964; approved.
 - (d) Symposium on Organo-metallic Compounds, USA, 1965; approved provisionally.
(Financial support for this is expected from two bodies outside the Union, and there was some inconclusive discussion of what the Union's role should be in it.)
 - (e) Symposium on Free Radicals—Gomberg Centenary Symposium, Michigan, 1966; approved.
 - (f) Symposium on Organo-phosphorus Compounds, Heidelberg, 1964; approved.
 - (g) Symposium on Alicyclic Compounds, Prague, 1966, approved.

Minute 17 Report of the Finance Committee

Resolved: That the Council, in adopting the report of the Finance Committee, approve the following recommendations contained in the report.

- (1) That restrictions on the Union's investment policy be removed and that, with the concurrence of the Executive Committee, the Union's bankers be empowered to invest in stock other than fixed interest securities and the chemical industry.
- (2) That funds now held in the United Kingdom be removed to some other location, where they are free of tax.
- (3) That, as was recommended at the XXIst Conference in Montreal, one or more persons should be appointed in each adhering country to devise and implement ways of raising additional contributions from industry.
- (4) That the Editorial Committee should give consideration to the present small circulation of the Union's publications and adopt means to obtain a larger income from publications.
- (5) That the procedure outlined in Minute 153 of the 47th Meeting of the Executive Committee in Montreal, 1961, be implemented in order to achieve more realistic budgeting.
- (6) That the Union's reserve funds be gradually increased over a period of 5–10 years, (a) by crediting to the reserve account the interest earned on the reserves and (b) by transferring \$10000 per year to the reserve fund.
- (7) That in place of the present arrangements for *ad hoc* Finance Committees a standing Finance Committee, of not more than five members, be set up to advise the Bureau and Executive.
- (8) That the Executive and Bureau should give closer consideration to achieving economy in the operation of the Union, in that the new Statutes should give a better control of the Union's Commissions.
- (9) That two new categories of membership be set up: Category A-4, with a minimum annual contribution of \$25000, and Category D, with a minimum annual contribution of \$100.
It was also *resolved* that an expression of gratitude be sent to Sir CHARLES DODDS for his services as Honorary Treasurer of the Union.

Minute 18 Elections

Nominations for the elections had been invited from the adhering bodies in a letter (No. 8310) dated December 28, 1962. All nominations received up to May 4, had been listed and circulated amongst the adhering organizations, together with short biographies of the candidates.

The President announced that: (a) The procedure to be followed in the Elections had been announced in "Information Bulletin" No. 18. A letter (No. 9147) dated May 22, 1963, to all adhering bodies, had called for approval of this procedure and relevant suggestions. The recommended procedure was *adopted*. (b) With the decision that the Bureau should have 12 elected members (Minute 5), *ten* places on the Bureau had to be filled by election.

The results of the voting were:

	<i>For/Yes</i>	<i>Against/No</i>
<i>President:</i> Lord TODD	138 votes	—
<i>Treasurer:</i> Prof. BAILAR	138 votes	—
<i>Secretary General:</i> Dr. MORF	126 votes	8 votes

<i>Vice-President</i>	<i>For/Yes</i>
Prof. W. KLEMM	100
Prof. V. KONDRATIEV	36

Members of the Bureau

Prof. V. KONDRATIEV	124 (4 years)
Dr. H.W. THOMPSON	136 (4 years)
Prof. S. MIZUSHIMA	130 (4 years)
Dr. A. REES	130 (4 years)
Prof. J. LECOMTE	128 (4 years)
Dr. C. O. GABRIELSON	120 (2 years)
Prof. V. DEULOFEU	118 (2 years)
Prof. VERKADE	102 (4 years)
Prof. D. MAROTTA	98 (2 years)
Prof. D. GINSBURG	78 (2 years)

Prof. O. WICHTERLE and Dr. T. GOVINDACHARI continue as members of the Bureau for the next two years.

The term of office was determined by drawing lots.

Minute 19 Teaching of Chemistry

In response to a request from UNESCO for assistance in meeting the problems of teaching Chemistry in different parts of the world, the Executive Committee and the Bureau have discussed the teaching of chemistry. The President drew a distinction between the problems, and the methods of dealing with them, in countries where chemistry and scientific activities generally are well established and in an advanced stage, and the problems involved for countries where scientific and technological activities are just commencing.

Resolved: That the Bureau and Executive Committee be empowered to appoint a committee to consider in what way the Union can assist UNESCO in framing recommendations for the teaching of chemistry. Council did not closely specify the terms of reference of the committee.

Minute 20 Chemical Technology

Prof. TRUHAUT proposed that a committee should study the relation between the interests of the Union (and of the Division of Applied Chemistry in particular) and the subject of Chemical Engineering, and that the advice and participation of Chemical Engineers should be sought where it was relevant to the activities of Commissions.

Resolved: That the Committee of the Applied Chemistry Division be empowered to set up an *ad hoc* committee to explore the possibility of liaison between the Union and the subject of Chemical Engineering.

Minute 21 Co-operation and association with United Nations agencies

Requests have been received from WHO, FAO and IAEA for co-operation with the Union wherever chemical problems may be involved. The Bureau has taken and can take appropriate steps for such co-operation; no formal action is required on the part of the Council.

Minute 22 Date and Place of XXIIIrd Conference and XXth Congress

- (a) An invitation had been sent on April 27, 1963, to the President from the President of the Academy of Sciences of the USSR to hold the XXth Congress in Moscow in 1965.

Resolved: That the XXth Congress be held in Moscow in 1965. There was an agreement reached whereby the delegates from the USSR will endeavour to assist in the admission to Russia of scientists who might encounter difficulties on political grounds in gaining admission to attend the Congress.

- (b) The delegates from France extended an invitation for the XXIIIrd Conference to be held in Paris.

Resolved: That, pending an official letter from the Comité National de la Chimie de France, the Council approve holding the XXIIIrd Conference in Paris, in 1965.

Minute 23 (a) Future Activities of the Union

Resolved: That a committee be set up to consider the future activities of the Union, the members of the Committee being nominated by the Officers.

- 23 (b) *Report of a Special Committee on the problem of restricted travel*
Arising from discussions in Council on July 6, the President had appointed a special committee, consisting of representatives from the USSR, Israel, the United Arab Republic, Hungary and the United Kingdom, to consider the freedom of access of scientists to all countries in which future meetings of the Union might be held. Dr. H. W. THOMPSON (England) presented the report of the committee in the form of a resolution.

Resolved: That this Council records its unanimous view that working scientists from any member country should not be prevented by restriction of travel from attending meetings organized under the auspices of the International Union of Pure and Applied Chemistry, and that all possible practical steps should be taken towards this end.

- 23 (c) *Resolutions from the Bureau*

Since the description "affiliated organization" does not exist in the new statutes, the position of organizations so designated in the past must be considered afresh. In order that this might be done in due order and with the minimum of disturbance the Bureau proposed the adoption of the following resolutions by Council.

Resolved:

- (1) That those organizations hitherto described under the 1957 Statutes as "affiliated organizations" be given the status of "associated organizations" for two years; i.e., until the end of the 1965 Conference of the Union.
- (2) That any of these organizations wishing to have the status of "associated organizations" after the Conference of the Union in 1965 be required to forward to the Secretary General of IUPAC before December 31, 1963, an application for association giving full particulars of the organization, its aims and general structure. Such applications shall be considered by the appropriate Division Committees who will submit their observations to the

Bureau not later than March 1, 1964. The recommendations of the Bureau regarding the applications shall be submitted to the Council for final decision at the 1965 Conference.

Minute 24 Vote of thanks

With acclamation, a vote of thanks was expressed by Lord TODD, to the outgoing President, Prof. WILLIAM ALBERT NOYES, Jr., who continues for another two years as a member of the Executive Committee. As requested by the Finance Committee, a vote of thanks was extended to the Hon. Treasurer Sir CHARLES DODDS. To our British hosts, thanks were expressed for their invitation, their hospitality and for all the facilities made available to us during the Conference in London.

AGENDA FOR THE 15th BUREAU MEETING

London, July 1963

- (101) Finalization of the Agenda
- (102) Minutes of the 14th Bureau Meeting
- (103) ICSU Future Structure: Instructions to IUPAC Representatives
- (104) Commission on Colloid and Surface Chemistry—9 members
- (105) Co-ordination of Tables of Thermodynamic Properties of Gases
- (106) Report on the work of the Technical Committee—ISO/TC 12
- (107) Co-operation ISO/IUPAC
- (108) International Conference on Co-ordination Chemistry, Vienna
- (109) Food Division—New Commission to deal with selenium, boron and fluorine
- (110) Subjects for Symposia and Congresses
- (111) Any other business

MINUTES OF THE 15th BUREAU MEETING

held in London, July 1963

July 4, Morning and Afternoon

July 5, Morning

July 10, Morning

<i>Present</i>	Prof. W. A. NOYES, Jr., President,	Prof. R. TOURKY
	Sir CHARLES DODDS, Treasurer	Prof. P. E. VERKADE
	Dr. R. MORF, Secretary General	Prof. O. WICHTERLE
	Lord TODD	Prof. G.-M. SCHWAB
	Prof. W. KLEMM	Prof. H. J. EMELÉUS
	Prof. V. KONDRATIEV	Prof. H. ERDTMAN
	Prof. M. LETORT	Prof. W. M. SPERRY
	Dr. T. GOVINDACHARI	Prof. H. MALISSA
	Prof. D. MAROTTA	Dr. J. H. BUSHILL
<i>Excused</i>	Prof. A. TISELIUS	Prof. A. STOLL
<i>Resigned</i>	Prof. C. E. NABUCO DE ARAUJO	

Newly-elected Bureau Members also present on July 10, 1963

Prof. V. DEULOFEU	Dr. A. REES
Dr. C. O. GABRIELSON	Dr. H. W. THOMPSON
Prof. D. GINSBURG	Prof. J. DE BOER
Prof. J. LECOMTE	Prof. L. MARION
Prof. S. MIZUSHIMA	Prof. R. TRUHAUT

Introduction

The Bureau and the Executive Committee discussed the entire Agenda prior to submitting it to the Council. In order to simplify the records and to avoid endless repetitions, only those resolutions made by the Bureau and the Executive Committee specifically are listed hereafter and are not referred to in the Council Minutes.

With regard to the Bureau Minutes, it must be borne in mind that a very short constituted meeting was held again after the Council meeting, on July 10, 1963

Minute 1 Agenda

Resolved: That the Agenda as circulated by the Secretary General prior to the meeting, be approved and accepted.

Minute 2 Minutes of the Bureau Meeting held in Brussels

Resolved: That the Minutes of the 14th Bureau Meeting held in Brussels be approved and accepted.

Minute 3 ICSU Future Structure

Prof. NOYES gave the meeting details on the history of ICSU and the work it has carried out since its inception. He stressed the importance of a strong ICSU for the benefit of the Unions.

Resolved: That the Bureau being in favour of a strong ICSU supports the proposals put forward by the ICSU Committee on the Future Structure. The Bureau therefore recommends that

the IUPAC representatives should support these proposals at the meeting of the ICSU and should any amendments be proposed at that meeting, our representatives should be guided in their attitude to them by the above expressed feelings of the Bureau that ICSU should be strong.

Minute 4 Commission on Colloid and Surface Chemistry

Resolved: That the Bureau approve the composition of 9 members in the Commission on Colloid and Surface Chemistry (as an exception to the rules).

Minute 5 Co-operation with International Agencies and with International Standards Organizations

It was the unanimous opinion of the Bureau that the Secretariat in Basle be strengthened sufficiently to handle these problems.

Resolved: That the Secretariat in Basle be strengthened by an additional Scientist who would either answer the queries directly or transmit them to the appropriate Divisions concerned who would in turn reply to the best of their ability. This would be a tentative arrangement till such time wider fields could be explored to handle this problem. The Presidents of the Divisions of Applied, Physical and Analytical Chemistry would discuss this matter in detail at the next ISO meeting in October 1963.

Minute 6 Sponsorship

Resolved: That

- (a) Sponsorship should not be granted to any particular meeting unless an application is made through the Division Committee, at least two years before the meeting.
- (b) In particular, we do not approve of sponsorship to any meeting which is organised by a body not incorporated in one way or the other in the structure of IUPAC.
- (c) Sponsorship involving financial support be given to only those Symposia and meetings organized by the Divisions themselves.

Minute 7 Food Division – New Commission

Dr. BUSHILL asked the Chair for agreement on a Commission in the Applied Chemistry Division to deal with the toxicity, evaluation methods of analysis and tolerable limits of selenium, boron and fluorine.

Resolved: That agreement be given to such a Commission being formed.

Minute 7 Subjects for Symposia and Congresses

The Future Activity of the Union was discussed at length and the Division Presidents were requested to send their suggestions to the Secretary General.

New Bureau Meeting - July 10, 1963

Lord TODD took the Chair and elections were held for members on the Executive Committee. The following members were elected: Prof. V.N. KONDRATIEV, Dr. A.L.G. REES, Prof. P. VERKADE.

Minute 8 The Finance Committee

It was unanimously decided to have a permanent Finance Committee.

Resolved: That a permanent Finance Committee be appointed by the President, Lord TODD and this committee circulate a report to the Bureau.

Minute 9 Next Meeting

Resolved: That the next Bureau Meeting be held in March 1964 in Basle. The dates to be finalized by the Secretary General.

**AGENDA FOR THE 52nd MEETING OF THE
EXECUTIVE COMMITTEE**

London, July 1963

- (201) Finalization of the Agenda
- (202) Minutes of the 51st Meeting held in Cairo
- (203) Decision with regard to Travel and Subsistence Allowance
- (204) Turkey-Dollar exchange difficulties, annual subvention to be reduced
- (205) Detailed programme for additional meetings of Bureau and Council
- (206) Atomic Weights Commission—letter from Dr. GUÉRON dated March, 18 to Prof. EMELÉUS)
- (207) Next meeting to be held in Australia, April 1964, (letter dated April 4, 1963)
- (208) Tables of Constants
- (209) ISO: TC 12 and TC 47
- (210) Any other business

MINUTES OF THE 52nd EXECUTIVE COMMITTEE MEETING

held in London, July 1963

June 29, Morning and Afternoon

June 30, Morning and Afternoon

July 10, Morning

<i>Present</i>	Prof. W. A. NOYES, Jr. (President)	Prof. M. LETORT
	Sir CHARLES DODDS, Treasurer	Dr. R. MORF, Secretary Gen.
	Prof. V. KONDRATIEV	Lord TODD
	Prof. W. KLEMM	
<i>Invited</i>	Prof. John C. BAILAR, Jr.	

Introduction

The Executive Committee discussed the agenda for the Bureau and Council Meetings and the Minutes hereafter are confined to those matters which were dealt with exclusively by the Executive Committee.

Minute 235 Agenda

Prof. NOYES whilst opening the Meeting asked the members for approval on the sequence of the items listed in the Agenda.

Resolved: That the Agenda be approved as presented.

Minute 236 Minutes of the 51st Meeting

Resolved: That the Minutes of the 51st Meeting of the Executive Committee held in Cairo be approved.

Minute 237 Travel and Subsistence Allowance

The list of payments for the London Conference, as submitted by the Treasurer, was approved. It was suggested that in order to have a set limit for travel allowance, only the quickest and the cheapest fares (round-trip economy class by air) be paid to Titular Members. Any difference in fares to be borne by the member concerned.

Resolved: That the Travel and Subsistence Allowance list be approved as submitted. Hereafter IUPAC pay the round-trip economy class air fares to Titular Members. Any difference therefrom to be borne by the member.

Special Clause: For Division of Applied Chemistry, two Secretaries claimed travel and subsistence allowance for the London Conference and as a very special case this was allowed provided that the Division would amend its by-laws to have two Secretaries. In the meantime, it was approved to pay also the travel and subsistence allowance for the two new Secretaries of this Division.

Minute 238 Application for annual subvention to be reduced – Turkey

The Committee decided that making a special case of this issue would possibly lead to a dangerous financial situation. It was therefore decided that Turkey be transferred to a lower category.

Resolved: That Turkey be transferred to Category D.

Minute 239 Atomic Weights Commission

A letter dated March 18, from Dr. GUÉRON to Prof. EMELÉUS was discussed and the meeting decided that the Commission should not be dissolved but its membership be reduced and that the International Union of Pure and Applied Physics be invited to co-opt two members for this Commission.

At this stage, the controversy over "Atomic Weights" or "Atomic Masses" was referred to. The meeting was in agreement with the Committee of the Inorganic Division to retain the title as "Table of Atomic Weights".

Resolved: That the Commission on Atomic Weights be maintained with a reduction in its membership and a possible co-ordination with IUPAP by co-opting two members for this Commission (Secretary General to act).

Minute 240 Affiliation

This subject was discussed in light of the new Statutes. Regarding CITCE it was decided that the advice of Prof. SCHWAB, President of the Physical Chemistry Division, should be taken and a decision made thereafter. The Physical Chemistry Division has a Commission on Electrochemistry with three Sub-Commissions. Prof. KONDRATIEV suggested that there were two solutions with regard to CITCE. Either to assimilate it in our Commission or to ignore it completely.

Regarding the Congress on Catalysis, it was decided that this matter be referred to Sir ERIC RIDEAL (Secretary General to act).

Minute 241 Relations with ISO

Resolved: That the relations with ISO be strengthened and a delegation be sent to its next meeting in Paris.

NOTE FROM THE EXECUTIVE COMMITTEE

re: Co-operation with other International Organizations

The item "Co-operation ISO/IUPAC" on the Bureau agenda raises an important general matter for consideration. In recent years a number of international organizations—notably the United Nations specialized agencies FAO, WHO, UNESCO and ISO—have sought the advice or help of IUPAC on matters of importance to them involving chemistry. This kind of thing is increasing and the Union must consider what, if anything, it proposes to do. In general three types of help are sought which can be roughly exemplified by the following cases:

(1) UNESCO has asked for our help and advice on chemical education for underdeveloped countries. We have made some preliminary efforts to meet this by calling together an *ad hoc* committee.

(2) FAO has asked for advice in connection with problems of standardization—purity determinations on food additives, etc.

(3) ISO wishes to have the advice and the approval of IUPAC in connection with (a) analytical methods and standards and (b) tables of constants, etc.

Even if we have, on paper, the machinery to do these things the plain fact is that at present time we are not able to give the help requested. But, we should realize that such international organizations must get the information they want and that, if we do not help, standards and methods will be adopted and brought into general use in chemistry over which we will have no control at all. The result will be that IUPAC will lose all authority and control over international chemical standards.

Now it could be argued that IUPAC could simply refrain from having anything to do with these matters and become merely an organization arranging symposia and looking after atomic weights and nomenclature. But if it is considered that IUPAC should do more than this then some action is called for.

It must be recognized that IUPAC could not itself undertake the whole problem of international standards, etc., unless it were expanded to an enormous and expensive organization with a very large central organization. But it could perhaps meet all reasonable requirements by increasing its central secretariat somewhat and making effective use of the specialized knowledge available through its divisions, sections and commissions. For example it might arrange to act as an information and advice centre for these other organizations by having them address their enquiries to the secretariat which would then transmit them to the appropriate Section President; the latter should then either by himself or by reference to one of his Commissions be able to provide the answer to the problem or alternatively to provide the names of people or organizations who could do so or could be approached to undertake any necessary investigations. This is putting matters only in the most general terms, but provided the work was done promptly and efficiently it might be well within our means financially and would considerably enhance the status of IUPAC and its importance on the international scene.

If it were the opinion of the Bureau that we ought to try to fill the general role indicated one immediate suggestion would be to have the officers of the Divisions of Physical Chemistry, Analytical Chemistry and Applied Chemistry meet as soon as possible to consider the problems and suggest the best mechanism for dealing with them.

The Executive Committee has discussed these matters at some length and feels that a decision on them is urgent; delay will mean that they will pass out of our hands entirely and that unless we do something now it will be too late.