

International Union of Pure and Applied Chemistry

75th MEETING OF BUREAU

Brisbane, Australia, 5-6 July 2001

MINUTES

1.	Introductory Remarks and Finalization of Agenda.....	1
2.	Minutes of 74 th Meetings of Bureau	1
2.1	Matters Arising from Minutes (not covered by Items on Agenda).....	1
3.	Minutes of 128 th Meeting of Executive Committee.....	1
3.1	Receipt of Minutes by Bureau	1
3.2	Highlights and Questions about Items not on Bureau Agenda	1
4.	Action Items from Previous Meetings	1
5.	Approval of Basic Elements for Council Meeting.....	2
5.1	Assignment of Votes to Delegations in Council at Brisbane	2
5.2	Appointment of Tellers	2
5.3	Setting Time of Elections	2
5.4	Guidelines for Debate	2
5.5	Official Language of IUPAC [Council Item 17]	2
5.6	Approval of Elected Officers of Divisions [Council Item 20].....	2
5.7	New Division Rules [Council Item 13]	2
6.	Nominations and Elections [Council Item 4].....	2
6.1	Nominations for Officers and Bureau Submitted by NAOs	2
6.2	Number of Elected Members of Bureau for 2002-3	2
6.3	Nominations by Bureau, if Any	2
6.4	Recommendations, if Any, for Filling Vacancies.....	3
7.	Receipt of Written Reports from Divisions and Standing Committees	3
8.	Changes to Statutes and Bylaws [Council Item 12].....	3
8.1	Revision of Bylaw 4.1064 – Responsibilities of Division Committees – Slovak National Committee for Chemistry	3
8.2	Revision of Bylaw 4.103 - Division Electorate – Bureau.....	3
9.	Organizational Changes in Existing IUPAC Bodies, Proposals for New and Reconstituted Bodies/Terms of Reference [Council Item 14].....	4
9.1	Proposal to Create a New Division of Systematic Nomenclature and Structure Representation.....	4
9.2	Proposals to Create New Commissions	4
9.2.1	Commission I.1: Quantities, Units & Symbols.....	4
9.2.2	Commission II.1: Isotopic Abundances & Atomic Weights	5
9.2.3	Proposal for a new Commission on Macromolecular Terminology	5
9.3	Continuation of JCBN (Joint Commission on Biochemical Nomenclature)	5
9.4	Termination of Sections in Division VII	5
10.	Financial Matters to be Addressed in Council	5
10.1	Recommendation on Appointment of Auditors for 2001-2 [Council Item 9] ...	5
10.2	Statement of Accounts for 1999 and 2000 [Council Item 9]	5
10.3	Recommended Budgets for 2002-3 [Council Item 15]	6
10.4	Recommended National Subscriptions for 2002-3 [Council Item 15]	6
10.5	Method of Calculation of National Subscriptions-Czech National Committee for Chemistry [Council Item 16.1]	6
10.6	Method of Calculation of National Subscriptions-French National Committee for Chemistry [Council Item 16.2]	8

**Bureau Minutes
Brisbane, 2001**

10.7	NAOs and ANAOs in Default	8
10.7.1	National Adhering Organization Status of Pakistan and Saudi Arabia [Council Item 18].....	8
10.7.2	ANAOs in Default	8
11.	President's State of the Union Report [Council Item 6]	8
12.	Vice-President's Critical Assessment [Council Item 7].....	8
13.	Future General Assemblies and Congresses	9
13.1	42 nd General Assembly and 39 th Congress (Ottawa, 2003) [Council Item 19]...	9
13.2	Approval of Dates and Sites of 43 rd General Assembly and 38 th Congress (2005) [Council Item 20]	9
14.	Report from Working Party on Education Proposals [Council Item 11.4]	10
15.	World Chemistry Leadership Meeting.....	12
16.	Progress Report from <i>ad hoc</i> Committee on the Relationship of IUPAC and the Global Chemical Industry.....	12
17.	Projects.....	13
17.1	Current Projects.....	13
17.2	Guidelines for IUPAC Projects.....	13
17.3	Resolution from UK National Committee	13
17.4	ICSU Grants	13
18.	Proposed Restructuring of IDCNS.....	13
19.	Items from Meeting of Division Presidents	14
20.	Other Financial Matters	14
20.1	Allocations to IUPAC Bodies, 2002-3 [Council Item 15].....	14
20.2	Investment Policy Statement [Council Item 9].....	14
20.3	Special Funds [Council Item 9]	14
20.4	Authority for Approving Expenditures, Investments, and Other Financial Operations of IUPAC	14
20.5	Finance Committee Membership	14
21.	Fellows and Affiliate Membership Programs	15
22.	Status Report on IUPAC Secretariat	15
23.	IUPAC Web Site and Other Publicity About the Union.....	15
24.	Publications	16
24.1	Status Report on <i>Pure and Applied Chemistry</i>	16
24.2	Status Report on <i>Chemistry International</i>	16
24.3	Report of the <i>Chemistry International</i> Strategy Development Committee	17
24.4	Book Publication and Book Sales	18
24.5	Approval of <i>PAC</i> and <i>CI</i> Subscription Rates for 2001	18
24.6	Plans for Special Issues in <i>Pure and Applied Chemistry</i>	18
24.7	Supplement to "History of IUPAC".....	18
25.	Strategic Plan	18
25.1	Biennial Report, 2000-1	18
25.2	Working Party on Revision of the Strategic Plan for 2002-3 [Council Item 23]	18
26.	Chemical Weapons Treaty Revision.....	19
27.	IUPAC Prize for Young Scientists	19
28.	International Chemistry Council	20

Bureau Minutes
Brisbane, 2001

29.	Conferences and Symposia	20
29.1	New Directions in Chemical Sciences Committee	20
29.2	Sponsorship of Conferences in Developing Countries	20
29.3	Conference Policy Development Committee.....	20
29.4	Ratification of Sponsorship of Symposia	21
30.	Ratification of Appointments to IUPAC Bodies	21
31.	Dates and Places of Next Bureau Meetings	21
32.	Any Other Business	21

International Union of Pure and Applied Chemistry

75th MEETING OF BUREAU

Brisbane, Australia, 5-6 July 2001

MINUTES

Attendees: Dr. A. Hayes, Chairman, Dr. E. D. Becker, Prof. J. Bradley,
Dr. C. F. Buxtorf, Prof. J. Corish, Prof. R. G. Gilbert, Prof. F. Ingman,
Prof. J. Jortner, Dr. A. Kallner, Prof. W. Klein, Prof. N. J. Moreau,
Prof. O. M. Nefedov, Prof. T. Norin, Dr. P. M. Norling, Prof. H. Ohtaki,
Dr. E. P. Przybylowicz, Prof. G. M. Schneider, Prof. G. Somsen,
Prof. P. S. Steyn, Prof. L. Sydnes, Prof. G. S. Wilson, Dr. A. N. Wright,
Prof. C. H. Zhang

Absent: Prof. E. J. Grzywa, Prof. J. W. Lorimer,

Guests: Dr. W. Warr (in part)

Secretary: Dr. J. W. Jost, Executive Director

1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Dr. Hayes welcomed the Bureau members to Australia and expressed his thanks to our hosts for the excellent arrangements. He then noted that Prof. Grzywa would not be at the meeting due to the death of his wife just before his scheduled departure for Brisbane. A message of sympathy had been sent to Prof. Grzywa on behalf of the Bureau. Dr. Hayes also noted that Prof. Lorimer would not attend due to a recent auto accident. Dr. Hayes informed the Bureau that Dr. Warr would be making her report on the CPEP meeting on Friday morning at 9 AM.

2. MINUTES OF 74TH MEETINGS OF BUREAU

2.1 MATTERS ARISING FROM MINUTES (NOT COVERED BY ITEMS ON AGENDA)

Dr. Hayes commented that the Bureau minutes had been approved by correspondence. There were no matters arising.

3. MINUTES OF 128TH MEETING OF EXECUTIVE COMMITTEE

3.1 RECEIPT OF MINUTES BY BUREAU

Dr. Hayes noted that the Bureau had received the minutes of the Executive Committee in May.

3.2 HIGHLIGHTS AND QUESTIONS ABOUT ITEMS NOT ON BUREAU AGENDA

There were no matters arising.

4. ACTION ITEMS FROM PREVIOUS MEETINGS

Dr. Jost requested that any changes or corrections to the Action Items be sent to him soon after the General Assembly. All Action Items marked as done will be removed from the list when it is updated. Prof. Gilbert discussed the possible use of a template for drafting Division Rules, as called for in one of the Action Items.

**Bureau Minutes
Brisbane, 2001**

5. APPROVAL OF BASIC ELEMENTS FOR COUNCIL MEETING

5.1 ASSIGNMENT OF VOTES TO DELEGATIONS IN COUNCIL AT BRISBANE

Dr. Hayes drew the members' attention to the information provided in the Agenda Book.

5.2 APPOINTMENT OF TELLERS

It was agreed that Mr. Nhlapo (South Africa), Dr. Langer (UK), and Dr. Malin (US) would be nominated as Tellers.

5.3 SETTING TIME OF ELECTIONS

Dr. Becker proposed that Council elections be set at 10 AM, Sunday 8 July. This was approved.

5.4 GUIDELINES FOR DEBATE

Dr. Becker noted the difficulties experienced at Berlin keeping the discussion both clear and procedurally correct. The Guidelines presented were a distillation of the relevant parts of Robert's Rules of Order. The Bureau approved the adoption of the proposed Guidelines.

5.5 OFFICIAL LANGUAGE OF IUPAC [COUNCIL ITEM 17]

The Bureau approved a recommendation to Council that English continue as the official language of IUPAC for the next four years.

5.6 APPROVAL OF ELECTED OFFICERS OF DIVISIONS [COUNCIL ITEM 20]

The officers elected for Divisions I, II, III, IV, and V were approved. The elections for Divisions VI and VII will take place after the General Assembly. The officers proposed for Division VIII were approved, contingent on the approval of the creation of the new Division by Council.

5.7 NEW DIVISION RULES [COUNCIL ITEM 13]

Dr. Becker noted that the current Division Rules had been suspended at Berlin. A set of model Division Rules has been distributed to the Divisions. No new rules had been proposed by any of the Divisions as yet. It was expected that this would be done before the next Council meeting.

6. NOMINATIONS AND ELECTIONS [COUNCIL ITEM 4]

6.1 NOMINATIONS FOR OFFICERS AND BUREAU SUBMITTED BY NAOs

Dr. Hayes reviewed the nominations received from the NAOs.

6.2 NUMBER OF ELECTED MEMBERS OF BUREAU FOR 2002-3

The Bureau approved a motion that the number of elected members of the Bureau remain at ten.

6.3 NOMINATIONS BY BUREAU, IF ANY

The Bureau did not make any nominations for elected members of the Bureau.

Bureau Minutes Brisbane, 2001

6.4 RECOMMENDATIONS, IF ANY, FOR FILLING VACANCIES

The Bureau did not make any recommendations to the Council for election of candidates to the Bureau.

7. RECEIPT OF WRITTEN REPORTS FROM DIVISIONS AND STANDING COMMITTEES

The Bureau received with thanks the reports of the Division Presidents and Standing Committee Chairmen.

Dr. Norling commented that the CHEMRAWN Committee was rethinking both its membership and way in which it organized conferences. Three models are being discussed.

- Traditional CHEMRAWN conferences
- An insertion model
- Future action plans committees for IUPAC sponsored conferences

The insertion model is one in which a CHEMRAWN conference is inserted as a part of an existing IUPAC sponsored conference. The formation of future action plans committees for IUPAC sponsored conferences would use existing IUPAC conferences, as appropriate, to generate action plans for topics of societal interest. Dr. Norling noted the need to have a mechanism to monitor the future action plans developed either at CHEMRAWN conferences or IUPAC sponsored conferences.

8. CHANGES TO STATUTES AND BYLAWS [COUNCIL ITEM 12]

8.1 REVISION OF BYLAW 4.1064 – RESPONSIBILITIES OF DIVISION COMMITTEES – SLOVAK NATIONAL COMMITTEE FOR CHEMISTRY

Dr. Becker reviewed the background of the proposal. He noted that the *ad hoc* Committee proposed in Agenda Item 29.3 would review the general subject of conference sponsorship approval.

The Bureau recommended that the proposal not be approved by Council.

8.2 REVISION OF BYLAW 4.103 - DIVISION ELECTORATE – BUREAU

Dr. Becker reviewed the background as described in the paper included in the Bureau Agenda Book. He noted that the current bylaw would leave the electorate at a very small number. This issue had been extensively discussed at the Division Presidents meeting and by the Bureau at Cobham. These discussions had led to the proposal to include the outside members of the Nominating Committee, National Representatives, and Task Group Chairmen for both currently active projects and those projects scheduled for completion in the two years prior to the election.

The current proposal is divided into two parts; the first part defines the electorate that can be defined within the current bylaws and the second leaves the definition of the remainder of the electorate to the Bureau. This was done because a complete definition of the desired electorate would require amendment of a number of Bylaws to define entities not currently defined, such as Nominating Committees, Task Groups, and projects. As described in

**Bureau Minutes
Brisbane, 2001**

the paper, discussion by several Division Presidents had included some further alternatives.

After further discussion, the Bureau approved the recommendation to Council that the proposed Bylaw amendment be approved.

Prof. Corish commented that the proposal would reduce the electorate for Division II from ~100 to ~30.

9. ORGANIZATIONAL CHANGES IN EXISTING IUPAC BODIES, PROPOSALS FOR NEW AND RECONSTITUTED BODIES/TERMS OF REFERENCE [COUNCIL ITEM 14]

9.1 PROPOSAL TO CREATE A NEW DIVISION OF SYSTEMATIC NOMENCLATURE AND STRUCTURE REPRESENTATION

Dr. Becker noted the wish expressed at the Berlin Council meeting that IUPAC's nomenclature activities be continued in the new organization. He then reviewed the decisions that had led to the holding of the Nomenclature Roundtable meeting and the recommendations that had come out of that meeting. One of these recommendations had led to the formation of the *ad hoc* Committee on Chemical Identity and Nomenclature Systems. This Committee had then recommended the formation of a new Division of Systematic Nomenclature and Structure Representation. He noted the comments on this proposal included in the report in the Agenda Book, including the dissenting opinions. The Executive Committee had reviewed this recommendation at its meeting in Stellenbosch and had recommended approval of the formation of the new Division.

Prof. Bradley commented that in the case of education similar factors led to a different result. Dr. Becker replied that there are significant differences, especially that in the case of systematic nomenclature the activity is being removed from the Divisions while in the case of education this remains an activity of all Divisions. In response to a question, Dr. Becker noted that Dr. McNaught would be Division President and that current members of the *ad hoc* Committee would be members of the new Division Committee.

The Bureau approved the recommendation to Council for the formation of the new Division.

Prof. Somsen asked about the relation of the Joint Committee on Biochemical Nomenclature and the new Division. Dr. Becker replied that the recommendation was that JCBN be continued on its current form for two more years while its future is discussed with the International Union of Biology and Molecular Biology.

9.2 PROPOSALS TO CREATE NEW COMMISSIONS

9.2.1 Commission I.1: Quantities, Units & Symbols

Dr. Becker reviewed the proposal as described in the report, noting that after discussion with the Division Committee the proposal as described had been agreed. After some discussion, the Bureau approved the recommendation to Council to create the new Commission.

**Bureau Minutes
Brisbane, 2001**

9.2.2 Commission II.1: Isotopic Abundances & Atomic Weights

Dr. Hayes noted that after extensive discussions the final proposal as described in the report had been agreed to by the Division and the *ad hoc* Committee. After some discussion, the recommendation to Council to create the new Commission was approved.

9.2.3 Proposal for a new Commission on Macromolecular Terminology

Prof. Gilbert described the proposal to create a new Commission to carry on the activities of the Division in the area of terminology. The new Systematic Nomenclature and Structure Representation Division would not cover this area. After some discussion, the Bureau requested the President to form an *ad hoc* Committee to evaluate the proposal, as required by the Bylaws.

9.3 CONTINUATION OF JCBN (JOINT COMMISSION ON BIOCHEMICAL NOMENCLATURE)

Dr. Becker reviewed the situation and the Bureau then approved the recommendation to Council to continue the Commission for two more years while discussions were held with IUBMB concerning the future organization of this activity.

9.4 TERMINATION OF SECTIONS IN DIVISION VII

Dr. Becker reviewed the history of the Sections in Division VII, noting that their formation had been viewed as an interim measure. The Division had agreed that the time had come to terminate the Sections. The Bureau approved the recommendation to Council to terminate the Sections in Division VII.

10. FINANCIAL MATTERS TO BE ADDRESSED IN COUNCIL

10.1 RECOMMENDATION ON APPOINTMENT OF AUDITORS FOR 2001-2
[COUNCIL ITEM 9]

The Bureau approved the recommendation of Batchelor, Tillery & Roberts, LLP, of Raleigh, North Carolina, USA as IUPAC Auditors for 2001 and 2002.

10.2 STATEMENT OF ACCOUNTS FOR 1999 AND 2000
[COUNCIL ITEM 9]

Dr. Buxtorf noted the proposals to change the method of calculating National Subscriptions. These would lead to significant reductions in the financial resources available to the Union. He then reviewed the audited statements for 1998-2000. The financial condition of the Union is good and funds are available to finance the activities of the Union.

Dr. Przybylowicz reviewed the performance of the Union's investment portfolio. He noted that the investment climate in 2000 had been unfavorable and the performance of the portfolio had not been as good as in previous years. However, by following a conservative investment strategy the portfolio had maintained its value in the face of a declining market.

**Bureau Minutes
Brisbane, 2001**

10.3 RECOMMENDED BUDGETS FOR 2002-3 [COUNCIL ITEM 15]

Dr. Buxtorf reviewed the proposed Budget. He described the method used to determine the Division allocations and the guideline given to the Divisions to aim for a split of 25%/75% between operations and projects. The proposed 1% increase in total National Subscriptions is a token increase to maintain the principle that National Subscriptions should be increased regularly. He wished to avoid the situation of the early 90s when National Subscriptions were not increased leading to the financial problem that had been resolved only by drastic cuts in IUPAC activities.

Prof. Gilbert commented that it was important to consider how to increase participation by more countries in IUPAC. Dr. Hayes noted that this would be a major item of discussion at the proposed special meeting of the Executive Committee later in the year.

Prof. Ohtaki commented that many Associate National Adhering Organizations in Asia hesitated to join because of the perceived high National Subscriptions.

Prof. Bradley suggested that at least some Standing Committees should have a budget of a size such that they could have a split of 25%/75% in operations and projects.

The Bureau approved the budget recommendation to Council.

10.4 RECOMMENDED NATIONAL SUBSCRIPTIONS FOR 2002-3 [COUNCIL ITEM 15]

The Bureau approved the National Subscriptions for 2002-3 recommendation to Council.

10.5 METHOD OF CALCULATION OF NATIONAL SUBSCRIPTIONS-CZECH NATIONAL COMMITTEE FOR CHEMISTRY [COUNCIL ITEM 16.1]

Dr. Hayes reviewed the proposal by the Czech NAO to alter the formula for calculating National Subscriptions. He described a proposed Bureau position paper that acknowledges the difficulties NAOs have in paying their Subscriptions but suggests another course of action. The Bureau paper will be distributed to Council and during debate will be framed as an amendment to the Czech proposal that will alter its effect. (The text of the Bureau resolution and amendment is given below.)

Prof. Somsen commented that the Czech proposal is dangerous for the Union. He feels that the proposed amendment is well formulated. He suggested that the first phrase should read "...that many NAOs...".

Prof. Corish noted that difficulties in paying National Subscriptions are wide spread. He asked if there is a middle ground on this issue. He then suggested that in presenting the Bureau resolution the need for stability in funding for the next two years should be stressed.

Prof. Moreau discussed the situation in France. There is essentially no corporate contribution to help in the payment of the National Subscription. The National Academy of Science has fixed the contribution to all scientific Unions in France. She asked how other NAOs persuaded industry to contribute.

Bureau Minutes Brisbane, 2001

Prof. Gilbert suggested that the phrase “countries at various stages of development” be added to the resolution.

Prof. Wilson noted that this proposal would lead to the need to consider a smaller Union.

Dr. Przybylowicz commented that the timing is such that the revised Strategic Plan may be completed before the issue of dues is settled. This could lead to a Strategic Plan that does not take into account the reduced resources resulting from a significant alteration in the National Subscription calculation. Dr. Hayes noted that the whole process would take time to work out.

Prof. Schneider observed that while the calculation of National Subscription can be said to favor the richer countries, the allocation of votes favors the poorer countries.

Dr. Hayes then reviewed the suggested modifications to the Bureau position paper. He requested that the Secretary General revise the position paper to take into account the suggestions made by the Bureau members. The Bureau then approved the position paper and the substitute amendment. The final text of the position paper follows:

The Bureau is aware of the difficulties that many NAOs are encountering in meeting the National Subscriptions in light of:

Variations in exchange rates
Reductions in funds available from governments and other supporting organizations
The cost of sending delegates to Council meetings

In addition, there are other concerns about the perceived fairness of the size of dues paid by small versus large countries and the method by which the National Subscriptions are calculated.

The Bureau proposes that a small *ad hoc* working group be set up (including representatives from countries of varying economic circumstances) to consider these issues and make recommendations to the 2002 Bureau meeting and for final action at the Council Meeting in 2003 (Ottawa).

This group will be working in parallel with the Strategic Plan Update Committee that will help define the nature and extent of the future activities of the Union and thus its financial needs.

In the meantime, the Bureau recommends to Council that in order to secure the operations for the coming biennium, the present basis of calculation of National Subscriptions remain in place.

**Bureau Minutes
Brisbane, 2001**

The proposed amendment is:

Council recognizes the severe financial problems encountered by many NAOs in meeting National Subscriptions, as described in the Bureau Position Paper, but does not believe that drastic changes should be made at present in current procedures. Therefore,

1. Council directs that the present basis of calculation of National Subscriptions continue in lieu of the change proposed by the Czech Republic.
2. Council directs the President to appoint an *ad hoc* working group, as described in the Bureau Position Paper, to consider the relevant issues and make recommendations to the Bureau for its meeting in 2002 and for final action by Council in 2003 (Ottawa).

10.6 METHOD OF CALCULATION OF NATIONAL SUBSCRIPTIONS-FRENCH NATIONAL COMMITTEE FOR CHEMISTRY [COUNCIL ITEM 16.2]

Prof. Moreau informed the Bureau that the French delegation would not request discussion of this proposal at Council.

10.7 NAOs AND ANAOs IN DEFAULT

10.7.1 National Adhering Organization Status of Pakistan and Saudi Arabia [Council Item 18]

The Bureau approved the recommendation to Council that the National Adhering Organization status of the Pakistan Chemical Society be terminated at the end of 2001 if the arrears in the National Subscription are not paid in full. The Bureau noted with regrets the decision of the Saudi Adhering Organization to resign from the Union.

10.7.2 ANAOs in Default

Dr. Jost informed the Bureau that a representative of the Bangladesh Chemical Society had paid the past due fees at the General Assembly and the BCS was now eligible to continue as an Associate National Adhering Organization. The Bureau approved the recommendation of the Executive Committee to terminate the ANAO status of Kenya.

11. PRESIDENT'S STATE OF THE UNION REPORT [COUNCIL ITEM 6]

The President referred the Bureau to his written report and noted that he would be discussing his report at Council and therefore did not feel it necessary to review it here. He asked if there were any questions. There were none. The Bureau thanked the President for a thorough and informative report.

12. VICE-PRESIDENT'S CRITICAL ASSESSMENT [COUNCIL ITEM 7]

The Vice-President also referred the Bureau to his written report and commented that he also did not feel it necessary to give a detailed review here since he would be reviewing the report for the Council. There were no questions and the Bureau thanked

Bureau Minutes Brisbane, 2001

the Vice-President for his very complete review of IUPAC's activities and his comments on future directions for the Union.

13. FUTURE GENERAL ASSEMBLIES AND CONGRESSES

13.1 42ND GENERAL ASSEMBLY AND 39TH CONGRESS (OTTAWA, 2003) [COUNCIL ITEM 19]

Dr. Jost referred the Bureau to his report. He noted that the International Advisory Board had now been appointed. He plans to visit Ottawa early in 2002 to discuss details of the arrangements for the General Assembly and Congress.

A discussion followed on the desirability of the concurrent schedule for the Congress and General Assembly. It was noted that despite the efforts to schedule Committee and Commission meetings to allow participants to attend the Congress only ~40 General Assembly participants had registered for the Congress. Some members felt that the concurrent arrangement placed a burden on some members, especially the Officers, and made it difficult to attend the Congress. The question of concurrent operation of the General Assembly and Congress should be evaluated after the Ottawa meeting.

13.2 APPROVAL OF DATES AND SITES OF 43RD GENERAL ASSEMBLY AND 38TH CONGRESS (2005) [COUNCIL ITEM 20]

Dr. Hayes referred the Bureau to the trip reports from Dr. Jost on his visits to Beijing and Oviedo. The proposed facilities at both sites were judged equally satisfactory.

Prof. Bai of the Chinese Chemical Society, Beijing and Dr. Garcia Dominguez of the Oficina de Ciencia y Tecnología presented overviews of their proposals to host the General Assembly and Congress in 2005.

Prof. Bai began by noting the increasing role played by Chinese scientists in science in general and in chemistry in particular. He reviewed statistics for journal articles that demonstrated the significant contributions being made to the chemical literature by Chinese chemists. China has also hosted a number of major scientific meetings in the last decade, including a number of IUPAC sponsored Conferences. He then reviewed the proposed location for the Congress and General Assembly, the Beijing International Convention Center and the adjacent Beijing Continental Grand Hotel. The Convention Center will be the location for both the Congress and General Assembly. The Continental Grand Hotel has over 1200 rooms and 24 restaurants featuring both Chinese and other cuisines. Prof. Bai pointed that there was a wide range of other accommodation in the area, including inexpensive dormitory style housing.

The exact date of the Congress and General Assembly will be chosen in consultation with the IUPAC Officers, but a date in late August is suggested due to the very high summer temperatures in Beijing. The arrangement, whether concurrent or sequential, of the Congress and General Assembly will be decided by IUPAC after an evaluation of the success of the format used at Brisbane and Ottawa. The Beijing International Convention Center has a main

Bureau Minutes Brisbane, 2001

lecture hall that will seat 2500 and a smaller hall that seats 596 that would be suitable for the Council meeting. Prof. Bai also emphasized the large number of Universities in Beijing that would contribute to the expected large attendance for the Congress. He also noted the many historically and culturally significant sites not only in Beijing but also in other cities such as Shanghai and Shenzhen that make China an attractive venue for outside participants.

Dr. Dominguez Garcia began by noting that the 28th General Assembly (1975) and the 9th Congress (1934) had been held in Madrid. It seemed to be time for IUPAC to visit Spain again. He then described the proposed venue in Oviedo. The city is inland from the Bay of Biscay on the northwest corner of Spain. The city's situation in the hills and near the ocean gives it a very temperate summer climate. The Congress would be held at the Congress Palace, a comparatively new facility that has a large lecture hall for 1500 and smaller halls for meetings of from 500 to 250. The General Assembly would be held at the Faculty of Chemistry of the University of Oviedo. The Faculty has classrooms that could be configured for IUPAC committee meetings and lecture halls that could be used for the Council meeting. The preferred time for the Congress and General Assembly would be in mid to late August. The arrangement of the Congress and General Assembly would be decided by the IUPAC Officers, as was mentioned in the discussion of Prof. Bai's presentation.

Dr. Dominguez Garcia noted the many locations of great historical interest in Oviedo and its surroundings, some dating from the time of the Visigothic kingdom of Asturias. Oviedo is a city that is very pedestrian friendly. There are a large number of hotels and restaurants in the central city within easy walking distance of the Congress Palace. The Congress Palace itself is located at the edge of the restored old town center, which is a pedestrian zone with many sidewalk cafes. The Faculty of Chemistry is a short bus ride away from the city center. There are a number of hotels, restaurants, and shops conveniently located in the area. The nearby areas in Asturias and Galicia offer many opportunities for tourism, including not only historic locations, but also both beaches and mountains.

After some discussion, the Bureau agreed to recommend that the Council accept the offer from the Chinese Chemical Society/Beijing to host the 2005 General Assembly and Congress. The Spanish NAO was commended on its excellent proposal and was urged to submit an offer to host the 2007 General Assembly and Congress.

14. REPORT FROM WORKING PARTY ON EDUCATION PROPOSALS [COUNCIL ITEM 11.4]

Prof. Jortner introduced the report of the Working Party by noting the importance of chemical education and public awareness both to IUPAC and the worldwide chemistry community. There has been extensive and intensive soul searching of the role of IUPAC in these areas over the past two years. He then reviewed the charge to the Education Strategy Development Committee. He noted the broad representation on the Committee. The report of the ESDC had been received by the Bureau, which

Bureau Minutes Brisbane, 2001

had appointed the WPEP to propose an implementation plan based on the recommendations in the ESDC report. The Working Party had consulted extensively with National Adhering Organizations and national chemical societies.

The Bureau expressed again its deep appreciation of the work of Prof. Atkins and the ESDC.

Prof. Jortner continued by noting that the WPEP had accepted the essence of the recommendations made by the ESDC but had differed on the administrative proposals. The recommendations of the WPEP had been accepted by the Executive Committee at its meeting in Stellenbosch. He then asked Prof. Sydnes to present the recommendations of the Working Party.

Prof. Sydnes noted that while IUPAC had an important role to play in education it should avoid duplication of programs of national organizations. IUPAC should play a coordinating role and act as a source of "known" information to national organizations. He emphasized that good projects in education will be funded. The current Committee on Teaching Chemistry will be restructured into a Committee on Chemistry Education with broader Terms of Reference, as follows:

- (1) To advise the President and the Executive Committee on matters relating to chemistry education, including the public appreciation of chemistry.
- (2) To maintain a portfolio of educational projects and to coordinate the educational activities of IUPAC.
- (3) To monitor chemistry education activities throughout the world and to disseminate information relating to chemical education, including the public appreciation of chemistry.
- (4) To develop liaisons with international organizations such as UNESCO, national and regional chemical societies, chemical education committees, and organizations concerned with the public appreciation of science.

The Working Party had agreed with the ESDC that Curriculum Development was mainly a national and regional activity, but that IUPAC could provide support by providing a clearinghouse function.

Prof. Sydnes noted that both the ESDC and the WPEP had emphasized that IUPAC should not produce teaching materials, but rather should provide information to those who will do the production. That is, IUPAC should develop the chemical and pedagogical basis for educational material, but not get involved in production and distribution.

A new role for the CCE, as compared with CTC, is in the public appreciation of chemistry. IUPAC is seen as a communicator of information around the world to national groups, the media, and individuals.

The CCE will have eight Titular Members, including a Chairman and Secretary, one Associate Member from each Division, and a National Representative from each NAO not already represented on the Committee. There will be a Subcommittee on Public Appreciation of Chemistry and a Subcommittee on Chemistry Education in Developing Countries. Prof. Sydnes noted that both the Secretary General and the

Bureau Minutes Brisbane, 2001

Executive Director had promised that resources would be made available at the Secretariat as required to support an increased level of work by the Committee members.

The Bureau then had a wide-ranging discussion of the recommendations of the Working Party. It was noted that the education of chemists in how to address the fears of the public was an important part of improving the public appreciation of chemistry. The necessity of making contact with industry and the various committees in national, regional, and international organizations was emphasized. The proposed role of IUPAC as a coordinator of national efforts was endorsed. The existence of a European group working on development of a core curriculum and on public appreciation was pointed out. The proposal to have a large number of National Representatives on the new Committee was seen as a way of making the necessary contacts with national organizations. The extensive discussions of the Committee on the Teaching of Chemistry on the ESDC report were described. The issue of the size of the investment IUPAC was prepared to make was seen as being important. If the necessary investment is not made then the outcome of this review could be counterproductive. The comment was made that a number of IUPAC Committees had leveraged their resources with outside funding. In the new project driven system, resources will flow to those who propose good ideas. The concept presented of providing information to the public and the news media was seen as an important aspect of the work of the new Committee.

The issue of adequate staff support for the new Committee was raised and it was concluded that this was not the time or place to decide how the Committee should do its work. The existence of a multitude of charitable organizations that could be approached for financial support was noted.

The Bureau approved the proposals of the Working Party. The President and Secretary General were asked to develop terms of Reference for the new Committee based on those proposed by the ESDC. The President was authorized to appoint the members of the new Committee in consultation with the Executive Committee.

Dr. Hayes expressed the thanks of the Bureau for the work of Prof. Atkins, the members of the ESDC, Prof. Jortner and the members of the Working Party.

15. WORLD CHEMISTRY LEADERSHIP MEETING

Dr. Hayes reviewed the participation in the World Chemistry Leadership Meeting to be held on Monday 9 July. He expected it to be a fruitful and significant meeting. If the meeting is as successful as expected, the same model will be followed in future General Assemblies.

16. PROGRESS REPORT FROM *AD HOC* COMMITTEE ON THE RELATIONSHIP OF IUPAC AND THE GLOBAL CHEMICAL INDUSTRY

Dr. Hayes referred the Bureau to the written report in the Bureau Agenda Book.

**Bureau Minutes
Brisbane, 2001**

17. PROJECTS

17.1 CURRENT PROJECTS

Dr. Jost referred the Bureau to his written report. He noted that the new project approval system would lead to fewer, better-funded projects.

17.2 GUIDELINES FOR IUPAC PROJECTS

Dr. Becker described the three meetings that had been held with different groups to discuss various aspects of the new project approval system. The first was an open meeting to encourage current commission members to participate in the project system, the second had focused on an exchange of information among members of Division and Standing Committees on ways to encourage project proposals by reaching out to the worldwide chemistry community, and the third had reviewed the mechanics of the process for the Division Presidents, Standing Committee Chairmen, and others concerned with the review of projects. Dr. Becker briefly noted the criteria for selection of projects that had been developed over the biennium as experience has been gained with the system.

17.3 RESOLUTION FROM UK NATIONAL COMMITTEE

The Bureau recommended that Council approve the resolution from the UK National Committee.

Dr. Becker noted that a set of posters had been made to describe various IUPAC projects. These posters had been on display at the Congress and were now at the General Assembly site, in the lobby near the registration area. They would be moved to the Council meeting site so that the Delegates could review them. They will be available as Acrobat files on the IUPAC web site after the General Assembly. The Bureau congratulated Dr. Meyers and the project leaders for the excellent work.

17.4 ICSU GRANTS

The Bureau noted the changes in the ICSU grant program as described in the report.

18. PROPOSED RESTRUCTURING OF IDCNS

Dr. Becker reviewed the proposal to restructure IDCNS. The purpose of this proposal is to decrease the workload of the officers of IDCNS so that reports and recommendations can be reviewed more quickly.

Prof. Nefedov asked if IDCNS should not become a part of the new Division. Dr. Becker replied that the role of IDCNS was quite different from that of the new Division. The Division will be developing new recommendations for nomenclature, especially computer based systems. IDCNS is charged with ensuring that IUPAC reports and recommendations are consistent and conform to IUPAC recommendations. This oversight role requires that it be independent of the groups that develop recommendations.

Bureau Minutes Brisbane, 2001

The Bureau approved the proposal to restructure IDCNS and authorized the President and the Secretary General to implement the proposed restructuring.

19. ITEMS FROM MEETING OF DIVISION PRESIDENTS

Prof. Ingman reviewed the recent meeting of the Division Presidents. The Presidents shared their views on the structures of their Divisions and the steps they were taking to implement the project system. The Presidents agreed on the need to broaden the electorate as had been discussed earlier in the Agenda. They had also discussed the need for additional support from the Secretariat to help manage projects. Division I, II, and V had conducted e-mail elections for the Division Committees, Division IV had used both e-mail and onsite balloting while Division III had used only onsite balloting. Divisions VI and VII would be conducting e-mail ballots after the General Assembly. While participation had been disappointing in some of the e-mail ballots, the process had worked well.

20. OTHER FINANCIAL MATTERS

20.1 ALLOCATIONS TO IUPAC BODIES, 2002-3 [COUNCIL ITEM 15]

Dr. Buxtorf described the methodology used to determine the allocations to Division and Standing Committees. He expected that in future allocations would be based in part on the activities generated by each Division and Standing Committee.

The Bureau approved the proposed allocations.

20.2 INVESTMENT POLICY STATEMENT [COUNCIL ITEM 9]

Dr. Przybylowicz noted that written policies for Investment and Fund Allocations were new concepts. Having written policies would help in making the Union's financial activities easier to manage and to describe them to all its stakeholders, especially the NAOs. He then reviewed the proposed Investment Policy. The Bureau congratulated Dr. Przybylowicz and the Finance Committee on the development of this document and approved its adoption.

20.3 SPECIAL FUNDS [COUNCIL ITEM 9]

Dr. Przybylowicz reviewed the document and after some discussion, the Bureau approved it.

20.4 AUTHORITY FOR APPROVING EXPENDITURES, INVESTMENTS, AND OTHER FINANCIAL OPERATIONS OF IUPAC

Dr. Buxtorf noted that a written set of approval authorities was necessary to be sure that all officers of IUPAC bodies were clear as to their authority to approve expenditures. The Bureau thanked Dr. Buxtorf for developing this policy statement and approved its adoption.

20.5 FINANCE COMMITTEE MEMBERSHIP

Dr. Przybylowicz noted that a number of the members would be required to retire at the next biennium and asked that the Bureau keep in mind the need to find suitable candidates for membership on the Committee.

**Bureau Minutes
Brisbane, 2001**

21. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

Dr. Jost reviewed his written report. He noted that both programs were doing well. The number of Affiliates had increased slightly, while the number of Fellows had increased and was expected to increase significantly after this year. In future individuals will move regularly from member to Fellow status and back. He then asked if the Bureau felt the AMP fee should be increased. After some discussion, it was decided to leave the fees unchanged at USD 16 for Affiliates who joined through their national organization and at USD 35 for individual Affiliates. Dr. Becker commented that the NAOs and other groups sponsoring the AMP should be encouraged to campaign more actively for new members.

Dr. Becker noted the benefits of the Fellows program in keeping former members involved in IUPAC. It was hoped that Fellows would be a significant source of new project ideas. Fellows were also expected to provide a pool of reviewers for projects. The Division Presidents had suggested at their meeting that the discount on registration fees to IUPAC sponsored conferences offered to members of IUPAC bodies be extended to include Fellows. The Bureau approved this proposal.

22. STATUS REPORT ON IUPAC SECRETARIAT

Dr. Jost reviewed his written report. The Bureau expressed its thanks to the Secretariat Staff for its work in the past biennium.

23. IUPAC WEB SITE AND OTHER PUBLICITY ABOUT THE UNION

Dr. Jost noted that the IUPAC web site had dramatically increased in number of visitors since it was first moved to North Carolina. It has become not only a vital means of communication with the members of IUPAC bodies but also an important means of communicating the work of IUPAC to the worldwide chemistry community. He then described the new home page of the site. The new design was more intuitive and was the beginning of a redesign of other parts of the site to make it more intuitive to use and better suited to use by those not familiar with IUPAC's organization.

Dr. Jost then described the new brochures that had been developed, *IUPAC and Industry* and *IUPAC an Overview* as well as the poster version of the *IUPAC an Overview* brochure. These brochures were of great use in communicating the work of IUPAC to those who were unfamiliar with what we do. The periodic table cards produced to commemorate the Union's 80th Anniversary had also been quite successful.

A discussion of the possibility of producing periodic tables of different sizes and formats for either sale or free distribution was then discussed. It was concluded that IUPAC was not in a good position to market materials such as these but that the possibility of licensing others to produce and sell IUPAC periodic tables should be explored.

**Bureau Minutes
Brisbane, 2001**

24. PUBLICATIONS

24.1 STATUS REPORT ON *PURE AND APPLIED CHEMISTRY*

Dr. Jost reviewed his written report. The publication schedule for *PAC* has improved since we took over responsibility for *PAC* with the January 2000 issue. We are now constrained by a lack of material. The June 2001 issue will be printed when sufficient material has been submitted. There are two reasons for this, the first is the problem already noted with IDCNS review of reports, and the second is the usual clustering of sponsored conferences in the summer.

Dr. Warr commented that CPEP felt that the change to self-publishing for both *PAC* and *CI* had been successful, especially in terms of the improved quality of both publications and the improved timeliness. CPEP had discussed the question of the appropriate subscription price for *PAC* in 2002. They had agreed with the Finance Committee that the experiment of holding the subscription priced fixed had not had any effect on the rate of decline in the number of subscribers. Dr. Warr commented that IUPAC, like other publishers, was faced with managing a decline in print subscriptions as journals moved to online distribution. The consensus of the Committee was that a 5% increase was too large. It was felt that this might draw attention to *PAC* as being out of line with increases in other journals. A 3% increase was felt to be appropriate. The Committee had therefore recommended to the Bureau the following subscription rates for *PAC*:

Institutional Subscription	USD 1 200; one year
	USD 999; per year for three years
Electronic only	USD 892
Personal Subscription	USD 99; one year
Individual Copies	USD 50

The special three-year rate, the personal rate, and the single copy charge were unchanged.

After some discussion, the Bureau approved the proposed rates.

24.2 STATUS REPORT ON *CHEMISTRY INTERNATIONAL*

Dr. Jost noted that the issue of changes to *CI* in both content and appearance would be taken up in the next agenda item. *CI* continues to be published on schedule and the overall cost situation, including the AMP, was favorable.

Dr. Warr reported that CPEP had recommended that the subscription rates for *CI* remain fixed. The recommended subscription rates are:

Institutional Subscription	USD 99; one year
Personal Subscription	USD 45; one year
<u>Individual Copies</u>	<u>USD 15</u>

The Bureau approved the proposed rates.

Bureau Minutes Brisbane, 2001

24.3 REPORT OF THE *CHEMISTRY INTERNATIONAL* STRATEGY DEVELOPMENT COMMITTEE

Dr. Becker reviewed the report of the *CISDC*. He noted that comments regarding the need to make *CI* more interesting had been made for many years, the questions the Committee was asked to address were first what is the purpose of *CI* and second, given that purpose, could it be made into a more interesting magazine.

The Committee proposed a Mission Statement for *CI*, as follows:

The mission of *Chemistry International* is to provide IUPAC and chemists worldwide with a readable and attractive printed medium for the discussion of issues of concern to the international chemistry community and for the dissemination of information about the programs and activities of the Union.

The Committee recommended a number of ways by which *CI* could be developed into an interesting, easily readable, and attractive magazine that complements the IUPAC web site and a regular series of short e-mail alerts.

- The publication should employ a variety of common and effective magazine techniques such as differing type faces and sizes, varying column widths, utilizing stock clip art and photographs, using section and department names, regular use of color, and a relatively informal writing style.
- A prime purpose would be to dispel the formal, “official report” look and feel of the present magazine, while at the same time effectively communicating news of IUPAC and its programs and issues of international importance to chemistry.
- *CI* should be positioned as the readable, easily accessible adjunct to the IUPAC web site, which should continue to contain full text of all official reports, statements, etc. of the Union, and to *Pure and Applied Chemistry*, in which official reports and recommendations continue to be printed. *CI* should make regular reference in its articles to the relevant corresponding part of the web site.
- A single individual should be given editorial responsibility for the publication, and *CI* should be the principal responsibility of that person. A competent magazine/graphics design consultant should be engaged to develop the “new look” for the publication.

Dr. Becker pointed out that the Executive Director had provided a preliminary implementation plan, including cost estimates, for the recommendations made by the *CISDC*. After some discussion, the Bureau approved the preliminary implementation plan and associated costs, subject to review of a final plan and its associated costs by the Executive Committee.

Bureau Minutes Brisbane, 2001

24.4 BOOK PUBLICATION AND BOOK SALES

Dr. Jost reviewed his written report. He noted that the major development in this area had been the agreements reached with the Royal Society of Chemistry for publication of three of the color books: Red Book, Red Book II, and, the Green Book. Sales of books through the Secretariat while not large in terms of dollar volume were successful in keeping IUPAC books available. The recently implemented arrangement with Amazon.com had also led to improved availability of IUPAC books. It was suggested that the special issues of *PAC* should be added to the IUPAC bookshelf at Amazon.

24.5 APPROVAL OF *PAC* AND *CI* SUBSCRIPTION RATES FOR 2001

The new rates were approved as part of the discussion of Items 24.1 and 24.2 above.

24.6 PLANS FOR SPECIAL ISSUES IN *PURE AND APPLIED CHEMISTRY*

Dr. Jost reported that a special issue on Sustainable Chemistry (Green Chemistry) was published as the July 2000 issue of *PAC*. Prof. Bull wrote an article for the July 2000 issue of *CI* about the special issue on nanotechnology. This article also discusses the concept of special issues in general. Prof. Bull has sent out a letter soliciting review articles to be published in *PAC*. The first of these, Quantum chemistry in the 21st century, C. J. Barden and H. F. Schaefer III, was published in the August 2000 issue.

24.7 SUPPLEMENT TO "HISTORY OF IUPAC"

Dr. Jost reported that the *Supplement to the History of IUPAC* was in the final stages of editing before being sent to the printer. The draft text, including a name index to both the original volume and the supplement, had been reviewed by Dr. Brown as well as Dr. Williams. The slipcover intended to hold the two parts of the History had been designed. Publication was expected before the end of September. A CD-ROM version of the Supplement would also be made available. The Bureau discussed distribution of the combined volumes and agreed that in addition to the NAOs and Bureau, it would be sent to all new members of Division and Standing Committees.

25. STRATEGIC PLAN

25.1 BIENNIAL REPORT, 2000-1

Dr. Becker noted that the Division Presidents had presented their reports to Bureau and Council in a format that would aid in the preparation of the Biennial Report. This would be printed in the same format as the previous report for 1999-2000.

25.2 WORKING PARTY ON REVISION OF THE STRATEGIC PLAN FOR 2002-3 [COUNCIL ITEM 23]

Dr. Becker reviewed the background of the planned revision of the Strategic Plan. This would be a more complete revision than that of 2000. He noted that the Committee had met at Brisbane and formulated its plans.

Bureau Minutes Brisbane, 2001

Dr. Przybylowicz reviewed the membership of the Committee. In addition to Dr. Przybylowicz as Chairman, the members of the Committee are: Prof. David Black, Prof. Julio de Paula, Prof. Trevor Letcher, Prof. Stephen Ley (Dr. Alan Smith is covering some meetings), and Prof. Gus Somsen. The meeting at Brisbane had been brief and had involved those members present on other business. The Committee plans to do an extensive review using the Strengths, Weakness, Opportunities, and Threats (SWOT) technique. Forms will be distributed to all NAOs and delegates to the Council, as well as the Bureau, to gather input from a broad cross-section of IUPAC stakeholders. The Committee plans to meet later in the year to review the draft report. The Committee will do its preliminary work by e-mail.

Dr. Hayes commented that the Executive Committee felt it was important that a complete review be done in view of the pressures on funding and other developments in the Union.

26. CHEMICAL WEAPONS TREATY REVISION

Dr. Becker noted that the Union had a long-standing Committee on Chemical Weapons Destruction Technologies. The final report of the Committee was in the last stages of preparation for publication in *PAC*. Dr. Becker had been approached by the Organization for the Prohibition of Chemical Weapons (OPCW) regarding assistance in preparing for the review conference of the Chemical Weapons Convention (CWC) to be held in May 2003. IUPAC had been requested to provide assistance in organizing a conference on the scientific input to the conference. A planning meeting is to be held on 23-24 July 2001 in The Hague chaired by Dr. Hayes.

Dr. Hayes noted that he had met with Ambassador Bustani, Director-General of OPCW, to discuss how IUPAC could assist in providing the independent evaluation desired by the OPCW. Letters had been exchanged formalizing the arrangements. Prof. Ohtaki noted that the Science Council of Japan is preparing a report on this subject. He will have this translated into English and sent to Dr. Becker.

Prof. Nefedov reported that the Russian Academy has a group devoted to this subject.

Dr. Becker commented that he would be asking the Bureau and NAOs for suggestions of people who should participate in the planned meeting in 2002.

27. IUPAC PRIZE FOR YOUNG SCIENTISTS

Prof. Jortner noted that the Prize program had done well. The applicants were strong and the winners had all done excellent work. He felt that the Prize had been well received around the world. Improvements in the program that should be implemented include better publicity for the winners in the Congress program, an article in *CI* highlighting the work of the winners, and more publicity by the NAOs. Prof. Corish reported that the Irish NAO would be running a national competition to select candidates.

**Bureau Minutes
Brisbane, 2001**

28. INTERNATIONAL CHEMISTRY COUNCIL

Dr. Hayes briefly reviewed the history of the ICC. He noted that it was important to regularize the ICC so that it could become more effective as a way of coordinating the Union's interaction with UNESCO.

29. CONFERENCES AND SYMPOSIA

29.1 NEW DIRECTIONS IN CHEMICAL SCIENCES COMMITTEE

Prof. Jortner noted that the first workshop had been very successful and had resulted in a special issue of *PAC*. The planning for the second workshop, to be held in Bangalore in February 2002, was well under way. Prof. Steyn suggested that a suitable topic for the next workshop would be Post Genomic Chemistry or "proteonomics". This proposal was viewed favorably by the Bureau.

29.2 SPONSORSHIP OF CONFERENCES IN DEVELOPING COUNTRIES

Prof. Ohtaki reviewed his written report. He noted that the Committee had had difficulty in deciding what is a developing or economically disadvantaged country. He then reviewed various lists compiled by UNESCO and the OECD, the Official Development Assistance Program of Japan, and the Royal Society of Chemistry to determine eligibility for special assistance.

Prof. Sydnes suggested that IUPAC support would have more impact if we supported fewer conferences. Dr. Becker noted that the program as approved by Council set an upper limit of USD 10 000 on the amount of support for any one conference.

Dr. Becker commented that the issue of what kind of conference should be supported needed to be addressed. Support has been given so far to conferences that would occur anyway whereas the original concept had been to provide support for conferences that would otherwise not have been able to attract major scientists as plenary lecturers.

Dr. Hayes asked the Bureau if it supported the use of the UNESCO/OECD list as a guideline in determining eligibility. The Bureau approved the use of the UNESCO/OECD list as a guideline. Dr. Hayes then asked if this list should be published. The Bureau agreed that this list should not be published but should only be used as an internal guideline so that the Committee would have some flexibility.

29.3 CONFERENCE POLICY DEVELOPMENT COMMITTEE

Dr. Becker reviewed the background that had led the Executive Committee to appoint the *ad hoc* Conference Policy Development Committee. He noted that IUPAC has not had a uniform policy in this area. Each component has been approved separately. He also commented that the Committee would be looking at certain operational issues relating to the relationship between sponsored conferences and *PAC*.

Bureau Minutes Brisbane, 2001

29.4 RATIFICATION OF SPONSORSHIP OF SYMPOSIA

Dr. Jost asked that the Bureau approve the conferences approved for sponsorship since the last Executive Committee meeting. The Bureau voted to approve the sponsorships granted.

30. RATIFICATION OF APPOINTMENTS TO IUPAC BODIES

Dr. Jost asked that the appointments to IUPAC bodies made by the Executive Committee by correspondence since the last Executive Committee meeting be approved. The Bureau voted to approve the appointments made.

31. DATES AND PLACES OF NEXT BUREAU MEETINGS

Dr. Jost noted that the next Bureau meeting would be held in Brisbane, July 8 immediately after the Council meeting. It was agreed that the discussion of possible locations for the September 2002 meeting would be postponed to that meeting.

32. ANY OTHER BUSINESS

It was noted that the termination of the membership of the Pakistan Chemical Society would take effect if their arrears were not paid by the end of 2001.

Prof. Corish informed the Bureau that the report of the Joint Working Party on the claims to have discovered elements 110, 111, and 112 had been prepared and would soon be published in *PAC*. The JWP had concluded that the evidence for the discovery of element 110 was sufficient to assign priority, that for elements 111 and 112 was not sufficient. The JWP had begun the review of new evidence regarding these two elements as well as that for elements 114, 116, and 118.

Prof. Corish also noted that the Materials Initiative group had decided to organize a special session on Materials in IUPAC at a suitable venue. Prof. Somsen stressed the importance of including materials as part of IUPAC.

Concluding Remarks

Dr. Hayes expressed his thanks for the help he had received during his term as President from the Officers and the Bureau. He noted that Brisbane would be the last time Prof. Jortner would be present as a member of the Bureau. He thanked Prof. Jortner for his service to IUPAC and his leadership of the Union. He then thanked the departing elected members of the Bureau-- Prof. Grzywa, Prof. Lorimer, Prof. Sydnes and Prof. Zhang -- for their service to IUPAC. He noted that Dr. Przybylowicz and Prof Somsen were candidates for reelection. He then thanked the departing Division Presidents Prof. Corish, Prof. Gilbert, Prof. Ingman, Prof. Norin, and Prof. Wilson for their dedicated and capable leadership of their divisions during this period of transformation in IUPAC.

International Union of Pure and Applied Chemistry

76th MEETING OF BUREAU

Brisbane, Australia, 8 July 2001

MINUTES

Attendees: Dr. A. Hayes, Chairman, Dr. E. D. Becker, Prof. J. Bradley,
Dr. C. F. Buxtorf, Prof. J. Corish, Prof. R. G. Gilbert, Prof. J. Jortner, Dr. A.
Kallner, Prof. W. Klein, Prof. N. J. Moreau, Prof. O. M. Nefedov, Prof. T.
Norin, Dr. P. M. Norling, Prof. H. Ohtaki, Dr. E. P. Przybylowicz,
Prof. G. M. Schneider, Prof. G. Somsen, Prof. P. S. Steyn, Prof. L. Sydnes,
Prof. G. S. Wilson, Dr. A. N. Wright, Prof. C. H. Zhang

Absent: Prof. E. J. Grzywa, Prof. J. W. Lorimer,

Guests: Prof. C. Bai, Prof. S. Chandrasekaran, Dr. A. Smith

Secretary: Dr. J. W. Jost, Executive Director

Dr. Hayes asked for nominations for a member of the Executive Committee from among the elected members of the Bureau. Prof. Nefedov was nominated and seconded. There were no other nominations and Prof. Nefedov was unanimously elected to the Executive Committee.

Dr. Hayes reported that the Italian National Committee had offered to host the 2002 meeting of the Executive Committee. He asked the members of the Executive Committee if the dates 6-7 April were agreeable. The dates were acceptable and the Executive Director was asked to so inform the Italian National Committee.

Prof. Moreau noted that the possibility of holding the 2002 Bureau meeting in Paris or vicinity had been suggested and the French National Committee was pleased to extend an invitation to the IUPAC Bureau. Dr. Hayes thanked Prof. Moreau and the French National Committee for the generous invitation. He then asked if there were any constraints as to possible dates in September. Prof. Ohtaki asked that the meeting be held before the 20th if possible. The Executive Director was asked to make arrangements regarding date and location with Prof. Moreau for a date in early September. [The date and location agreed on after the meeting was 14-15 September 2002 in Paris]

Dr. Becker noted that a number of Divisions had requested exceptions to the limits set by the Bylaws on the number of Titular or Associate Members of the Division Committee. He asked that the Bureau approve the following exceptions:

Division I: 12 TMs (maximum is 10 according to the Bylaw 4.103)

Division III 13 TMs

Division IV 7 AMs (maximum is 6 according to the Bylaw 4.103).

The Bureau approved these exceptions for the biennium 2002-3.

Dr. Becker then reminded the Bureau that Divisions VI and VII would be holding their elections for Division Committee members after the General Assembly. He therefore asked that the Bureau authorize the Executive Committee to approve the membership of the Division Committees for Divisions VI and VII as well as any requests for exceptions to the limits set in Bylaw 4.103. Since many of the Divisions have not named all of their AMs, the Bureau was also asked to authorize the Executive Committee to approve these appointments. The Bureau approved the requested authorization for the Executive Committee to approve these appointments and Bylaw exceptions.

There being no further business, the meeting was adjourned.