

International Union of Pure and Applied Chemistry

78th MEETING OF BUREAU

Ottawa, Canada, 13-14 August 2003

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International Union of Pure and Applied Chemistry

78th MEETING OF BUREAU

Ottawa, Canada, 13-14 August 2003

MINUTES

Attendees: Prof. P. S. Steyn, Chairman, Prof. P. W. Atkins, Prof. C. Bai,
Dr. E. D. Becker, Dr. C. F. Buxtorf, Prof. S. Chandrasekaran,
Prof. R. G. Gilbert, Dr. A. Hayes, Dr. A. Kallner, Prof. W. Klein,
Dr. A. D. McNaught, Dr. D. S. Moore, Prof. N. J. Moreau,
Prof. O. M. Nefedov, Dr. P. M. Norling, Prof. H. Ohtaki,
Dr. E. P. Przybylowicz, Prof. J. Ralston, Dr. G. M. Rosenblatt,
Prof. G. M. Schneider, Dr. A. Smith, Prof. G. Somsen, Prof. R. F. T. Stepto,
Prof. L. K. Sydnes, Prof. T. T. Tidwell, Dr. A. N. Wright
Guests: Prof. J. Bunnett (in part), Prof. J. W. Lorimer (in part), Dr. R. Maybury (in
part), Dr. F. Meyers, Prof. P. Tyson (in part), Dr. W. Warr (in part)
Secretary: Dr. J. W. Jost, Executive Director

1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Prof. Steyn welcomed the Bureau to Ottawa and thanked the Canadian organizers for the splendid arrangements for the Bureau and Council meetings. He thanked the Executive Director and the Secretary General, as well as the staff at the Secretariat for putting the Agenda together.

He then noted that this would be the last Bureau meeting for Dr. Hayes and Dr. Becker and thanked them for their inspirational leadership. He noted that retiring Officers of Divisions and Standing Committees had received plaques on the previous Saturday but that Prof. Schneider had not been able to be present. He then presented a plaque to Prof. Schneider in honor of his service to the Union.

Prof. Steyn commented that the finances of the Union were in good shape thanks to the efforts of the Treasurer and the Finance Committee. He remarked that the Union is now seeing the fruits of the process of change that had been initiated almost six years ago. The project system has only been fully functional for the current biennium.

He then noted that the Committee on Teaching of Chemistry had been reorganized as the Committee on Chemistry Education. The Committee had made great strides in meeting its new objectives under its Chairman, Prof. Atkins, and the Chairmen of its two Subcommittees, the Public Understanding of Chemistry-Prof. Mahaffey, and Chemistry Education for Development - Prof. Bradley. The Committee on Chemistry and Industry has also been given new Terms of Reference and will begin operations with these new guidelines in the coming biennium under its new Chairman, Dr. Evans.

Prof. Steyn asked that the members keep in mind the question "Are we serving the world chemistry community?" during their work over the next two days.

Prof. Steyn then expressed his appreciation of the work all the Division Presidents, Standing Committee Chairman, and Task Group Chairmen and the members of their bodies. He noted that it is in these bodies that the work of the union takes place.

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2. MINUTES OF 77TH MEETING OF BUREAU

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

Prof. Steyn noted that the Minutes of the 77th Bureau had been approved by correspondence and were presented here for information only. There were no matters arising.

3. MINUTES OF 130TH MEETING OF EXECUTIVE COMMITTEE

3.1 RECEIPT OF MINUTES BY BUREAU

Prof. Steyn noted that the Minutes of the 130th Executive Committee meeting had been approved by correspondence and were presented here for information only.

3.2 HIGHLIGHTS AND QUESTIONS ABOUT ITEMS NOT ON BUREAU AGENDA

Prof. Somsen noted that Item 2.2 was an important subject and that the question of geographic diversity should be kept in mind when considering the membership of all IUPAC bodies.

4. ACTION ITEMS FROM PREVIOUS MEETINGS

Prof. Steyn noted that the Action Items were presented here for information only and asked that if there were any corrections or additions they should be sent to Dr. Jost. Prof. Ohtaki asked that Item 17 be marked as "In Progress".

5. APPROVAL OF BASIC ELEMENTS FOR COUNCIL MEETING

5.1 ASSIGNMENT OF VOTES TO DELEGATIONS IN COUNCIL AT OTTAWA

Dr. Becker reviewed the situation with respect to Argentina, Brazil, and Chile. These three National Adhering Organizations were in arrears on their National Subscriptions for 2002 and if payment was not received before the Council meeting, those delegations still in arrears would not be able to vote during the Council meeting. The Bureau decided that the delegates from these NAOs would be allowed to participate in the Council but would not be able to vote.

5.2 APPOINTMENT OF TELLERS

The Bureau decided to postpone selection of Tellers until the day of the Council meeting at which time it would be clear who would be available.

5.3 SETTING TIME OF ELECTIONS

The Bureau approved the time of elections as 10:00, Sunday, 17 August.

5.4 GUIDELINES FOR DEBATE

The Bureau approved the Guidelines for Debate as presented.

6. NOMINATIONS AND ELECTIONS [COUNCIL ITEM 4]

6.1 NOMINATIONS FOR OFFICERS AND BUREAU SUBMITTED BY NAOs

The Bureau noted the nominations that had been received.

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6.2 NUMBER OF ELECTED MEMBERS OF BUREAU FOR 2004-5

The Bureau approved a motion to set the number of Elected members at ten, as at present.

6.3 NOMINATIONS BY BUREAU, IF ANY

There were no nominations made by the Bureau.

6.4 RECOMMENDATIONS, IF ANY, FOR FILLING VACANCIES

There were no recommendations made by the Bureau for Vice President, Secretary General, Treasurer, or Elected Members of Bureau.

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

The Bureau noted the President's State of the Union Report as contained in the Agenda Book.

8. FINANCIAL MATTERS TO BE ADDRESSED IN COUNCIL

8.1 RECOMMENDATION ON APPOINTMENT OF AUDITORS FOR 2003-4
[COUNCIL ITEM 8.4]

The Bureau recommended that the appointment of Batchelor, Tillery & Roberts, LLP, of Raleigh, North Carolina, USA as IUPAC Auditors for 2003 and 2004 be approved by Council.

8.2 STATEMENT OF ACCOUNTS FOR 2001 AND 2002 [COUNCIL ITEM 8.3]

Dr. Buxtorf noted that the financial situation of the Union is still good; the budget is in line with plan. He then commented that it is important that in future more outside funding be solicited to enable the Union to expand its activities. He noted that many NAOs still have difficulty in funding their National Subscriptions.

8.3 RECOMMENDED BUDGETS FOR 2004-5 [COUNCIL ITEM 14.2]

Dr. Buxtorf pointed out that the recommended increase in the total National Subscriptions was 1 %, as had been the case in 2002-3. This minimal increase was justified by the low general level of inflation in the major economies and the need to maintain the principle that the National Subscriptions should increase in accord with inflation. He then noted that a reserve of USD 60 000 had been set up in the budget to compensate for possible shortfalls in National subscriptions due to the proposed change to billing in national currencies.

The Bureau recommended that the proposed Budget be approved by the Council.

8.4 RECOMMENDED NATIONAL SUBSCRIPTIONS FOR 2004-5 [COUNCIL ITEM 14.3]

The Bureau noted the table of calculated National Subscriptions based on the total National Subscriptions in the budget. It was noted that these national Subscriptions in USD would be replaced by those in national currencies if Item 15 on the Council Agenda were approved.

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8.5 ALLOCATIONS TO IUPAC BODIES, 2004-5 [COUNCIL ITEM 14.2]

Prof. Stepto asked what was the basis for the Division allocations. Dr. Buxtorf replied that they were based on the historic situation and that he was waiting for the current situation to stabilize before considering changes to the allocation method. Dr. Becker noted that the previous Treasurer had not changed the relative Division budgets during his time as Treasurer. The Division reserve is intended to allow any problems to be addressed. Prof. Gilbert suggested that in addition to project pressure the fraction of projects completed should be considered when making allocations.

Prof. Steyn suggested that the Treasurer and Executive Director review the method for determining allocations. Dr. Hayes commented that this should be the responsibility of the Executive Committee and the Bureau. Dr. Becker reminded the Bureau that all good projects are being funded and that there did not seem to be a problem of lack of funds by the Divisions. Dr. Hayes repeated his point that it was the responsibility of the Executive Committee and Bureau to decide on allocations.

**9. PROPOSAL TO INVOICE NATIONAL SUBSCRIPTIONS IN NATIONAL CURRENCIES
[COUNCIL ITEM 15]**

Dr. Jost described the proposed change in the method of invoicing and payment of National Subscriptions. National Subscriptions would continue to be calculated in USD using the current formula relating National Subscriptions to Chemical Turnover. These calculated National Subscriptions would be converted to national currencies using the exchange rates for the first quarter of the General Assembly year. Payment would be made in USD using the exchange rates prevalent at the time payment was made. He noted that this proposal is intended to address two situations: The first occurs as a result of normal fluctuations in exchange rates over the biennium, when an NAO budgets for the National Subscription in its national currency, but when payment is made the budgeted amount is no longer sufficient to pay the amount due in USD. The second occurs when the currency of an NAO falls suddenly with respect to the USD and the amount due in USD represents a much greater amount in national currency. Under this proposal, IUPAC would take the exchange rate risk rather than the NAO. In some years, this would lead to a lower total National Subscription paid to IUPAC than budgeted while in other years it would lead to higher total payments.

Prof. Atkins asked if payment could be made of the original amount due in USD. Dr. Buxtorf replied that this would not be in accord with the purpose of the proposal, that IUPAC would bear the risk, both in the years when payments would be lower as well in those years in which they would be higher. This would allow the Union to average out the gains and losses over a number of years. There was a further discussion of the principles of the proposal, especially the concept of risk allocation.

The Bureau recommended that this proposal be approved by Council.

During the discussion Dr. Hayes asked if the results of the Union's support of the play "Oxygen" were known. Dr. Jost replied that was not yet known but that the Union's financial responsibility was limited to the grant of USD 10 000 made to the

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producer.

10. APPROVAL OF A RECOMMENDED NAME OF ELEMENT 110 [COUNCIL ITEM 9.1]

Dr. Becker briefly reviewed the process that had led to the recommendation to Council of the name of element of atomic number 110.

Dr. Rosenblatt then reviewed in detail the procedure for assigning a name to a newly discovered element. He noted that the joint IUPAC-IUPAP (International Union of Pure and Applied Physics) Working Party (JWP) had confirmed the discovery of element number 110. In accord with IUPAC procedures the discoverers, at the Gesellschaft für Schwerionenforschung mbH (GSI) in Darmstadt, Germany, have proposed a name and symbol for the element. The Inorganic Chemistry Division Committee now recommends this proposal for acceptance. The proposed name is *darmstadtium* with symbol *Ds*. This is now a Provisional Recommendation, which has been available on the IUPAC web site for more than the five-month period specified in Bylaw 2.11. All comments received have been positive, and no controversy has arisen. Dr. Rosenblatt noted that a Press Conference had been scheduled for Saturday, 16 August at 1:00 pm to announce the naming of element 110.

The Bureau recommended that Council approve the recommended name for the element of atomic number 110.

Dr. Rosenblatt then noted that the Joint Working Party has issued a new report confirming the discovery of the element of atomic number 111 by researchers at the Gesellschaft für Schwerionenforschung mbH. The report also reviewed the evidence for the discovery of the elements of atomic number 112, 114, and 116; the discovery of these elements has not been confirmed. Prof. Nefedov reported that the element with atomic number 112 was synthesized both in Germany and Russia. The Joint Research Center (Dubna, Russia) has presented evidence to support its claims for priority in discovering the elements with atomic numbers 114 and 116 characterized by unusually high lifetime (islands of stability). Dr. Becker reported that Council would be asked to delegate to the Bureau the approval of a name for the element of atomic number 111. This was being done to avoid a possible delay of two years in the approval of the name.

11. RECEIPT OF WRITTEN REPORTS FROM DIVISIONS AND STANDING COMMITTEES

The Division Presidents and the Chairmen of CHEMRAWN, COCI, and CCE briefly noted the highlights of their written reports and deferred more extensive comments to the Council meeting.

Dr. Moore then gave a review of the procedures Division V had instituted to improve communication in the Division. He noted that the Division was making extensive use of e-mail mailing lists and had formed advisory groups for each TM (each TM is responsible for a specific area of Analytical Chemistry). A Division newsletter had been inaugurated, with Prof. Powell as editor, to communicate the work of the Division to all its members. The newsletter included semi-annual progress reports of projects. He then described the Division's proposal solicitation process. A major part of this process were workshops with stakeholder groups, the first of which had taken

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place at the General Assembly; future workshops would be held at major IUPAC sponsored conferences in Analytical Chemistry.

Prof. Lorimer reviewed the work of the Project Committee. He directed the Bureau's attention to his written report for details on the amounts approved for projects and conferences. He noted that a sample project submission form was now available on the web site. He then made the following special points:

- Care was needed in the selection of external reviewers.
- The composition of Task Groups was a concern: there was a need to increase the geographic diversity of Task Groups and to increase the number of young scientists on Task Groups.
- Conference proposals: The criteria for New Directions in Chemistry Conferences seem clear, however the question of what is a Developing and Economically Disadvantaged country is a difficult one. The Committee has decided to consider scientific criteria in addition to economic ones. These include: existence of modern techniques for experimental work, the ability of students to access international science.

Prof. Schneider directed the Bureau to his written report on the work of the Evaluation Committee, noting only that since the project system had not been in operation long enough for projects to be ready to be evaluated, the Committee had devoted most of its efforts to preparing for the evaluation process. A major accomplishment was the document "Advice to Task Group Chairmen" that, in addition to providing information about how to manage a project, gave Task Group Chairmen information on how to prepare for the evaluation of their projects when they were completed.

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

Prof. Sydnes reported that his VPCA was based on visits to a large number of NAOs and ANAOs, as well as chemical societies that were not NAOs or ANAOs. The major concern he found among the NAOs was that they felt it was difficult to get their scientists involved in IUPAC. He then reviewed the five proposals made at the end of his report. These are:

1. Improve the Visibility of the Member Countries on IUPAC's Homepage
2. Make IUPAC News Stories More Useful for National Chemical Magazines
3. Appoint National Contacts (NCs) to all Divisions
4. Appoint National Contacts (NCs) to Project Task Groups
5. Establish the IUPAC Poster Prize

He noted that the Secretariat had begun to address this area by the appointment of Ms. Abernathy to be responsible for communications with IUPAC's various constituencies, including the NAOs and chemical societies. One immediate result has been the creation of an electronic newsletter, called e-Press, providing information suitable for publication by national chemistry magazines. This addresses point 2 above.

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Point 1 requires both more attention by the Secretariat to the links for the NAOs and chemical societies on the IUPAC web site and more information from the NAOs as to what they would like to see in the way of links from IUPAC.

Points 3 and 4 are useful only if the NAOs make use of the opportunity. That is, they must appoint National Contacts who will be active both in following the work of the IUPAC Committees and Task Groups to which they have been assigned and in communicating that work to the members of their national chemical community. Point 5 requires that the NAOs and chemical societies take the initiative to create these Prizes.

Prof. Atkins noted that a Poster competition had been held at the Ottawa Congress that attracted posters on chemistry themes from hundreds of school children worldwide.

A general discussion followed during which the following points were made:

1. Improved contacts with industry were necessary
2. Communication of the NAOs and chemical societies with industry is often no better than that of IUPAC with industry
3. The Divisions should take more responsibility for communicating with industry to raise the overall profile of industry. They should promote the idea "Think chemistry, think IUPAC".
4. There needs to be a systematic process to involve people from industry and from uninvolved NAOs.
5. Support for the Congress at Ottawa from industry was over CAD 200 000, more than for any Canadian Society of Chemistry Conference.
6. The views of a group of National Contacts might be a useful way to attract new members for Division and Standing Committees as well as Task Groups.
7. Getting people involved takes more than e-mail contact; it takes face-to-face contact to facilitate team building.
8. A byproduct of the project system is the prevalence of Task Group members from the major countries.
9. Personal visits by the officers are an important part of communicating with NAOs.
10. NAOs often do not respond to requests for input on major issues. A champion is needed in the NAO to improve communications.
11. *Chemistry International* should be the first line of communication with NAOs and the chemistry community.
12. Division Committees need to provide more material that can be disseminated, both by *CI* and directly to the NAOs.
13. National Contacts should be asked to provide reports on how they are disseminating IUPAC information in their countries.

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14. Printed communication via the Bureau members to the NAOs could be useful.

15. Division VII has asked specialized organizations to provide nominations for National Representatives to NAOs.

Prof. Sydnes commented that this is obviously a difficult problem and the proposals presented will at best mitigate the problem.

Prof. Steyn suggested that an item be added to the next Bureau meeting on “Strategic Challenges”.

Action Item: Add item to Bureau agenda on “Strategic Challenges”.

13. REPORT FROM GOVERNANCE STRUCTURE COMMITTEE [COUNCIL ITEM 13]

Prof. Steyn introduced the Item by noting that the Governance Structure Committee had been formed by the Bureau in response to a proposal from the Nordic countries that the governance of the Union be examined with the goal of improving the speed of decision making and increasing the involvement of the NAOs. The Bureau in forming the Committee had charged it with providing a report for consideration by Council at Ottawa. The draft report had been widely circulated, including to all the NAOs. The responses received from the NAOs, although few, had been generally supportive.

Prof. Sydnes then reviewed the report of the Committee. He noted that the two major concerns the Committee had sought to address were the perception that it took too long for the Union to make decisions and that there were too many layers of governance.

The proposals of the Committee are as follows:

- A new body, the Executive Board would replace the current Executive Committee and Bureau. The membership of the Executive Board would be the five Officers plus four members elected by Council.
- A new body, the Union Policy Committee would be formed to advise the Executive Board on policy issues facing the Union. Each NAO would be asked to name one member to this Committee.

Dr. Hayes observed that the UPC would have difficulty in having a meaningful discussion of policy given the large number of members. He also noted that the Bureau meeting in its current form would continue to be held, only using different terminology.

Dr. Becker noted that the new Executive Board would be able to make decision at each meeting as opposed to the current system where the Executive Committee often reviews a proposal and then there is further discussion and a final decision at the Bureau meeting.

Dr. Hayes commented that it was important that the scientific members of the Union be represented in the governance of the Union. Dr. Rosenblatt then noted that this proposal does not address implementation of the Strategic Plan’s goal of improving communication with scientific members.

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Prof. Sydnes then showed a slide that outlined the membership and responsibilities of the UPC and the Executive Board. Dr. Hayes commented that this list of responsibilities did not include strategic guidance and options. Prof. Sydnes replied that policy would be developed by the interaction of the UPC and EB. The proposal includes a change in the agenda of the Council meeting to allow more discussion of policy issues.

Prof. Schneider asked what was meant in the context of the UPC by policy. Prof. Sydnes replied that what was meant was advice not decisions. It was expected that by having an individual contact, the UPC member, rather than the general contact with the NAO, more thoughtful advice could be obtained.

Prof. Gilbert commented that the current Bureau is large enough to include representatives from the larger chemical countries. The smaller EB might not have such representation. Prof. Somsen replied that it was expected that the major countries would continue to be represented. He then commented that the UPC would not, should not, cover the Council agenda at its meeting during the GA, but rather should focus on strategic issues for the coming biennium.

Prof. Schneider commented that the draft report of the GSC was distributed in May. It is too soon to make a decision. He suggested that a decision should be postponed. If desired the UPC could be approved by Council, but there should be intensive discussion of the proposal to create the Executive Board and abolish the Executive Committee and the Bureau.

Dr. Becker noted that the proposal before the Council would be that the Council could create the UPC as an ad hoc Committee while the replacement of the Executive Committee and Bureau with the Executive Board could only be approved by Council in 2005 after the necessary changes to the Statutes and Bylaws had been drafted.

The additional discussion briefly considered some alternative compositions for the proposed Executive Board, but no alternatives were proposed that were more attractive than either the current arrangement or the proposed new arrangement. Prof. Steyn summarized the general tone of the discussion by stating that the concept of the Union Policy Committee was one the Bureau felt it could endorse, with the caution that the members appointed by the NAOs should be senior members of their national chemistry community committed to participation in the work of the Committee. The proposed reorganization, including the composition of the Executive Board should be studied and discussed further.

Dr. Becker asked if there was any preference by the Bureau members regarding the length of the General Assembly. Dr. Hayes made the only comment, suggesting that the Council meeting schedule be changed to a half day first, followed by a full day.

13.1 IUPAC PRIZE FOR YOUNG SCIENTISTS [COUNCIL ITEM 16.1]

Dr. Hayes noted that the quality of the theses reviewed was “awesome”. He reported that the evaluations of the Committee had been very consistent and the five winners were readily apparent after the first round of evaluations.

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13.2 REAPPROVAL OF IUPAC PRIZE PROGRAM

Dr. Becker noted that the IUPAC Prize Program had been approved initially for a period of four years and reapproval by the Council was now needed. After a brief review of the program by Dr. Becker, the Bureau approved a recommendation to Council that the IUPAC Prize program be continued without further need for reapproval.

14. ORGANIZATIONAL CHANGES IN EXISTING IUPAC BODIES, PROPOSALS FOR NEW AND RECONSTITUTED BODIES/TERMS OF REFERENCE [COUNCIL ITEM 18]

14.1 CONTINUATION OF JOINT COMMISSION ON BIOCHEMICAL NOMENCLATURE

Dr. Becker noted that the status of this Commission had been deferred pending discussions with the International Union of Biochemistry and Molecular Biology. These discussions had led to the proposal in the Council Agenda Book. He asked the Bureau to recommend to Council the continuation of the Joint Commission and its new Terms of Reference.

The Bureau approved the recommendation that Council approve the continuation of the Joint Commission and its new Terms of Reference.

14.2 NEW DIVISION RULES

Dr. Becker commented that the Division rules had become outdated and in many cases were no longer in agreement with the Statutes and Bylaws of the Union. He had developed, in cooperation with the Division Presidents, a set of Model Rules that could be used as a basis for Division Rules. The Macromolecular and Analytical Chemistry Divisions had written new Division Rules and the Council would be asked to approve these rules. Council would also be asked to authorize the Executive Committee to approve minor changes in the Division rules in future.

The Bureau approved a recommendation that Council approve the new Division rules for Division IV and V and to delegate to the Executive Committee the authority to approve minor changes in Division rules after approval by the Council.

15. RESOLUTION FROM UK NATIONAL COMMITTEE [COUNCIL ITEM 17]

Dr. Becker commented that the UK proposal was the only proposal made by an NAO and asked Prof. Atkins to discuss it.

Prof. Atkins stated that the motivation for the resolution was to improve the flow of talent into the chemical industry. If Council approves the resolution, the result will be the formation of a Task Force to study the issue. He suggested that the Task force would consist of the Chairmen of COCI, CCE, CHEMRAWN and representatives from CEFIC and other industry organizations.

Prof. Ohtaki commented that while he supported the resolution he felt that part of the underlying cause of the problem was the perceived lack of economic vitality of the chemical industry.

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**16. APPROVAL OF OFFICERS AND MEMBERS OF DIVISION COMMITTEES
[COUNCIL ITEM 20]**

After reviewing the new officers and Division Committees, the Bureau discussed the lack of geographic diversity on some Committees. The comment was made that if Division Committees could appoint more than six national Representatives this problem could be more readily addressed. After further discussion, the Bureau approved an increase in the number of National Representatives to ten for the biennium 2004-5.

17. FUTURE GENERAL ASSEMBLIES AND CONGRESSES

**17.1 43RD GENERAL ASSEMBLY AND 40TH CONGRESS (BEIJING, 2005)
[COUNCIL ITEM 21]**

Prof. Bai reviewed the plans for the 40th Congress in 2005. He distributed copies of the first Circular for the Congress and a DVD. All participants in the Ottawa Congress had received a copy of the First Circular with their registration materials. The theme of the Congress was Innovation in Chemistry. The Congress would be held on 14-19 August 2005 and the General Assembly on 13-21 August 2005. The Congress and General Assembly will be held in the Beijing International Convention Center and the adjacent Beijing Grand Hotel.

Dr. Becker noted that during the meeting of Division Presidents, the Presidents had expressed the desire to interact more closely with the Congress organizers. He urged the Division Presidents and Standing Committee Chairmen to solicit their members for ideas for participation in the congress. Prof. Stepto has agreed to collect suggestions and forward them to the Congress organizers.

Prof. Ralston suggested that some of the participants in the General Assembly could be asked to give lectures at local Universities and Institutes.

**17.2 APPROVAL OF DATES AND SITES OF 44TH GENERAL ASSEMBLY AND 41ST
CONGRESS (2007) [COUNCIL ITEM 22]**

Prof. Della Gatta reviewed the proposal of the Italian National Adhering Organization to host the IUPAC Congress and General Assembly at Torino in 2007. The proposed theme of the Congress is *Chemistry Protecting Health, Natural Environment and Cultural Heritage*. The proposed dates are 5-11 August for the Congress and 4-12 August for the General Assembly. The proposed venue is the Lingotto Conference Centre. Prof. Della Gatta reviewed the facilities available, including the Agnelli auditorium with a capacity of over 2000, 14 meeting halls, and a large exhibit hall of over 46 000 m². The early registration fee proposed is EUR 400, the late registration fee is EUR 480, the student fee is EUR 150 and the fee for Accompanying Persons is EUR 100.

He then described the large number of hotel rooms available in the city of a wide range of price classes; the center of the city will be accessible by subway at the time of the Congress. Torino is readily accessible by air, train, and car. He noted the many sites of historic interest in the city and the proximity to both the Alps and the Mediterranean coast.

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During the discussion of the proposal from the Italian NAO, a number of members of the Bureau expressed the desire that the Congress should have a broad geographic distribution for the International Advisory Board as well as for the Plenary and Invited lectures. The Bureau also reminded the organizers that the International Advisory Board should be approved by the Bureau.

The Bureau approved a motion to recommend that Council accept the proposal of the Italian NAO to host the Congress and General Assembly in 2007.

18. WORLD CHEMISTRY LEADERSHIP MEETING

Prof. Steyn noted that over 50 participants were expected at the WCLM on Friday. He then briefly reviewed the Agenda of the meeting and the documents provided in advance by the speakers.

19. ITEMS FROM MEETING OF DIVISION PRESIDENTS

Prof. Klein reviewed the following items that had been discussed at the meeting of Division Presidents:

1. The workload of the Division Officers
2. Project proposals come mainly from “inside”
3. The Officers need to listen more to the “troops”
4. Cooperation with other organizations, i.e. ISO, WHO, ...
5. Division Electorate: should be discussed again at next Bureau meeting
6. Communication within Divisions, the use of teleconferencing was suggested as a way to improve this
7. Division Presidents should continue to meet separately, with a portion of the meeting jointly with the Standing Committee Chairmen
8. Requests for evaluation of research proposals.

Prof. Klein noted that the last item listed had not been extensively discussed at the meeting. Evaluation of research proposals for outside organizations would entail work and might involve the Union in controversy but it would have the benefit of raising IUPAC's profile.

Prof. Ralston noted the following issues that had been discussed:

1. Closer involvement with the Congress
2. Chemistry day at the General Assembly, this would be a day devoted to presentations of the work being done in the Divisions and Standing Committees
3. Paid staff support for the Division Presidents.

Prof. Gilbert noted that geographic diversity in the Division Committees was to be achieved by having the Nominating Committees be geographically diverse. He asked how diverse were the Nominating Committees.

Dr. Becker replied that they were reasonably diverse. He then commented that the

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process of asking the NAOs for nominees was intended to help provide a pool of geographically diverse candidates.

Prof. Atkins noted that the proposed “Chemistry Day” would increase the length of the General Assembly, which was already felt to be too long.

Prof. Gilbert suggested that an instruction be added to the information provided to the organizers of the IUPAC Congress that they should consult the Division Presidents and Standing Committee Chairmen regarding the program of the Congress.

Prof. Atkins suggested that the organizers of a Congress be asked to meet with the Division committees and Standing Committees at the previous General Assembly.

Action Item: Revise Congress information to include consultation with Divisions and Standing Committees on program.

20. OTHER FINANCIAL MATTERS

20.1 FINANCE COMMITTEE MEMBERSHIP

Dr. Przybylowicz reported that Dr. G. J. Martens had decided not to serve a second term on the Committee. This, along with the death of Dr. Miyamoto, had created two vacancies on the Committee. He planned to propose to the President that Prof. Corish, in case he was not elected Secretary General, and Dr. I. P. Thonus (Netherlands) be asked to serve on the Finance Committee. He asked the members of the Bureau to suggest additional candidates, as there would be vacancies on the Committee in 2006.

20.2 NAOs AND ANAOs IN DEFAULT

Dr. Buxtorf reviewed the situation with respect to Argentina, Brazil, and Chile. As had been noted by Dr. Becker in Item 5.1, all three NAOs had not paid their 2002 National Subscriptions and if payment was not received by Friday, 15 August, the delegations of those NAOs who had not paid would not be able to vote, but would be allowed to participate in the Council meeting.

Dr. Buxtorf then reviewed a number of situations in which he had agreed to a reduced National Subscription. These were due either to dramatic changes in the exchange rate or in the Chemical Turnover.

20.3 SOURCES OF OUTSIDE FUNDING

Dr. Becker reviewed his paper on the subject. He noted that at some point the Secretariat would need to be staffed to provide the necessary support to develop outside sources of funding. The Finance Committee would also have to provide guidelines for accepting funds. He also suggested that the Project Committee might have a role to play in looking for outside funding.

Dr. Buxtorf commented that IUPAC must be careful not to compete with the NAOs in fund raising.

Prof. Sydnes commented that the UK proposal was a candidate for outside funding.

After some discussion, the suggestion was made that a Working Party be

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established to study the question. Prof. Steyn proposed that this be postponed so that the Executive Committee could consider the issue at length at its next meeting.

Action Item: Finance Committee to draft guidelines for accepting outside funding.

Action Item: Agenda Item for Executive Committee meeting on outside funding.

21. CONFERENCES AND SYMPOSIA

21.1 SPONSORSHIP OF CONFERENCES IN DEVELOPING COUNTRIES

Prof. Ohtaki reviewed his report, noting that the Executive Committee had decided to revise the program, as would be described in the next Item.

21.2 RECOMMENDATIONS ON SPONSORSHIP OF CONFERENCES

Dr. Becker reviewed his report. He commented that there was a difference between sponsorship and support, a difference that was not always clear to conference organizers. He drew the Bureau's attention to Item 10 of the Application for IUPAC Sponsorship on free access, this no longer mentioned withdrawal of sponsorship. It had been concluded that in the current environment the granting of visas was subject to many problems that were not in the control of the conference organizers.

Prof. Atkins suggested that Education be added as one of subject areas listed in Item 3 of the AIS.

Action Item: Add Education to list of subject areas listed in Item 3 of the AIS.

Action Item: Add statement to Guidelines for Support concerning the restriction to conferences held in NAOs and ANAOs.

21.3 RATIFICATION OF SPONSORSHIP OF SYMPOSIA

The Bureau ratified the sponsorship of those conferences sponsored since the Executive Committee meeting.

22. PUBLICATIONS

22.1 STATUS REPORT ON *PURE AND APPLIED CHEMISTRY*

Dr. Jost noted that the publication of *Pure and Applied Chemistry* was now closer to the cover date, with the recent issues being mailed during the month of the cover date. The report was then taken as read.

22.2 STATUS REPORT ON *CHEMISTRY INTERNATIONAL*

The report was taken as read. The Bureau expressed its appreciation of the excellent work done by Dr. Meyers in improving both the content and the appearance of *Chemistry International*.

22.3 BOOK PUBLICATION AND BOOK SALES

The report was taken as read.

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22.4 APPROVAL OF *PAC* AND *CI* SUBSCRIPTION RATES FOR 2004

Dr. Warr reported that at its meeting earlier in the week, CPEP had approved a proposed increase in the institutional subscription rate for *PAC* from USD 1300 to USD 1400 for 2004. All other subscription rates for *PAC* and *CI* would remain unchanged.

The Bureau approved the proposed increase.

23. CURRENT PROJECTS

The report was taken as read.

24. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

The report was taken as read.

25. STATUS REPORT ON IUPAC SECRETARIAT

The report was taken as read.

26. IUPAC WEB SITE AND OTHER PUBLICITY ABOUT THE UNION

The report was taken as read.

The question of how many sites link to the IUPAC web site was asked. Dr. Jost replied that he would provide a number for the Executive Committee meeting.

Action Item: Determine how many sites link to the IUPAC web site.

27. RATIFICATION OF APPOINTMENTS TO IUPAC BODIES

There were no appointments to ratify.

28. DATES AND PLACES OF NEXT BUREAU MEETINGS

Dr. Jost reminded the Bureau that there would be a meeting on 17 August after the Council adjourned.

Prof. Sydnes reported that the Slovenian NAO had invited the Bureau to meet at Ljubljana. The proposed dates were 2-3 October 2004.

The Bureau accepted the invitation of Slovenia and approved the proposed dates.

29. ANY OTHER BUSINESS

Prof. Steyn introduced three guests at the Bureau meeting, Prof. Joseph Bunnett, past Chairman of the IUPAC Ad Hoc Committee on Chemical Weapons Destruction Technologies, Dr. Robert Maybury, Executive Director of the International Organization for Chemical Sciences in Development, and Prof. Peter Tyson, Vice President for External Relations of ICSU. Prof. Steyn asked Prof. Tyson to discuss recent developments at ICSU. Prof. Tyson gave a brief overview of ICSU and its activities. He noted that ICSU was attempting to establish closer relations with its member Unions, as demonstrated by his presence at the General Assembly. He also noted that ICSU was becoming more proactive, as evidenced by the number of Priority Assessment exercises being conducted.

Prof. Tidwell commented that he felt that IUPAC should consider studying the ethical

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issues facing science today, such as fraud, ethics in publishing, relation with students and coworkers, safety of coworkers, and the uses of science.

Dr. Becker noted that ICSU has a group working on these issues.

Prof. Klein noted his earlier comments regarding requests from outside organizations that IUPAC evaluate project proposals.

Prof. Sydnes commented that he felt that this was not something that should be done by a Division, but that IUPAC could suggest reviewers who could act as individuals.

After some discussion, the Bureau agreed that this was not a task for IUPAC.

Prof. Steyn thanked the Bureau for its conscientious work over the past two days and declared the meeting adjourned.

International Union of Pure and Applied Chemistry

79th MEETING OF BUREAU

Ottawa, Canada, 17 August 2003

MINUTES

Attendees: Prof. P. S. Steyn, Chairman, Prof. P. W. Atkins, Prof. C. Bai, Dr. E. D. Becker, Prof. D. StC. Black, Dr. C. F. Buxtorf, Prof. S. Chandrasekaran, Prof. P. W. Erhardt, Dr. D. A. Evans, Prof. R. G. Gilbert, Dr. A. Hayes, Prof. B. R. Henry, Dr. A. Kallner, Prof. W. Klein, Dr. A. D. McNaught, Dr. J. M. Malin, Dr. D. S. Moore, Prof. N. J. Moreau, Prof. O. M. Nefedov, Prof. H. Ohtaki, Dr. E. P. Przybylowicz, Prof. J. Ralston, Prof. G. M. Schneider, Dr. A. Smith, Prof. G. Somsen, Prof. R. F. T. Stepto, Prof. L. Sydnes, Prof. T. T. Tidwell

Guests: Dr. F. Meyers

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

Prof. Steyn welcomed the members to the meeting, noting that there was no agenda for the meeting and only one item of business, the election of the elected members of the Executive Committee. The current elected members are: Prof. Nefedov, Prof. Ohtaki, and Dr. Przybylowicz. Prof. Ohtaki will retire from the Bureau at the end of 2003. Prof. Steyn proposed that Prof. Nefedov and Dr. Przybylowicz continue as members of the Executive Committee. This proposal was approved unanimously. Prof. Steyn then proposed Prof. Bai as a candidate for the Executive Committee. There were no other nominations. Prof. Bai was elected unanimously.

Prof. Sydnes reported that he had confirmed the date of the Bureau meeting with the Slovenian delegation. The date was confirmed as 2-3 October 2004 at a site near Ljubljana.

Prof. Steyn reminded the members of the Executive Committee that the next meeting would be 3-4 April 2004 in Bangalore.

Prof. Steyn proposed 13 December as the date for the meeting of the Incoming and Outgoing Officers. The proposed location was Oxford. After some discussion, it was decided that Toronto would be a more convenient location. It was therefore agreed that the date of the meeting would be 13 December and the location would be Toronto.

There followed a general discussion during which a number of points were raised regarding the operation of the Council meeting. A list of those items follows.

1. Could there be a mechanism to write down motions as they are proposed and to have the written version visible to the Council?
2. Should motions be required to be submitted one day in advance so that copies could be provided to the Council?
3. Could recharging points for laptops be provided in the Council meeting room?
4. Could Word files be provided of the Council Agenda materials? This would facilitate annotation?
5. An alternative to Item 4 is to obtain a "Group" license for Adobe Acrobat to enable all those who wish to annotate the pdf files.

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It was proposed that at the next Bureau meeting a half-day be devoted to a discussion of the project system by the Division Presidents and the Vice President. This would be part of the information gathering for the VPCA.