

# International Union of Pure and Applied Chemistry

## 133<sup>rd</sup> MEETING OF EXECUTIVE COMMITTEE

Dublin, Ireland, 1-2 April 2006

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# International Union of Pure and Applied Chemistry

## 133<sup>rd</sup> MEETING OF EXECUTIVE COMMITTEE

Dublin, Ireland, 1-2 April 2006

### MINUTES

Present: Prof. B. R. Henry (Chairman), Prof. C. Bai, Dr. C. F. Buxtorf, Prof. D. StC. Black, Prof. K. Matsumoto, Prof. N. Moreau, Prof. O. M. Nefedov, Prof. L. K. Sydnes  
Guest: Dr. F. Meyers  
Secretary: Dr. J. W. Jost

#### 1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Prof. Henry welcomed the members of the Executive Committee to the meeting and thanked the Royal Irish Academy for the excellent arrangements. Prof. Sydnes asked that the question of publication of out of print textbooks for developing countries be added to Item 26. Prof. Henry noted that a proposal from Prof. Mahaffy regarding a new play by Prof. R. Hoffman would be discussed under item 9.6 and that the issue of how to assign priority for recruitment of new National Adhering Organizations would be discussed under Item 10.7. There were no further changes to the Agenda.

#### 2. MINUTES OF 132<sup>ND</sup> MEETING OF EXECUTIVE COMMITTEE

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

There were no matters arising.

#### 3. ACTION ITEMS FROM PREVIOUS MEETINGS

Action Item 1: The Secretary General agreed to remind the Division Presidents that they had agreed to prepare PowerPoint presentations for IUPAC representatives to sponsored conferences specific to their Divisions.

Action Item 4: The Executive director agreed to remind the Division Presidents whose Divisions had not prepared revised rules that revised Division rules should be prepared for the Council at Torino. It was also agreed that the Division Rules should be posted on the IUPAC web site.

Action Item 10: This item asks the question of how many Nobel laureates were active in IUPAC in the past. It was agreed to restrict this to Division Presidents and Officers.

Action Item 11: This item proposed that closer relations be established with the Chemistry Olympiad. The discussion noted that the organizers of the Chemistry Olympiad would be sensitive to any perceived attempt by IUPAC to take over the organization. It was agreed that IUPAC involvement would be restricted to increasing the visibility of IUPAC by the participation of one of the Officers, where feasible, in the prize award ceremony and the distribution of IUPAC mementos, such as the *Gold Book*.

#### 4. VICE PRESIDENT'S CRITICAL ASSESSMENT

Prof. Matsumoto reviewed her draft VPCA, which was a review of IUPAC activities

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in light of the goals of the Strategic Plan. An extensive discussion of the VPCA followed Prof. Matsumoto's presentation. The main points are summarized below.

It was suggested that the report be revised to emphasize plans that are more definitive for certain issues rather than a simple description of the situation. This would require deletion of some parts of the discussion and a focus on those areas where special emphasis could be placed. Examples of areas of possible emphasis are the improvement of IUPAC's communication tools, especially with developing countries and chemical societies that are not National Adhering Organizations. The area of Green/Sustainable Chemistry requires coordinated efforts, both within IUPAC and with other international organizations, such as ICSU. The role of CHEMRAWN should be emphasized, as should IUPAC input to ICSU.

The importance of encouraging young scientists was noted. The suggestion was made that the example of the young scientists branch of the Brandenburg Academy be followed and that a young scientists group be established in IUPAC.

The suggestion was made that the report should emphasize the larger strategic issues that IUPAC needs to address, in addition to its traditional role in small-scale science, such as its traditional strengths in nomenclature, terminology, and validated data. The issue of Green/Sustainable chemistry does not require new structures, but rather requires coordination both within IUPAC and externally. The larger issue can be described as "how do we make IUPAC the organization that is thought of when chemical issues are discussed"?

Prof. Henry noted that the VPCA should suggest changes and asked that the members of the Committee send their written comments to Prof. Matsumoto. He summarized the discussion by noting that the report should focus on some major subjects such as:

- Young people;
- Visibility of IUPAC to government;
- Strategic issues.

### **5. PROPOSAL FOR AN "INTERNATIONAL YEAR OF CHEMISTRY"**

Prof. Matsumoto reported that the International Year of Physics in 2005 had been highly successful and had used the anniversary of the *annus mirabilis* of Einstein, 1905, as the focus of the year. She reviewed a number of possible occasions as the focus of a year of chemistry. After some discussion, it was agreed that the 175<sup>th</sup> anniversary of the birth of Dmitri Mendeleev in 2009 would be a suitable occasion. Prof. Black agreed to contact IUPAP for information on how the Year of Physics was organized.

### **6. TASK FORCE TO IMPROVE OPERATIONAL EFFICIENCY**

Prof. Henry noted that the members of the Task Force were; Prof. Henry (Chairman), Prof. Kallner, Dr. Jaffe, Prof. Kaucic, Prof. Shin, Dr. Meyers (staff support). He noted that with the failure of Council to pass the proposed reorganization of the EC and Bureau, it had been decided to seek improved efficiency in the governance of the Union in ways other than reorganization. He reported that he would send a message to the NAOs, Bureau, and others requesting input. After the requested input had been

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compiled and reviewed, the Task Force would commence work. The members of the EC were requested to send their comments to the Executive Director.

### 7. TASK FORCE TO REVISE STATUTES AND BYLAWS

Prof. Black reported that the members of the Task Force were; Prof. Black (Chairman), Prof. Brett, Dr. Cesa, Prof. Somsen, Dr. Jost (staff support). He noted that the Task Force would commence its work after the Task Force on Efficiency had made its report to include any necessary changes in the Statutes and Bylaws.

### 8. ORGANISATION FOR THE PROHIBITION OF CHEMICAL WEAPONS

#### 8.1 REPORT FROM OXFORD MEETING

Prof. Henry reviewed the extensive correspondence on this subject. After some discussion, it was agreed that the report of the meeting at Oxford should be published in *Pure and Applied Chemistry*, subject to certain changes in the report. The major change suggested was that the draft Codes of Conduct be removed from the report. This was to avoid the possibility that these draft Codes would be cited as IUPAC recommendations. The authors of the report should be asked to initiate a project to draft an IUPAC recommendation for Codes of Conduct. The sponsor of this project would be the Committee on Chemistry Education. This recommendation would follow the usual path of approval by the EC, Bureau, and Council. The Executive Director was asked to prepare a revised report based on this proposal and also to remove certain material, such as the Agenda of the meeting, the list of participants, and the description of IUPAC, that were considered unsuitable for an IUPAC Technical Report.

*Action Item: Revise draft report from Oxford meeting.*

*Responsible: Dr. Jost*

#### 8.2 ROME MEETING

Prof. Henry reviewed the material provided by Prof. Fratadocchi regarding the planned "International Meeting on the Education and Outreach Project" for 21 and 22 September in Bologna. He commented that one of the main aspects of the meeting would be the signing of a Code of Conduct for chemists by representatives of the organizations present. After some discussion, it was agreed that, as in the case of the report of the Oxford meeting, IUPAC could not endorse a Code of Conduct until one had been approved by Council. The Executive Director was asked to draft a letter for the President informing Prof. Fratadocchi that, while IUPAC supported the educational aspects of the meeting, it could not support a Code of Conduct at this time. It was also agreed that Prof. Mahaffy would be asked to represent IUPAC at this meeting.

*Action Item: Write response to Prof. Fratadocchi.*

*Responsible: Dr. Jost*

#### 8.3 SECOND REVIEW CONFERENCE

Prof. Henry reviewed the proposal from OPCW that IUPAC organize a second

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conference as a successor to the successful Bergen meeting. The EC agreed that IUPAC should organize the meeting and approved USD 10 000 to provide initial funding for the meeting.

*Action Item: Write to Dr. Trapp to inform him of the decision by the EC.*

*Responsible: Dr. Jost.*

## 9. PLANS FOR 44<sup>TH</sup> GENERAL ASSEMBLY AND 41<sup>ST</sup> CONGRESS, TORINO 2007

### 9.1 LOGISTICS AND SCHEDULES

Dr. Jost reviewed the planned schedule for the major meetings at the General Assembly. He noted that the Bureau would meet on Wednesday and Thursday, the Council on Saturday and Sunday and the WCLM would be held on Friday afternoon with the proposed roundtable meeting on Sunday afternoon. As usual, there would be a brief meeting of the Bureau on Sunday afternoon to elect the elected members of the Executive Committee. Prof. Henry suggested that it might be better to switch the dates of the WCLM and the Council Round Table. It was agreed that this should be discussed under Item 9.3.

### 9.2 YOUNG OBSERVERS AND YOUNG CHEMISTS

Dr. Meyers noted that the report was for archival purposes and the guidance of future GA organizers. She suggested that, rather than asking the Young Observers to provide written reports, it might be better to hold a Round Table Discussion with the Young Observers.

### 9.3 ROUNDTABLE DISCUSSIONS?

Prof. Henry commented that the Union Advisory Committee had been formed as an ad hoc body as a part of the proposed reorganization of the Executive Committee and the Bureau. With the decision by Council not to proceed with the proposed reorganization, the purpose of the UAC had been removed. He also noted that the UAC had not been very successful as an advisory group. He then asked Dr. Buxtorf to review his proposal for Round Table discussions by the Council delegates.

Dr. Buxtorf proposed the following:

- That proposals for topics be solicited from the NAOs and the Bureau.
- The Bureau would then select three or four topics from those suggested.
- Delegates would be asked to sign up for topics, indicating their preference so that if some topics were oversubscribed delegates could be assigned to their second preference topic.
- Each discussion group would be led by an officer.
- Each discussion group would make recommendations for IUPAC action.

Prof. Black suggested that the recommendations made should specify an IUPAC body for the action. Dr. Jost noted that in order to allow the Bureau to discuss the suggested topics and select topics for the Round Table the letter to the NAOs should be drafted and sent by June. The invitations to the delegates to

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indicate their preference of discussion topics could then be sent with the invitations to the General Assembly sent to the NAOs in November.

After some discussion, it was agreed that the proposed Round Table discussions should be organized as described above. It was also agreed that the WCLM should be held on Friday afternoon and the Council Round Table on Friday morning. The PAC-EAB would be moved to a different time to avoid a conflict with the Council Round Table.

*Action Item: Send message to NAOs and Bureau members requesting subjects for round table discussions.*

*Responsible: Dr. Jost.*

#### 9.4 CONGRESS TIMELINES

Dr. Meyers reviewed the correspondence with the Congress organizers and noted that certain actions were delayed from the preferred timeline. After some discussion, it was agreed to continue to urge the Congress organizers to meet the proposed schedule for the Congress. Either Prof. Henry or Prof. Sydnes will attend the April meeting of the Congress Program Committee.

#### 9.5 WCLM

Prof. Henry proposed that Prof. Sydnes would be in charge of organizing the WCLM. The format would be similar to that at Beijing with a keynote speaker and subsequent discussion. Prof. Henry would introduce the speaker and Prof. Sydnes would chair the meeting. Two possible topics were the Chemical Industry and the new European regulatory environment (REACH) and the recent changes in European education to harmonize degrees with the aim of encouraging mutual recognition of qualifications by the countries of the European Union. He also proposed that there should not be any other speakers, but that certain delegates would be asked to be prepared to respond to the keynote address.

After some discussion, the EC agreed to these proposals. It was also agreed that NAOs, ANAOs, chemical societies and industry trade associations would be asked to name delegates. The delegates would be seated at a table while observers would be seated on the outside of the room.

#### 9.6 PLAY BY PROF. HOFFMANN AT CONGRESS

Prof. Henry reported that Prof. Mahaffy had proposed that Prof. Roald Hoffmann be invited to arrange a reading of his new play: "Shoud've" at the Congress. The play has three characters, and explores in a fascinating way ethical issues common to the arts and Sciences. The Committee discussed this proposal and agreed that Prof. Mahaffy should be asked to discuss the possibility with Prof. Hoffmann. It was also suggested that Prof. Hoffmann be asked to give a plenary lecture to initiate the discussion of the topic of the play.

**10. MEMBERSHIP DEVELOPMENT****10.1 MIDDLE EAST & ETHIOPIA TRIP REPORTS**

Prof. Sydnes reported on his trip to Ethiopia on the occasion of the inaugural meeting of the Federation of African Chemical Societies. He also reported on his subsequent trip to a number of Middle Eastern countries, including Jordan, Bahrain, Qatar, and the United Arab Emirates. He reported that a number of these countries seemed interested in becoming National Adhering Organizations; however, due to the lack of strong chemical societies or national academies, the chemists in these countries felt that the National Adhering Organization would have to be a National Committee. The chemists Prof. Sydnes spoke with felt that they needed a set of draft bylaws for a National Committee provided by IUPAC. Prof. Henry commented that drafting the bylaws for a National Committee usually required close cooperation among the sponsoring organizations. The Executive Committee asked that the Secretary General draft a document describing how to set up a National Committee. After this document has been drafted, a letter will be sent to the contacts Prof. Sydnes has identified in the countries he visited.

*Action Item: Draft generic Bylaws for an IUPAC National Committee of Chemistry.*

*Responsible: Prof. Black.*

**10.2 REPUBLISHED TEXTBOOKS**

Prof. Sydnes described the letter from the Egyptian NAO requesting IUPAC's assistance in obtaining permission from textbook publishers for the reprinting of out of print textbooks in low cost editions by Egyptian publishers. He reported that he had written to one of the major publishers regarding this proposal and the publisher had responded by noting that they and other publishers already have programs in place to publish low cost textbooks in developing countries, including Egypt.

**10.3 MALTA III**

Prof. Henry reviewed the previous conferences in this series and noted that they had been viewed as successful by the participants. A third conference has been proposed for December 2007 to be held in Cyprus. Prof. Henry reported that he had been asked by the American Chemical Society at the recent meeting in Atlanta, if IUPAC would be willing to become the overall sponsor of the conference. As overall sponsor, IUPAC would collect and disburse the contributions for support of the conference. Prof. Zafra Lehrman of Columbia College in Chicago would continue as Chairman of the Organizing Committee. After a brief discussion, it was agreed that IUPAC would become the overall sponsor of the conference and that IUPAC would provide USD 10 000 to support the conference. The Executive Committee emphasized the importance of the conference leading to real cooperation among the scientists of the region. Dr. Meyers commented that CHEMRAWN might be the appropriate IUPAC



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body to be involved in the organization of this conference. It was agreed that there should be further discussion of how this conference series should be organized as an ongoing IUPAC activity. The Executive Director was asked to draft a message to Prof. Lehrman informing her of IUPAC's decision with a copy to Dr. Malin. Dr. Malin would be asked in a separate note to discuss the question of the ongoing organization of the Malta conference series.

*Action Item: Draft message to Prof. Lehrman and ACS.*

*Responsible; Dr. Jost.*

### 10.4 REPORT ON POTENTIAL NEW ANAO/NAOS

Prof. Sydnes reported that in addition to the contacts described in Item 10.1, he is going to discuss this issue with the Norwegian Agency for Development Cooperation and he is planning to do the same with the corresponding agencies in Sweden and Denmark. The aim is to find ways of funding the National Subscriptions of some developing countries, especially in Africa.

### 10.5 STRATEGY FOR CONVERSION OF ANAOs TO NAOs

This item was discussed as part of Item 10.6.

### 10.6 POSSIBLE APPLICATION FORMS FOR ANAO/NAO MEMBERSHIP

Prof. Black proposed that an application form be developed to make clear to prospective NAOs what is required to become an NAO or ANAO. It was agreed that Prof. Black should work with the Secretariat to develop such a form, which would be posted on the IUPAC web site and could be referred to when an organization inquired about becoming an NAO or ANAO.

Dr. Meyers suggested that an effort be made to involve new NAOs in the work of IUPAC immediately after Council has approved their application. Dr. Jost proposed that new NAOs be asked to nominate National Representatives to Division and Standing Committees immediately after the General Assembly. After some discussion, it was decided that this was not feasible since most committees would already have the maximum number of National Representatives. It was felt that the best way to get new NAOs involved would be to urge them to have chemists from their countries volunteer for existing IUPAC task groups.

*Action Item: Draft application forms for NAOs and ANAOs.*

*Responsible: Prof. Black, Dr. Meyers, and Dr. Jost.*

### 10.7 PRIORITY FOR NAO RECRUITMENT

Dr. Jost reviewed the lessons learned from attempts to recruit new NAOs over the past few years. He noted that with a few exceptions, such as Iran, Malaysia, Thailand, and Mexico, most of the countries that had been the subject of recruiting efforts would pay the minimum National Subscription of USD 1000. The cost benefit relation would therefore be problematic. He suggested that in general, recruiting should be done at regional chemical federation meetings rather than by special trips. Prof. Black commented that all IUPAC officers

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should use personal contacts to encourage countries without NAOs to join. Prof. Henry noted that for NAOs the ability to hold an IUPAC sponsored conference would easily repay years of National Subscriptions.

### 11. IUPAC BODIES

#### 11.1 DUTIES OF TMs, AMs, & NRs

Prof. Black briefly reviewed the message from Prof. Powell suggesting that the duties of members of Division Committees should be made more explicit and that participation in the work of the Committee should be made a condition of membership. Prof. Sydnies noted that the duties and responsibilities are already clearly spelled out by the Statutes and Bylaws, so a reference to these documents should do. After some discussion, the Committee agreed that it was not appropriate to be prescriptive on this issue on an IUPAC wide basis. It was felt that the Division and Standing Committees already had the authority to not renominate inactive members of their committees and enforcement of this was a matter for each committee.

*Action Item: Write to Prof. Powell to inform him of the conclusion of the EC.*

*Responsible: Prof. Black.*

#### 11.2 ELECTION AND APPOINTMENT PROCEDURES

Prof. Black reported that the procedures for nomination of Titular Members and the selection of Associate Members and National Representatives of Division Committees still had problems, especially in the area of geographic balance, as well as a perceived lack of choice in the elections for Titular Members. He proposed that the Division Nominating Committees be required to propose at least ten candidates for the six Titular Memberships on each Committee and that these lists of nominees be reviewed by the officers for balance.

There was a brief discussion of these proposals and the Committee then agreed that the Secretary General should revise the instructions given to the Divisions to incorporate these proposals.

Prof. Black then proposed that the Divisions be asked to name eight candidates for National Representative, with the remaining two to be named by the Executive Committee. The Committee concluded that the changes previously approved were a significant change and that the change proposed in the method of selection of National representatives was too drastic. Prof. Henry asked that the Secretary General continue to emphasize the need for geographic diversity. Prof. Black commented that he would revise the instructions to the Division Committees to emphasize that the purpose of National Representatives was to ensure broad geographic representation on the Division Committee, not to assist the Division in adding additional scientific talent to the Committee.

*Action Item: Revise instructions for procedures for election of TMs and selection of AMs and NRs.*

*Responsible: Prof. Black.*

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### 12. PROJECTS

#### 12.1 SUMMARY OF CURRENT STATUS: COMMITMENTS, EXPENDITURES, AND UNDER REVIEW

Dr. Jost asked if there were any questions on the reports provided. Prof. Henry asked if the Divisions should be required to adhere more closely to the project/operations budget split suggested by the Treasurer. It was agreed that this should be discussed at the Bureau meeting in October. The relatively small number of projects approved so far this year is due to the move by most Divisions to a competitive review process in which projects are reviewed at set times during the year, usually at the Division meeting. Prof. Sydnese commented that there were a significant number of projects with zero spending and past their planned completion date. Prof. Henry suggested that the President should write a note to the Division Presidents asking that action be taken on such projects. It was suggested that the Bureau should discuss the possibility for setting automatic termination dates for projects based on the planned completion date.

*Action Item: Add items on operations and project budgets and on project spending termination to Bureau Agenda.*

*Responsible: Dr. Jost.*

*Action item: Write to Division Presidents suggesting that they more closely monitor projects with zero spending that are past their planned completion date.*

*Responsible: Prof. Henry.*

#### 12.2 GUIDELINES FOR DIVISION RESERVE

This Item was discussed in Item 13.4.

### 13. FINANCE COMMITTEE

#### 13.1 REPORT FROM FINANCE COMMITTEE MEETING, 13 FEBRUARY 2006

Dr. Buxtorf reported that the major event with respect to the Union's investments last year was the transfer of the portfolio from Merrill Lynch to Wachovia.

#### 13.2 STATEMENT OF ACCOUNTS FOR 2005

There were no questions about the statement of accounts.

#### 13.3 REVIEW OF BUDGET FOR 2006-7

There were no proposed changes in the approved budget and no questions from the Committee.

#### 13.4 ALLOCATION METHODOLOGY FOR DIVISION AND STANDING COMMITTEE BUDGETS

Prof. Henry briefly reviewed the proposal from the Finance Committee to

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replace the Division Reserve with a Strategic Opportunities Fund. He noted that his VPCA had proposed that Division allocations should be based on success in the project system. The Finance Committee had been asked to study this proposal and had now recommended a Strategic Opportunities Fund. The change implied is that instead of being a source of additional funding for Divisions and Standing Committees, the reserve fund would be used by the Executive Committee to allocate project funds to projects judged to be of strategic importance to the Union. Prof. Black noted that this addressed the concerns he had asked be addressed in his Item 12.2. After some discussion, it was agreed to make this change in the 2008-9 budget. The Fund will be administered by the EC acting as a project committee, with the Secretary General acting as Chairman.

Dr. Meyers noted that a decision would have to be made as to whether a project should be funded from the Project Committee Fund or from the Strategic Opportunities Fund. She suggested that the Project Committee should first review all projects applying for funding from either fund. The Secretary General would then decide if a project should be considered by the EC for funding from the Strategic Opportunities Fund. Prof. Henry noted that project funds have not been increased for the past two biennia. He proposed that the Treasurer be asked to budget the Strategic Opportunities Fund at USD 120 000 for 2008-9. The Committee approved this proposal.

*Action Items: Make necessary changes to 2008-9 budget. Write description of the operation of the new Strategic Opportunities Fund for presentation to Division Presidents and Bureau at Madrid.*

*Responsible: Dr. Buxtorf and Dr. Jost.*

### 13.5 NATIONAL SUBSCRIPTIONS AND ANAO FEES

#### 13.5.1 ANAOs in Arrears

Dr. Jost reported that the only ANAO in serious arrears was the Hong Kong Chemical Society. The Executive Committee approved the proposal to ask the Executive Director to write a letter to the HKCS informing them that they would be removed as an ANAO if they did not pay the dues in arrears by 1 June.

*Action item: Write letter to HKCS.*

*Responsible: Dr. Jost.*

#### 13.5.2 NAOs in Arrears

Dr. Jost reviewed the proposal to formalize the conditions under which sanctions would be applied to an NAO in arrears. The proposal is given below.

1. National Subscriptions become overdue 1 January of the year following the year of the assessment, i.e. the National Subscriptions for 2005 become overdue on 1 January 2006.

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2. Sanctions are applied if National Subscriptions are overdue by more than one year, i.e. National Subscriptions for 2004 are overdue by one year on 1 January 2006.
3. Sanctions to be applied are the following:
  - a. Members of Division and Standing Committees from sanctioned NAOs cannot receive support to attend IUPAC Meetings in their capacity as members of a Division or Standing Committee; this includes the General Assembly;
  - b. Sanctioned NAOs cannot submit nominations for membership of Division and Standing Committees;
  - c. Members of Division and Standing Committees from sanctioned NAOs cannot be nominated for election or appointed to Division and Standing Committees.
4. Sanctions are to be approved by the Executive Committee at its regular April meeting, i.e. sanctions for NAOs that have not paid their 2004 National Subscriptions are considered at the April 2006 meeting.
5. NAOs are to be formally notified that sanctions will be applied unless payment is made by 1 June, i.e. NAOs will be notified soon after the April 2006 meeting of sanctions approved at the meeting and sanctions will be applied on 1 June 2006 if payment is not received before then.

Prof. Sydnes noted the importance to the other members of IUPAC of ensuring that all members meet their financial obligations. He proposed that item 4 in the process be amended to include the statement “the Executive Director will inform the Executive Committee of measures taken to inform the NAO of its arrears.” The Executive Committee approved the proposed process, as amended.

Dr. Jost reported that two NAOs were in arrears for their 2004 National Subscriptions, Egypt and Chile. Egypt is already under sanctions for non-payment of their 2003 National Subscription. The Executive Committee approved the application of sanctions for Chile if payment is not received by 1 June 2006.

*Action Items: Add item to Bureau Agenda describing the above process. Write letter to Chile regarding arrears for 2004.*

*Responsible: Dr. Jost.*

## 14. DISCOVERY AND NAMING OF NEW ELEMENTS

### 14.1 JOINT IUPAC/IUPAP WORKING GROUP ON THE DISCOVERY OF ELEMENTS WITH ATOMIC NUMBER 112 AND HIGHER

Prof. Henry reviewed the process for appointing the members of the joint working group. He noted that the appointments are made jointly with IUPAP

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and that discussions with IUPAP had taken longer than expected but that the remaining issues had been resolved and the members of the Joint Working Party had been appointed.

#### 14.2 DEVELOPMENT OF PROCEDURES FOR APPOINTING FUTURE JOINT IUPAC/IUPAP WORKING GROUPS FOR VALIDATION OF THE DISCOVERY OF NEW ELEMENTS

Prof. Black reported that discussions had begun to develop an agreed procedure for the appointment of future joint working parties, but that these discussions had not yet reached a point at which he could report any results.

*Action Items: Develop procedure for selecting and appointing members of future joint IUPAC-IUPAP Working Parties.*

*Responsible: Prof. Black.*

### 15. STABILITY CONSTANTS DATABASE

#### 15.1 BUSINESS PLAN

Prof. Henry briefly reviewed the history of this activity and the recommendation from the finance committee that the proposal be redone to include all costs to IUPAC along with a proposal for staffing that did not include additional staff at the Secretariat. There was a brief discussion, which concluded that this was an activity that should be supported but that the mechanism for doing so was not clear. Prof. Henry proposed that the following points be communicated to Prof. Powell:

1. The Executive Committee supports this activity.
2. Division V should identify a person to do what their current proposal has done by a person at the Secretariat. This is not something that is appropriate to have done by a current staff person at the Secretariat.
3. The issue of open access should be addressed and a proposal should be made for methods of charging for access.

The President and Secretary General will draft and sign a letter to this effect to be sent to Division V.

*Action Item: Write letter to Prof. Powell informing him of the decision of the EC.*

*Responsible: Prof. Black.*

#### 15.2 OPEN ACCESS?

This Item was discussed above.

### 16. IUPAC PRIZE

This Item was presented for information only.

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### 17. CONFERENCES AND SYMPOSIA

#### 17.1 RATIFICATION OF SPONSORSHIP OF SYMPOSIA

Symposia approved for sponsorship since the meeting of the Bureau at Beijing were ratified.

#### 17.2 IUPAC POSTER PRIZES

This Item was presented for information only.

### 18. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

This Item was presented for information only.

### 19. COMPANY ASSOCIATES PROGRAM

Dr. Meyers reviewed the initiative to offer companies that sponsor IUPAC sponsored conferences complimentary Company Associate status with the expectation that some of them could be then recruited as paying members. She also reported that COCI planned to recruit Company Associates in those NAOs represented in COCI's membership. Prof. Moreau reported that France had undertaken an initiative to recruit Company Associates. As a first step a meeting had been held with representatives from major French chemical companies, mainly research directors, asking for suggestions for projects to be initiated by IUPAC. Prof. Matsumoto noted that companies seem to value frontier knowledge of direct value to the company.

Dr. Meyers suggested that one of the proposed roundtable discussions at the General Assembly be devoted to industry issues.

### 20. STATUS REPORT ON IUPAC SECRETARIAT

Dr. Jost reviewed the report provided. There was a brief discussion of the report during which it was suggested that the Secretariat could provide information to Task Group Chairmen regarding possible sources of outside funding. Prof. Henry commented that he would like to see some strategic suggestions in the report.

### 21. PUBLICATIONS

#### 21.1 STATUS REPORT *CHEMISTRY INTERNATIONAL*

Dr. Meyers reviewed the report and asked if there were any questions. The Committee expressed its appreciation of the continued high quality of *Chemistry International*, in both appearance and content.

#### 21.2 STATUS REPORT *PURE AND APPLIED CHEMISTRY*

Dr. Jost reviewed the report and asked if there were any questions. There were none.

#### 21.3 BOOK PUBLICATION AND BOOK SALES

Dr. Jost reviewed the report and asked if there were any questions. There were none.

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**22. IUPAC WEB SITE AND PUBLICITY ABOUT THE UNION**

Dr. Meyers reported that preparations were being made to revise part of the web site after the move of the host server to Berlin. She noted that the move of the server was taking longer than anticipated but was expected to be complete by mid-year. There was a discussion of possible additional facilities to be added to the web site, such as preparation for the proposed Year of Chemistry in 2009 and positions on subjects of general interest. Dr. Meyers noted that interactive forums are still to be developed.

**23. INTERACTIONS WITH OTHER ORGANIZATIONS****23.1 UNESCO**

Prof. Sydnes reported that a Memorandum of Understanding had been signed with UNESCO formalizing the ongoing cooperation between UNESCO and IUPAC. He also noted that UNESCO was changing its funding from grants to ICSU to cooperation with individual Unions. This change leads to possible cooperation with other UN agencies, such as UNEP and UNIDO.

**23.2 ICSU**

Prof. Henry reviewed the governance of ICSU. The Executive Board has fifteen members, the seven officers and eight elected members. The ICSU Council meets every three years. Project funding is no longer available. This is mainly due to the termination of UNESCO funding for ICSU. He also discussed the proposed sale of the current ICSU headquarters building and the move of ICSU headquarters to a new building provided by the French government. The French government will also provide a subsidy to ICSU as part of an agreement to keep ICSU headquarters in Paris. ICSU is studying a change of the fee structure from the current self selected membership categories to a scale of assessments based on a standard formula.

**23.3 FREE EXCHANGE OF SCIENTISTS**

Prof. Henry reviewed the episode of the rejection of a visa application by Prof. Mehta, the President of ICSU, to enter the United States. He noted that he had written e-mails to Dr. Wendy White of the United States National Academy of Sciences and to Prof. George Atkinson, the Science Advisor to the Secretary of State. Prof. Sydnes proposed that the Executive Committee express its support of the principle of free exchange of scientists in view of the situation with regard to Prof. Mehta's visa application to enter the United States. The motion was approved and it was agreed that a copy of this motion be sent to ICSU.

*Action Item: Draft message to ICSU.*

*Responsible: Dr. Jost.*

**23.4 FEDERATION OF ASIAN CHEMICAL SOCIETIES**

Prof. Matsumoto gave a brief report on the recent meeting of the FACS. She reviewed the structure of the organization and noted that education projects are an important part of the activities of the Federation. She reported that Malaysia



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had expressed the intention of becoming an IUPAC NAO. Countries such as Malaysia, Thailand, and Singapore see hosting major international meetings as important.

### **24. ARRANGEMENTS FOR BUREAU MEETING**

Prof. Black reported that during a visit to Madrid he had inspected the proposed facilities at La Residencia de Estudiantes, a residence operated for the Consejo Superior de Investigaciones Científicas (CSIC) to accommodate scientific visitors. The Residencia is a historic building that has been refurbished to provide comfortable rooms with modern conveniences. The meeting rooms are in the same building, which is very convenient. The Residencia is in the heart of Madrid conveniently located to many restaurants and sites of interest.

### **25. DATES AND PLACE OF NEXT EXECUTIVE COMMITTEE MEETING**

There was a discussion of possible locations for the next meeting of the Executive Committee, the main criterion being that it should be in a country not recently the site of a meeting of the EC or Bureau. It was decided to approach the Royal Society of New Zealand. The RSNZ is located in Wellington, but the location of the meeting would be left to the RSNZ if they agreed to host the meeting. The preferred dates for the meeting are 14-15 April 2007, with 24 –25 March as a second choice.

*Action Item: Write to the RSNZ to ask if they are willing to host the EC on the dates suggested.*

*Responsible: Dr. Jost.*

### **26. ANY OTHER BUSINESS**

Prof. Sydnes reported that he had had discussions with Wiley about sponsorship of a joint IUPAC Wiley prize. Possible subjects for the prize are environmental chemistry or green chemistry given that Wiley publishes the IUPAC book series on Environmental Systems.

It was suggested that Prof. Henry write a letter to follow up on the initial contact made by Prof. Sydnes.

*Action Item: Write letter to Wiley.*

*Responsible: Prof. Henry.*

### **27. SCHEDULE OF OFFICER REPRESENTATION AT IMPORTANT SCIENTIFIC MEETINGS**

The Officers met separately to review the calendar of meetings of chemical societies, Division and Standing Committees, and IUPAC sponsored conferences and decided which Officer should attend the various meetings where it was felt that the presence of one of the Officers would be beneficial.