

International Union of Pure and Applied Chemistry

129th MEETING OF EXECUTIVE COMMITTEE

Turin, Italy, 6-7 April 2002

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Present: Prof. P. S. Steyn (Chairman), Dr. E. D. Becker, Dr. C. F. Buxtorf,
Dr. A. Hayes, Prof. O. M. Nefedov, Prof. H. Ohtaki, Dr. E. P. Przybylowicz,
Prof. L. K. Sydnes

Secretary: Dr. J. W. Jost

1. INTRODUCTORY REMARKS AND FINALIZATION OF AGENDA

Prof. Steyn welcomed the members of the Committee to the meeting and expressed the thanks of IUPAC to Prof. Della Gatta for the excellent arrangements and to the Consiglio Nazionale delle Ricerche for its support of the meeting. He commented that the Committee should keep the following question in mind at all times during the meeting: "Are we serving the world chemistry community?"

Prof. Steyn noted that there were a number of important issues on the agenda, including: the Strategic Plan, National Subscriptions, the Workshop on the review of the Chemical Weapons Convention, the World Chemistry Leadership Meeting, the Vice-President's Critical Assessment, the IUPAC Prize, Investment Policy, membership on Division and Standing Committees.

Three items of other business were added to the Agenda: a request for additional funding by Prof. Atkins, the issue of Division Committees meeting at General Assemblies, and recognition of outgoing Division Presidents and IUPAC Officers.

2. MINUTES OF 128TH MEETING OF EXECUTIVE COMMITTEE

2.1 AMENDMENTS AND APPROVAL

Dr. Przybylowicz noted that the minutes of the 128th meeting of the EC had an error on pg. 11; the mention of Dr. Martens should be replaced by Dr. Senti.

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

There were no matters arising.

3. ACTION ITEMS FROM PREVIOUS MEETINGS

Dr. Jost briefly reviewed the list of Action Items and asked that the members inform him of any updates to the items. Dr. Hayes noted that responsibility for Item 33 should be changed to Prof. Steyn. Prof. Steyn asked that the Executive Director write a letter to the members of the International Chemistry Committee thanking them for their continued support and noting the current mode of operation of the ICC.

4. REPORT FROM WORKING PARTY ON NATIONAL SUBSCRIPTIONS AND RELATED MATTERS

Dr. Buxtorf referred the Committee to the written report of the meeting of the Working Party. He commented that there had been a good response from the

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members of the Working Party to his request for comments before the meeting. There had also been good participation by all the members during the meeting. He felt that there had been a full and complete exchange of views on the issue of the allocation of National Subscriptions and related matters. The two proposals made at the Council meeting in Brisbane, by the Czech and French National Committees, had been fully discussed at the meeting and the group had concluded that neither proposal should be recommended to the EC and Bureau by the Working Party. It was felt that both proposals had the clear potential to lead to serious financial problems for the Union, if not its dissolution, or the very least a serious impairment of its ability to function. The group had agreed to make three recommendations. The first was to fund the participation of one delegate from each NAO to the Council meeting. The limits to be placed on the amount of this support were to be determined by the Bureau, based on a recommendation of the EC. The second was to modify the method of calculation of the National Subscriptions by using an average of five years of Chemical Turnover data rather than the average of two years data as the current practice. The third recommendation was to bill National Subscriptions in national currencies. Dr. Buxtorf noted that the Working Party had also expressed concern on one non-financial matter. This was the issue of representation of as many NAOs as possible on Division and Standing Committees. He also noted that the French member had suggested that IUPAC should consider reducing its budget, and therefore its activities, to demonstrate its commitment to prudent management of its resources. He noted that in the new project system this was more easily accomplished than would have been the case in the past.

Dr. Buxtorf suggested that the first two recommendations be approved by the EC for presentation to the Bureau. However, he felt that the financial risk involved in the third proposal was too great and it should not be approved, at least not in its present form.

Dr. Przybylowicz commented that in his view the meeting had been successful with good participation and that all three recommendations had merit. He suggested that the proposal to bill National Subscriptions in national currencies could be restricted to economically disadvantaged countries. Dr. Hayes commented that since the expenses of IUPAC were almost entirely in USD, collecting a large part of its revenue in other currencies would expose the Union to a large risk of a revenue shortfall. Dr. Becker suggested that there might be alternatives to the proposed method of calculating National Subscriptions in national currencies that posed less financial risk to the Union.

There was then a discussion of the possibility of reducing the Union's budget as suggested by the French member of the Working Party. This could only be addressed by asking the question "Is the Union doing too much and should its level of activity be significantly reduced?" It was noted that the savings made in the past few years in areas such as the expense of the General Assembly and the increased revenues from publications due to the change to self publication, had been allocated to increased scientific work rather than being used to reduce the overall budget. The point was made that a budget reduction was a one-time effect and the exchange rate problem would still exist. The threat to the publications income of the Union from the expected continuing decline in subscribers was also noted. The consensus of the

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Committee was that a budget reduction was not a good option and did not really address the problems some NAOs had in obtaining funding to pay their National Subscriptions.

Dr. Jost briefly reviewed the proposed method of calculating National Subscriptions in National Currencies. The calculation is done by using the average of the exchange rates used to calculate the Chemical Turnover to convert the calculated National Subscriptions from USD to national currencies. Payment is then made in USD using the current exchange rate at the time the payment is made. In theory, fluctuations in exchange rates, especially of the major currencies, the Euro and the Yen, should, over the course of a number of biennia lead to payments in USD that are both lower and higher than the original calculated National Subscription in USD. It is only if the value of other currencies steadily decline that IUPAC should suffer a net loss of income. Dr. Becker showed a table of the value of the USD versus a group of currencies that showed that for the years 1973-2001 this had been the case. Dr. Jost commented that since the intent of this proposal was to protect a NAO from a sudden decrease in the value of its currency versus the USD, rather than using the average exchange rate used to convert Chemical Turnover to USD, it would be appropriate to use the average exchange rate for the first quarter of the year of the General Assembly. That is, for the 2004-5 National Subscriptions, the average exchange rate for the first quarter of 2003 would be used to convert National Subscriptions from USD to national currencies. Prof. Steyn asked the Executive Director to make calculations based on this model.

The Committee agreed to recommend the first two proposals to the Bureau for implementation at the Ottawa General Assembly. The limits on support of delegates to the Council were set at USD 2000 or 70 % of the National Subscription for the current biennium, whichever was lower.

5. FINANCE COMMITTEE

5.1 REPORT FROM FINANCE COMMITTEE MEETING, 25 FEBRUARY 2002

Dr. Przybylowicz reported that the Finance Committee had taken the following actions at its meeting:

1. Expressed concern about the continued and predicted decrease in income from publications and noted the need to identify sources of replacement income or reduced expenses that will compensate for this major source of income.
2. Continue with the present investment strategy for the long-term account. The present strategy outperformed the market indices during the past two difficult investment years.
3. Reviewed and approved the Investment Policy Statement update.
4. Reviewed and revised the Fund Policy statement to reduce the number of long term accounts to simplify the understanding of these accounts.
5. Approved the transfer of USD 100 000 of the Southern Hemisphere Sinking Fund (renamed in the revised Fund Policy) to pay part of the costs of the

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Brisbane General Assembly, currently estimated at in excess of USD 537 000.

6. Approved the use of USD 60 000 to pay the costs of the IUPAC Prize for 2000-1 and the support of Conferences in Developing Countries for 2000-1.
7. Approved the addition of USD 26 500 to the Young Scientists Awards Fund, a 5 % increase based on a nominal income from an investment of the fund in a bond.

5.2 STATEMENT OF ACCOUNTS FOR 2001

Dr. Jost reviewed the unaudited statement of accounts for 2001 as well the combined results for 2000-1. Over two years the operating income fell short of the operating expenses by USD 135 772, before unrealized losses on investments. As was noted in Item 5.1, the Finance Committee has authorized the use of USD 100 000 from the Southern Hemisphere Sinking Fund and USD 60 000 from the Young Scientists Awards Fund to pay part of the expenses of the Brisbane General Assembly, the expenses of the IUPAC Prize and support Conferences in Developing Countries.

5.3 NATIONAL SUBSCRIPTIONS

Dr. Jost described the calculation of National Subscriptions for 2002-3, noting that the National Subscriptions for a number of countries had been adjusted to account for large increases due to use of much newer Chemical Turnover data for those NAOs.

5.4 NAOs AND ANAOs IN DEFAULT

Dr. Jost reported that with the payment by the Pakistan chemical society of its payments in arrears there were no NAOs or ANAOs in default for years earlier than 2001. The outstanding payments for 2001 are expected to be made in 2002.

5.5 REVIEW OF BUDGETS FOR 2002-3 AND CAPITAL BUDGET FOR 2002

Dr. Buxtorf briefly reviewed the approved budget for 2002-3 and noted that no changes were necessary. He then discussed the need to be proactive with respect to the expected continued decline in income from publications due to the decline in subscribers to *PAC*. He noted that while the number of subscribers had increased in 2002 this was a one-time phenomenon and the long-term downward trend was expected to continue.

5.6 ALLOCATIONS TO IUPAC BODIES, 2002-3

Dr. Buxtorf reviewed the allocations to Divisions and Standing Committees for 2002-3. He noted that a large unallocated reserve, divided between a Division Reserve, to be allocated by the Treasurer and Secretary General, and a fund to be allocated by the Project Committee had been incorporated in the budget. This provided flexibility to fund good projects wherever they might occur in the Union. Dr. Buxtorf reported that he had asked the Division Presidents to adhere

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to a budget allocation of 25 % for operations and 75 % for projects.

The current allocations to Divisions are based on historical allocations and the Treasurer suggested that this procedure should be modified in the future. One possible modification is to take into account the success of Divisions in obtaining funding for projects from the reserve. This would provide more funds for the use of the more active Divisions.

A general discussion of the allocations to Divisions ensued with a number of members noting that some Divisions had received much larger allocations from the reserve in the biennium 2000-1. It was noted that this reflected the number of good projects developed by each Division and was not a result of some Divisions having more requests for project funds approved than others. It was suggested that the President discuss the level of activity of each division with the Division Presidents in his meetings with them in September.

6. VICE PRESIDENT'S CRITICAL ASSESSMENT

Prof. Sydnes reported that his VPCA would focus on the ties of the NAOs with IUPAC and their role in IUPAC. He planned to send each NAO a letter asking them what were their expectations of IUPAC. He planned to meet with as many National Committees as possible during 2002. These meetings would mostly take place during the course of his travel on other business. He also planned to look at the connection with chemical societies, in those cases where the chemical society was not the NAO. Where possible he planned to meet with representatives of both the IUPAC National Committee and the chemical society to foster ties between the two groups.

Dr. Hayes commented that IUPAC needed to get in touch with younger chemists. This required increased efforts at outreach and publicity. Prof. Ohtaki suggested that IUPAC arrange to have a speaker at meetings of major chemical societies to publicize the work of IUPAC. Dr. Przybylowicz commented that where possible it might be useful to have a young observer present at the meetings of the Vice-President and national chemical societies. Prof. Steyn suggested that the EC members could be used as speakers at meetings. He also suggested that Prof. Sydnes include a study of how the project system is working as part of his VPCA. There is need to be sure NAOs and chemical societies are aware of their increased role in the new project system in encouraging project proposals from chemists in their countries. The Executive Director was asked to assemble a list of national meetings from NAOs and ANAOs.

7. PLANS AND SCHEDULE FOR GA/CONGRESS, OTTAWA, 2003

Dr. Jost reported on his visit to Ottawa in January 2002 to review plans for the General Assembly and Congress. He noted that the schedule was not yet firm with a number of key issues to be decided. The first of these was the reception for IUPAC members. At Brisbane, this had been part of the reception for Congress delegates. It was felt that this had reduced the effectiveness of the event as a means of communication with the members. After some discussion, it was decided to hold a separate reception on the first Saturday of the General Assembly. This would allow the President to direct his remarks to the members rather than to a mixed audience of members and Congress delegates. Dr. Hayes commented that the Congress organizers

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should be asked to better schedule the time of the President at Ottawa. Too much of the scheduling at Brisbane had been at the last minute. This reduced the effectiveness of the President at the scheduled events.

It was agreed that the President should have a part in both the opening and closing ceremonies at the Monday and Friday sessions of the Congress. Dr. Jost reported that the Sunday evening event before the reception would be almost entirely devoted to the awarding of the IUPAC prizes. This event should have more publicity and include a more detailed brochure for the delegates describing the winners and their accomplishments. Dr. Jost reported that the Congress organizers planned to include the names of the winners in the Congress program.

It was suggested that the Congress organizers be encouraged to arrange regular press briefings during the Congress. IUPAC should prepare a policy package for its officers to be sure that a unified message is given to the media. The Congress should have a theme for each day with a press release on the major presentation of the day. The suggestion was made that there should be a poster competition for graduate students with an IUPAC book as one of the prizes. Prof. Sydnes suggested that the Committee on Chemistry Education organize an event on the public appreciation of science. He also noted that a greater effort should be made to encourage participation by IUPAC members in the Congress.

Dr. Jost noted that the other major decision was the date for the World Chemistry Leadership Meeting. At Brisbane, this had been on the Monday after the Council meeting. One alternative would be to compress the earlier parts of the General Assembly and have the Council meeting on Friday and Saturday with the WCLM on Sunday. This would have the advantage of reducing the amount of time participants spent at the meeting. Prof. Steyn suggested that Friday might be the best day for the WCLM with the Council remaining on Saturday and Sunday. There was some discussion of the amount of time to allocate to the meeting and it was decided that a half-day would be sufficient. After further discussion, it was decided that an afternoon meeting was least likely to interfere with the Congress. Dr. Jost reminded the group that the Australian NAO had asked to hold a meeting of Executive Directors of chemical societies during the General Assembly. It was agreed that Friday morning would be the best time for this meeting and the Executive Director was asked to arrange for a meeting room and to inform the Australian NAO of this decision.

8. WORLD CHEMISTRY LEADERSHIP MEETING, 2003

There was a wide-ranging discussion of how to attract more industrial participation in the meeting and of possible agenda items. A number of suggestions were made, as listed below:

1. The Committee on Chemistry Education should be asked to review the WCLM report from Brisbane with a view to developing some agenda items.
2. Trade associations should be asked to invite participants.
3. Company Associates should also be approached to participate.
4. The Executive Director was asked to write a letter to NAOs and chemical societies asking them to invite industry leaders.

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5. Some possible agenda items are:
 - a. The Environmental Estrogens report from the joint IUPAC/SCOPE project.
 - b. High Volume Chemicals Testing.
 - c. Chemical Warfare Agents and the Chemical Weapons Convention, especially the IUPAC organized Workshop in Bergen.
 - d. A report to summarize progress on recommendations of the last WCLM.
6. The Committee on Chemistry and Industry should be challenged to suggest agenda items.

The suggestion was also made to ask Sir Richard Sykes, current Chairman and former Chief Executive Officer of GlaxoSmithKline, to contribute to the agenda. Dr. Hayes agreed to contact Sir Richard.

The following group was given the responsibility of organizing the WCLM: Prof. Steyn, Prof. Atkins, Dr. Becker, Dr. Buxtorf, Dr. Hayes, Prof. Sydnes, Dr. Wright. The Executive Director was asked to arrange a meeting of the group during the Bureau meeting in Paris.

9. PLANS FOR GA/CONGRESS, BEIJING, 2005

Dr. Jost noted that the dates for Congress and General Assembly in Beijing had not been fixed at Brisbane. After some discussion, it was agreed to set the dates as 13-21 August 2005. The group also agreed to continue the current practice of having overlapping dates for the General Assembly and Congress at Beijing.

10. POSSIBLE PROPOSAL FROM ITALY FOR GA/CONGRESS, 2007

Dr. Jost reported that the Italian NAO was considering a bid for the General Assembly and Congress for 2007. The proposed location was the town of Stresa on the shore of Lago Maggiore. Prof. Steyn, Dr. Becker, Prof. Sydnes, and Dr. Jost would review the facilities during a visit to Stresa on Monday, 8 April.

11. PROPOSAL TO CREATE A NEW COMMISSION ON MACROMOLECULAR TERMINOLOGY

Dr. Becker reviewed the proposal from Division IV to create a new Commission on Macromolecular Terminology. He noted that the Division had formed a Subcommittee on Macromolecular Terminology. The distinction between nomenclature and terminology had been made clear by discussions among Prof. Stepto, Dr. McNaught, and himself. The issue is not the importance of terminology, but the necessity for a Commission. It was agreed to appoint a three-person ad hoc Committee to study the issue and report to the Bureau, as required by Bylaw 4.301. The proposed members of the Committee are: Dr. Becker, Prof. F. Ingman, and Dr. W. V. Metanomski. The membership of the Committee was approved subject to acceptance of their appointments by Prof. Ingman and Dr. Metanomski.

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12. PROGRESS REPORT FROM *AD HOC* COMMITTEE ON COCI

Dr. Hayes reported that he had received comments on the future organization and terms of reference of COCI from Dr. A. Ishitani, Prof. Sydnes, and Mr. J. Fourie. Dr. Wright would provide his comments after the COCI meeting in June. A meeting of the Committee was planned for the Thursday before the Bureau meeting, in London. Dr. Buxtorf reported that he would be meeting in the near future with representatives of German industry, accompanied by Prof. W. Koch of the GDCh and Dr. M. Driescher, a former member of CHEMRAWN.

13. STRATEGIC PLAN UPDATE

Dr. Przybylowicz described the process used in obtaining feedback from Division Presidents and Standing Committee Chairmen. He noted that due to an oversight the original request for input had gone only to the Division Presidents. The same materials will be sent to the Standing Committee Chairmen in May and replies are expected in mid July. He then reviewed the compiled responses. The main value of the resulting material was seen to be in guiding the President's discussion with each Division President in the meetings at the Bureau.

It was decided that the Vision statement, Mission Statement, and the six goals would be published as the Strategic Plan. A number of suggestions were made for editorial changes during the discussion. The members of the EC were asked to provide any input to Dr. Przybylowicz by the end of April. Dr. Hayes suggested it then be appropriate to have a discussion at the Bureau of what else should be considered in the Strategic Plan. After the strategic Plan is approved the Division Presidents and Standing Committee Chairmen can be asked to provide any additional input.

Prof. Nefedov suggested that the Brain Drain issue should be addressed in some way by IUPAC. He described the difficulties created in many countries by the emigration of young scientists. He also suggested that the issues of geographic diversity of the Division Committee membership and of the speakers at IUPAC sponsored conferences should be addressed. The Committee, after some discussion, decided that these issues were already addressed by the goals in the draft Strategic Plan. The Executive Director was asked to write a letter to the organizers of the Ottawa Congress asking that every effort should be made to ensure a broad geographic representation of speakers, especially Plenary and Invited lecturers.

14. BIENNIAL REPORT

Dr. Becker reported that he had now received a compilation of the reports prepared by the Division Presidents and Standing Committee Chairmen for the Brisbane Council meeting. He planned to work from this document to produce a document that was coherent and readable. The plan is to publish the Biennial Report in the same format as that for 1998-1999, including illustrations.

15. PROJECTS

Dr. Jost reported that the project approval system was working well. Approvals were still taking longer than was desirable due to various circumstances, including the

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difficulty of getting timely responses from referees. All those involved in the system, especially the Division Committees, had learned a great deal about how to operate the system over the past three years. Forty-four projects had been approved in 2001 and 16 to date in 2002. There were 38 projects in various stages of the review process. The projects approved in 2001 had a total budget of USD 193 650, including USD 25 000 of outside funding. The projects approved to date in 2002 had a total budget of USD 52 700, including USD 5000 of outside funding.

Dr. Becker noted that a number of the guidance documents had been produced to help project submitters, Division and Standing Committees, and Task Group Chairmen. The Evaluation committee had made a significant contribution by developing a document containing Information for Task Group Chairmen. This document had just been completed and would be distributed to Task Group Chairmen along with their approval letters. It would also be available on the IUPAC web site.

16. NAOs AND ANAOs

16.1 MEMBERSHIP DEVELOPMENT COMMITTEE

Dr. Ohtaki reported on the activities of his Committee over the past months, since its creation. He and other members of the Committee had visited a number of countries to encourage them to consider becoming NAOs or ANAOs. Visits have been made to Pakistan to discuss their National Subscription payment situation, to Singapore, Bangladesh, Thailand, the Philippines, and Malaysia. Discussions were held with a Jordanian chemist to encourage Jordan to consider becoming an ANAO. FLAQ will be encouraged to become an Associated Organization of IUPAC, joining the other regional federations, FACS, FECS, and AAPAC.

16.2 RECRUITMENT AND RETENTION OF NAOs: RATIONALE AND ACTIONS

Dr. Becker noted he had written down some reasons for joining IUPAC and asked the EC to help improve this list. The aim is to develop a brochure that could be used when recruiting NAOs, ANAOs, and Company Associates. Dr. Hayes agreed to draft a revised document describing the benefits of membership.

16.3 NATIONAL REPRESENTATIVES TO DIVISION COMMITTEES

Dr. Becker noted the statistics on the composition of Division Committees provided in the Agenda Book. He reported that the Division Presidents had described the National Representatives nominated by the NAOs as of uniformly high quality; many were well qualified to serve as Titular Members. Dr. Becker then described the current nominating process for candidates for the Division Committees. The process begins with the Nominating Committees formed by each Division, after the election of Titular Members, Associate Members are chosen by the Divisions. When the election of Titular and Associate Members is complete, nominations for National Representatives are solicited from the NAOs. He proposed that for the next biennium the process be revised to begin

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with the solicitation of nominations from the NAOs. The Nominating Committees could then select candidates for election as Titular Members from this pool in addition to selecting other candidates as usual. After the Titular and Associate Members have been elected, National Representatives can be chosen from those nominees not elected to the Division Committee. This suggestion will be discussed with the Division Presidents at their meeting in September.

16.4 NATIONAL/CORRESPONDING MEMBERS OF TASK GROUPS

Dr. Becker reported that after discussion with the Division Presidents, it had been agreed that nominees from NAOs for membership on Task Groups would be called Members if appointed, rather than some special term. If formal nominations are sent to the Secretariat by the NAOs, they will be sent to the Division Committees for approval and then to the Task Group Chairmen. A letter has been sent to the NAOs asking for nominations to Task Groups.

The composition of the Division Committees was discussed with a number of members commenting that some Committees had a very restricted geographical distribution. It was noted that Division VIII had no Titular members from NAOs other than the United States, Germany, and the United Kingdom. It was agreed that this was a special situation due to the need to start the new Division with specialists in specific areas. The Division President has agreed to attempt to improve the distribution of members in the future. It was noted that a large Advisory Committee had been formed with a wide representation to help the Division plan its program.

17. FELLOWS AND AFFILIATE MEMBERSHIP PROGRAMS

17.1 STATUS REPORT

Dr. Jost reported that there had been no changes in the operation of the Fellows program and the AMP. The membership fees for the AMP remained at USD 16 for chemical societies and USD 35 for individual members. The number of Affiliates has declined slightly, mainly outside the United States. The number of Fellows has increased from 468 to 1063 due to the termination of Commissions. The Fellows program seems to be well accepted with anecdotal evidence indicating that IUPAC Fellow status was seen as conferring prestige on the recipient.

The overall costs of the program, including the costs of *Chemistry International*, continue to show a pro forma net income to the Union.

17.2 HOW SHOULD WE PERSUADE NAOs TO IMPROVE THE AMP?

Dr. Becker noted that the proportion of Affiliates outside the United States continues to decline. Less than 13 % of the paid members who participate through an NAO or chemical society are from outside the US. There was a general discussion of the reasons for this and it was agreed that the major cause was a lack of promotion by the NAOs and chemical societies. Dr. Becker and the Executive Director were asked to propose ways to encourage better

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promotion of the AMP by the NAOs and chemical societies. It was suggested that a pop-up ad be put on the web site to encourage visitors to become Affiliates.

17.3 NEW AMP BROCHURE?

The current AMP brochure was discussed and it was agreed that it could be significantly improved. The EC members were asked to suggest improvements to the Executive Director.

18. IUPAC WEB SITE AND OTHER PUBLICITY ABOUT THE UNION

Dr. Jost reported that the web site continued to be a major means of communicating with the global chemistry community. The number of hits had reached over 340 000 for one month and been close to that for a number of months in 2001. The Executive Director was asked to investigate what statistical information could be derived about the visitors to the site and what the cost of obtaining such information would be. Could information such as country of origin and academic versus industrial visitors be collected? Dr. Jost commented that the web site had changed its function over the past five years from being a means of communicating with members of IUPAC bodies to being a resource consulted by members of the chemical community around the world and the public at large. The web site continued to be changed to meet these new demands. The Committee expressed its appreciation of the excellent work being done by Dr. Meyers in the continuing development of the web site.

19. STATUS REPORT ON IUPAC SECRETARIAT

Dr. Jost reviewed the accomplishments of the Secretariat over the past year, noting that the Secretariat continued to function well despite the recent staff changes. The reasons for these changes and the changes in the operation of the Secretariat resulting from these changes were reviewed. The committee asked the Executive Director to convey the appreciation of the Committee to the Secretariat staff for its continued excellent work.

20. PUBLICATIONS

20.1 STATUS REPORT *CHEMISTRY INTERNATIONAL*

Dr. Jost reported that the major change in *Chemistry International* had been the partial implementation of the recommendations of the *CI* Strategy Development Committee. As part of the implementation program Dr. Meyers had taken over responsibility for *CI* from Dr. Senzel. The magazine has become more readable and interesting, as Dr. Meyers has focused on editing the magazine to focus more on short articles about work going on in IUPAC and subjects of interest to its diverse international audience. The effort to improve *CI* is ongoing and will take more time to fully implement. The redesign of *CI* has been postponed until the change in content is further along. Dr. Meyers has solicited a bid for the redesign from a graphic designer who has worked on other IUPAC projects, including the redesign of the IUPAC home page, the IUPAC calendar, and the

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periodic table card. The proposal will cost between USD 6500 and 7800. After some discussion, the proposed expenditure was approved.

20.2 STATUS REPORT *PURE AND APPLIED CHEMISTRY*

Dr. Jost reported that the publication of *Pure and Applied Chemistry* continues to be behind the issue date by about 100 days. The publication of the December 2001 and the January and February 2002 issues in March will reduce the delay to about 60 days. Further reduction of the delay in publication will depend to some extent on the availability of material. The backlog of reports under review by ICTNS has been significantly reduced and this is no longer a major problem. The departure of Dr. Senzel has meant that his work has had to be divided among the other staff members, with the Executive Director taking on most of his work until a new person is hired. It is expected that when a new person is added that the responsibilities for various tasks done by Dr. Senzel will be divided differently than they have been.

Net income from *PAC* decreased in 2001 due mainly to a decrease in subscription income from institutional subscribers. Costs have also increased due to the addition of an additional contractor to help speed the production process and bring *PAC* back on schedule. Projected income for 2002 is expected to increase due to an increase in the institutional subscription rate and an increase in the number of subscribers. The increase in institutional subscribers is due entirely to an increase in subscribers in China. The Executive Director was asked to write a letter thanking our agent in Beijing for their efforts and reminding them that the IUPAC Congress and General Assembly will be in Beijing in 2005.

20.3 SPECIAL ISSUES OF *PURE AND APPLIED CHEMISTRY*

Dr. Jost reported that Prof. Bull continues to develop Special Topic Issues of *PAC*. One Special Topic Issue was published in 2001. This was based on the Workshop on Electrochemistry and Interfacial Chemistry in Environmental Clean-up and Green Chemical Processes organized by Prof. Brett in Coimbra, Portugal, 6-7 April 2001. The papers from the Workshop will appear as the December 2001 issue of *PAC*. Two Special Topic Issues are planned for 2002. The first is based on the proceedings of the 2nd International Symposium on Sweeteners, Hiroshima, Japan, 13-17 November 2001. The second will be based on the 2nd IUPAC Workshop on New Directions in Chemistry – Workshop on Advanced Materials: Nanostructured Advanced Materials (IUPAC WAM II), Bangalore, India 13-16 February 2002.

While not strictly a Special Topic issue, Dr. Jost noted that the report on A Critical Evaluation of Proven Chemical Weapons Destruction Technologies would be published as the February 2002 issue of *PAC*.

20.4 BOOK PUBLICATION AND BOOK SALES

Dr. Jost reported that six books had been published in 2001 and to date in 2002. Four books are scheduled to be published in 2002, including a new edition of

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the Green Book. The sales of books by the Secretariat totaled over USD 19 000 in both 2000 and 2001, while sales to date in 2002 have been USD 2790. Sales of books have recovered almost half the cost of the inventory purchased from Blackwell. The stock of the Solubility Data series has been purchased from the previous publishers, Elsevier, as successor of Pergamon, and Oxford University Press. The goal of making IUPAC books available has been achieved. As an example it was noted that copies of the Green Book have sold well correcting the problems reported with Blackwell, where purchasers were often informed that the book was out of print. The arrangement with Amazon.com has also worked well, with good sales of those titles listed with Amazon.

Three of the color books are now available on line, the Gold Book, the Purple Book, and the Orange Book. Red Book II will be placed on line when the waiting period of 12 months agreed to in our contract with the Royal Society of Chemistry has passed.

21. IUPAC ARCHIVES -PAPER AND ELECTRONIC

Dr. Jost reported that the Secretariat will write to retiring officers asking them to send their IUPAC archives, both paper and electronic, to the secretariat for storage.

22. CONFERENCES AND SYMPOSIA

22.1 CONFERENCES IN DEVELOPING COUNTRIES

Prof. Ohtaki reported that there had been only four applications for support for conferences in 2003, all to be held in Russia. The Committee plans to support only one of these conferences. He noted that for some of the conferences considered the speakers had been repeated from previous years, a practice the Committee feels is not desirable.

22.2 CONFERENCE POLICY DEVELOPMENT COMMITTEE

Dr. Becker reported that the Committee had made progress in developing the background for its work and planned to meet on 13 July in London, the day after the meeting of CPEP in Cambridge, since a number of the members would be at the CPEP meeting and others would be at the Bergen Workshop on the Chemical Weapons Convention the previous week (see Item 24).

22.3 RATIFICATION OF SPONSORSHIP OF SYMPOSIA

The EC approved the sponsorship of Conferences approved since the last meeting of the EC in December.

23. IUPAC BODIES

23.1 RATIFICATION OF MEMBERSHIPS APPROVED BY CORRESPONDENCE

There were no memberships approved by correspondence to be ratified.

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23.2 NOMINATIONS OF NEW MEMBERS

There were no new memberships to be approved.

24. WORKSHOP ON CHEMICAL WEAPONS TREATY REVISION

Dr. Becker reviewed the planning for the Workshop on the *Impact of Scientific Developments on the Chemical Weapons Convention Revision* to be held in Bergen 30 June -3 July 2002. He reported that while a number of donors had promised funding, none had, as yet, been finally approved. He requested that the EC approve contingency funding of USD 30 000 to allow invitations to be extended to speakers and key participants. The US National Academy of Sciences had promised to provide USD 30 000 in contingency funding.

Dr. Hayes commented that it had been CHEMRAWN policy to cancel conferences that did not have adequate funding. There was a discussion of the issue of whether the OPCW will take the results of this Workshop in consideration. Dr. Becker reported that the program of the Workshop had been developed based on input from the Science Advisory Board of the OPCW and he had been assured that the results of the Workshop would be part of the input to the meeting on Revision of the Chemical Weapons Convention in 2003.

The EC approved the request for USD 30 000, contingent on receipt of additional funding by 28 April. It was suggested that if the conference were cancelled, the invited speakers be asked to provide written papers for publication.

25. IUPAC PRIZE FOR YOUNG SCIENTISTS

Dr. Hayes reported that the judging for the prize was almost completed. Forty entries had been received from 20 countries. The applications were of uniformly high quality.

26. NAMES AND SYMBOLS OF TRANSFERMIUM ELEMENTS 110-112

Dr. Jost reported that the Joint Working Report was published in *Pure and Applied Chemistry*, 73, 960-967, 2001. This report found that the claim of the German group (GSI) to have made element 110 was substantiated. They have been asked to submit a proposed name. A notice was posted on the IUPAC web site on 12 October 2001 asking claimants to have discovered elements 111 and above to provide materials to the JWP. In addition to this public notice, letters were sent by Prof. Corish to all the laboratories known to be active in this area, requesting that they submit data to the JWP.

An article by Prof. Herb Kaesz appeared in the March 2002 issue of *CI* reviewing IUPAC's procedure for naming new elements.

27. BUREAU MEETING, 14-15 SEPTEMBER 2002, PARIS

27.1 MEETING PLANS AND ARRANGEMENTS

Dr. Jost reported that Prof. Moreau is investigating suitable hotels with easy

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Metro access to the Maison de Chemie, the site of the Bureau meeting. The Committee agreed that time should be allocated to meetings of the Division Presidents and the Operating Committee Chairmen to meet individually with the President and with the Vice President and the Secretary General. The usual meeting of the Division Presidents will be held on Friday. The meetings of the Project Committee and the Evaluation Committee will be held on Friday and Sunday afternoon, respectively. A separate meeting was proposed by Dr. Becker for Friday to discuss issues related to the Project System with the Division Presidents and Standing Committee Chairmen. This meeting would also include the Chairmen of the Project and Evaluation Committees.

27.2 MEETING WITH UNESCO

Dr. Jost reported that a meeting of the President and other IUPAC Officers with either the Assistant Director-General for Natural Sciences or the Deputy Director-General of UNESCO is being arranged by Dr. Pokrovsky for either the Monday after the Bureau meeting or the Wednesday before. Dr. Pokrovsky has stated that he will not be able to confirm meeting dates until May or June.

28. DATES AND PLACE OF NEXT EXECUTIVE COMMITTEE MEETING

The EC approved the date of the next meeting as 5-6 April 2003 in Bergen.

29. ANY OTHER BUSINESS

Prof. Nefedov reported that the Russian Academy of Science has established a V. Koptuyug Prize in Chemistry and Preservation of the Environment.

Dr. Becker reported that Prof. Ralston had suggested that rather than funding meetings of Division Committees at the General Assembly, funding should be provided for separate meetings of Division Committees at times and locations of their own choosing. After some discussion, the EC expressed the opinion that it was important for all the Division Committees meet at the General Assembly. This was felt to be necessary to promote interactions among the Divisions and Standing Committees.

Dr. Becker reported that Prof. Atkins had requested additional funding to permit additional members of CCE to attend the Committee meeting in Beijing, to be held in conjunction with the Congress on Chemical Education. He noted that Prof. Atkins was organizing a workshop at the meeting to promote interactions among the education committees of the major scientific unions. This workshop had been proposed by the meeting of Chemical Education Committees of the Unions held at the IUPAC Secretariat in February and was partially funded by UNESCO. The EC approved this request and asked the Treasurer to increase the budget of the CCE by USD 7500.

Prof. Steyn suggested that IUPAC should give some recognition to retiring Division Officers, Standing Committee Officers, and IUPAC Officers. The Committee agreed that this was a worthwhile idea. The awards would consist of a plaque expressing the Union's appreciation of the work of the retiring Officers. The awards for Division and Standing Committee Officers would be made at the Saturday evening reception for

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IUPAC members, while the awards to the retiring IUPAC Officers would be made at the Council meeting on Sunday. Prof. Steyn and Dr. Becker were asked to develop the wording to be used on the plaques.

Prof. Steyn then thanked the members of the Committee for their active participation in the work of the EC. He noted that the extensive agenda testified to the wide range of activities carried out by the Union and its continued vitality.