



# International Union of Pure and Applied Chemistry

A member of the International Council of Scientific Unions

Analytical Chemistry Division: Commission on Solubility Data (V.8)

December 15, 1988

Dear Colleagues,

I enclose the minutes of the 14th IUPAC Commission V.8 meeting which took place at the University of Surrey, Guildford, England, August 21-22, 1988. In addition, there are attached summary minutes of the subcommittee meetings.

The next (15th) meeting of the IUPAC Commission V.8 takes place during the 35th IUPAC General Assembly at the University of Lund, Lund, Sweden, on August 10-13, 1989. Your participation is urgently requested.

I look forward to seeing you in Lund in 1989 and take this opportunity to wish you all a happy holiday season.

Sincerely,

  
Lewis H. Gevantman  
Secretary

Enclosures

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Minutes of the 14th Meeting of Commission V.8

held at

University of Surrey, Guildford, England, U.K.

August 21-22, 1988

Section I. DISCUSSIONS OF THE FULL COMMISSION

A. List of Attendees

C. Balarew (Bulgaria), H. U. Borgstedt (FRG), R. W. Cargill (UK), H. L. Clever (USA), M. T. Saugier-Cohen Adad (France), R. Cohen-Adad (France), J. J. Councoux (France), T. P. Dirkse (USA), J. Eysseletova (Czechoslovakia), P. G. T. Fogg (UK), F. W. Getzen (USA), L. H. Gevantman (USA), H. Grünbauer (Holland), C. Guminski (Poland), J. Hala (Czechoslovakia), R. Herrera (USA), G. Hefter (Australia), J. B. Jensen (Denmark), C. Kalidas (India), D. Kosanovic (Yugoslavia), S. Krause (USA), I. Lambert (France), J. W. Lorimer (Canada), A. Maczynski (Poland), S. Maczynska (Poland), A. E. Mather (Canada), T. Mioduski (Poland), H. Miyamoto (Japan), G. H. Nancollas (USA), A. F. D. de Namor (UK), M. Salomon (USA), N. D. Shikina (USSR), A. Skrzecz (Poland), A. M. Szafranski (Poland), E. Szczepaniec-Cieciak (Poland), R. P. T. Tomkins (USA), V. M. Valyashko (USSR), J. Vanderdeelen (Belgium), W. E. Waghorne (Ireland), D. A. Wiesenbergl (USA), E. Wilhelm (Austria), B. A. Wolf (FRG), Y. P. Yampolskii (USSR), C. L. Young (Australia).

B. Approval of Minutes and Agenda

The Chairman called the meeting to order at 9:10 AM. The minutes of the 13th meeting were approved as was the agenda for the 14th meeting. A general welcome was extended to Commission V.8 by the Chairman.

C. In Memoriam: A. S. Kertes

The Chairman announced the very recent demise of Commission V.8's past Chairman, Prof. A. S. Kertes, and delivered a brief eulogy in his behalf. He then asked the Commission to observe one minute of silence in tribute to his memory. Following the silent period, the Chairman announced that suitable memorial statements would be incorporated in the IUPAC "Journal of Pure and Applied Chemistry," "Chemistry International," and Volume 40 of the SDS.

D. Chairman's and Editor-in-Chief's Reports

1. Contract

The Chairman described the status of contract negotiations with Pergamon Press. Based on the most recent meeting of August 20, the Chairman assured the Commission that all but one clause of the contract was agreed on and the final clause was in the process of being settled. The new contract will be for four years, terminating on December 31, 1992. The terms of the

contract follow those of the previous one but attempt to remedy all of the past difficulties. The Chairman asked for improved manuscript handling and accountability by Commission members so as to avoid delays in volume publication and financial transactions. Hopefully, changes for improved accounting forms would go far to achieve this.

## 2. Finances

The Chairman reviewed the financial status of the Commission. The budget for 1987-1988 consisted of a \$2500 allowance from the Analytical Division and a \$3000 contribution from Pergamon. No contribution was received from ICSU. The total was spent in aid of travel expenses by the Commission.

Approval was received from the IUPAC Executive Committee to employ any monies accrued from the Franzosini volume (Vol. 33) (royalties, page and typing fees, \$5487). A fund will be established to use these funds on behalf of Commission activities, principally to assist young scientists involved in Commission's work.

## 3. Publications

Four volumes (Volumes 27-30) were published in 1987. Six manuscripts are now at Pergamon ready for publication, and two additional manuscripts are with the IUPAC Secretariat. These eight (Volumes 31-38) are scheduled for publication in 1988. Six volumes are scheduled for publication in 1989.

## 4. Topics for Future Commission Goals

The question on the overall operation of the Commission's work was raised. A number of issues were addressed. They include the need for a more focussed approach in the planning of volumes as regards subject matter and content. The Analytical Division President G. H. Nancollas suggested new topics such as biotechnology and mineralogy. Environmental (insecticides) concerns and drug technology were suggested by R. P. T. Tomkins. The need to enfold loose data sheets into volumes was also noted. G. Hefter suggested an inventory of present holdings. W. E. Waghorne cited the problem of finding editors to produce focussed volumes. He suggested: a) Continuance of present approach and b) the mixing of new material with that already published in other volumes. Standardization and production of data sheets also came under discussion. R. P. T. Tomkins' task group plans to review requirements in this area. Finally, A. Maczynski suggested the publication of data on floppy disk, modelled after his "Floppy Book" concept. The Chairman established a task group under F. W. Getzen to study these problems and report on findings with recommendations at the 1989 meeting.

## E. Third ISSP Symposium

A. F. D. de Namor reported on the status of the Symposium. There were 120 registrants with 75 oral presentations and 30 poster displays.

Financially, the meeting was considered successful. Speaking for the Commission, the Chairman commended Profs. de Namor and Foggy for their excellent effort and thanked them for the warm hospitality extended to the Commission.

#### F. Meeting of Titular Members

The voting members (6) of the Commission met to elect a new Editor-in-Chief and to consider other housekeeping items. Prof. J. W. Lorimer was appointed as Editor-in-Chief. The Editorial Board was retained as is. The Editor-in-Chief's name will be removed from the title page and will be listed with the Editorial Board. A new introduction will be written for Volume 40. An attempt will be made to alternate meetings of the Commission between Europe and North America. Several sites are under consideration for the meeting and Symposium in 1990. Coordination with other groups as cosponsors will be examined.

#### G. Recruitment

English-speaking editors are still in short supply. The Commission members were urged to find new people for this task.

#### H. Data Automation Task Group Report

R. P. T. Tomkins gave a brief review of the history of the project. The situation resolves down to a need for a more focussed approach to just a numerical database with retrieval software as recommended by the IUPAC Committee on Chemical Databases. After suggestions by Tomkins on the need for circulating a questionnaire and the preparation of a demonstration disk, the discussion led to a further suggestion by A. Maczynski to adapt his software to the data. He offered to prepare a single data set using his system and was able to demonstrate that his software was compatible and easy to use. The task group was charged with the preparation of a demonstration disk which would be presented first at the next Commission meeting. If satisfactory, it would then be shown to the IUPAC Committee for approval and support.

#### I. Analytical Division "Think Tank" Initiative

G. H. Nancollas, Analytical Division President, presented a synopsis of aims covered under this new division approach. Basically, the Division was giving serious thought as to how best to respond to the current international chemical concerns. Flexibility was required in the present Commission structure to respond to new demands in chemistry. Two types of Commissions operating within the Division were suggested: namely, method-oriented and problem-oriented. Commission V.8 has already indicated its preference in a letter to the President in which a judicious mixture of the two approaches was recommended. A meeting of the "Think Tank" group will have taken place in September 1988, and some direction from the Division is due in June of 1989.

#### J. Time and Place of Next Meeting

The next meeting of Commission V.8 (15th) will be held on the occasion of the 35th IUPAC General Assembly at Lund University, Lund, Sweden, August 10-13, 1989.

#### K. Adjournment

The meeting was adjourned on August 22, 1988 at 4:35 PM.

### Section II. REPORTS ON RELATED COMMISSION ACTIVITIES

#### A. Reports by National Representatives

Australia - C. L. Young

Funds were obtained by the national representative for a 5-month visit by Prof. H. L. Clever in Australia. During his stay, Drs. Clever and Young were able to advance their mutual projects in Commission V.8. C. Young was also able to arrange for the review of three SDS volumes in "Chemistry in Australia," which is the news magazine of the Royal Australian Institute of Chemistry.

Austria - E. Wilhelm

An IUPAC Council has been created within Austria to promote IUPAC activity. This should have beneficial effects upon the Commission's work.

Belgium - J. Vanderdeelen

No new recruitment or work has been initiated in Belgium other than the work of the national representative.

Czechoslovakia - J. Hala

A review of Commission V.8 activities was published in the "Bulletin of the Czechoslovak Chemical Society." Responses for work in the drug and polymer field were received and were referred to the proper editors. Other responses for work in fields not presently under Commission attack will be saved for future directions. The work of two active members, namely, J. Hala and J. Eysseltova, continues.

Denmark - J. B. Jensen

No new work or recruitment took place. The work of the national representative is active and progressing.

Federal Republic of Germany - B. A. Wolf

Requests for reprints have been answered, and one new recruit from Czechoslovakia (Dr. Lopour, Institute of Macromolecular Chemistry, Prague) has been noted. The national representative continues to be active on his manuscript along with his collaborator.

India - C. Kalidas

The work of P. V. Subba Rao and the national representative was noted. A new volume has been initiated.

Japan - H. Miyamoto and H. Akaiwa

The work of H. Miyamoto was reported. He is presently working on his fourth volume. The national representative has been ill and therefore inactive.

Malaysia - K. H. Khoo

The work of the national representative and his coworker C. Y. Chan was reported. Two volumes are progressing well.

Poland - A. Bylicki

Approximately 14 Polish scientists are actively involved in Commission projects. They have contributed to many of the SRS volumes. Most of the work is in its terminal stages, and new efforts by these capable colleagues are sought.

USA - K. R. Bullock

The national representative seeks to become more involved in the Commission's efforts. She requests copies of correspondence from U.S. colleagues.

USSR - V. M. Valyashko

Considerable effort was reported by the national representative. Eleven volumes or contributions thereto are in progress with approximately 14 scientists involved. In addition, three new efforts involving other colleagues have also been initiated. A copyright agreement facilitating the involvement of scientists from the USSR is also under consideration by the Secretary-General of IUPAC.

#### B. Reports by Subcommittee Chairmen

Each subcommittee met as indicated in the agenda. Progress was assessed. A synoptic review on the status of volume publication and related activities is attached. Further details may be obtained from individual chairmen.