



M I N U T E S

of the third meeting of the Presidium of the International Society for Mine Surveying /ISM/ in Aachen on December 5 - 8, 1978

The ISM Presidium members have been invited to the 3rd meeting by the President's letter of May 17, 1978, announcing following programme of the meeting:

1. Ascertainment of the presence and quorum of the Presidium.
2. Approval of the minutes of the 2nd Presidium meeting in Belgrade on March 2 - 3, 1978.
3. Presentation of the modified Statutes according to the decision of the 2nd Presidium meeting.
4. Acceptance of new members.
5. Project of implementing provisions according to the Chapter XI, item 1, of the Statutes.
6. Consultation on establishment of commissions for special problems of mine surveying according to Chapter II, item 2b, of the Statutes.
7. Report on preparation of the IV International Symposium on Mine Surveying 1979 in Aachen.
8. Place and time of the next Presidium meeting.
9. Miscellaneous.

The programme of the meeting has been amended upon the President's suggestion as follows:

- 2a. Co-operation of ISM with the World Mining Congress and with FIG.

Following Presidium members took part in the meeting:

- H. Vosen - President - Federal Republic of Germany
- K. Georgiev - Vice-President - Bulgaria
- H. Spickernagel - Vice-President - Austria
- J.F. Aspeling - Republic of South Africa
- M. Dopita - Czechoslovakia
- K. Kangas - Sweden
- I. Klemencsics - Hungary
- E. Ludvigsen - Norway
- K. Neset - Czechoslovakia
- A. Parvaresh - Iran
- M. Patarić - Yugoslavia
- D.F. Rice - USA
- G. Vereshchagin - USSR
- J.C.R. Weeks - United Kingdom
- H. Zimmermann - Secretary General - Federal Republic of Germany

Guests:

- A. Arden /partly/ - Federal Republic of Germany
- K. Reichenbach /partly/ - Federal Republic of Germany
- H. Rawert /partly/ - Federal Republic of Germany
- J. Spettmann - Federal Republic of Germany
- H. Rosenbach /partly/ - Federal Republic of Germany

Opening the meeting, the Pro-Rector of the Rhein-Westfalen Technical University of Aachen, Prof.Dr.Dr. G. Gillissen, welcomes the present Presidium members and favours successful proceeding of the meeting. The Deputy Chairman of the Association of German Mine Surveyors, Mr. Reichenbach, conveys the greetings of the Association of German Mine Surveyors.

The President of ISM thanks the Pro-Rector and the Director

of the Institute for Mine Surveying, Prof.Dr.-Ing. Spettmann, for kind hospitality and preparation as well as arrangement of the meeting.

Mr. Dopita reaches today 50 years age. Mr. President congratulates him cordially on behalf of all present Presidium members and wishes him all the best in coming years.

Item 1

After ascertainment of the presence, Presidium's quorum has been established.

Mr. J.F. Aspeling takes for the first time part in the Presidium meeting as a delegate of the Republic of South Africa.

Following Presidium members having been hindered from the participation in the Presidium meeting have sent their regards:

- A. Chrzanowski - Canada
- G. Dalby - Australia
- Z. Kowalczyk - Poland
- J. Sammalisto - Finland
- B. Skinderowicz - Poland
- V. Švagr - Czechoslovakia
- A. Valverde - Spain

Item 2

Since last Presidium meeting in Belgrade took place, the Presidium members have been informed of the activities of the Executive Presidium by means of two circulars, i.e.:

- May 17, 1978 - Minutes of the 2nd Presidium meeting in Belgrade on March 6 - 9, 1978
- Invitation to the 3rd Presidium meeting in Aachen on December 5 - 8, 1978
- Programme of the 3rd Presidium meeting

October 19, 1978 - Materials for the 3rd Presidium meeting

The above-mentioned minutes were approved.

Mr. President thanks Mr. Švagr and Mr. Řezníček for assistance in translation of the minutes. The Presidium regrets that they cannot take part in the 3rd Presidium meeting and asks prof. Neset to convey them the best regards.

Item 2a

1. Co-operation of ISM with the World Mining Congress

Mr. President reports on his participation in the 43th meeting of the International Organizing Committee of the World Mining Congress. The most important results for ISM is seen from the excerpt of the minutes of this meeting /see Enclosure 1/.

Mr. President thanks Mr. Vereschchagin for the support during the 43th meeting of the International Organizing Committee and asks him to express his sincere thanks to the Russian colleagues for their kind reception in Voroshilovgrad.

2. Co-operation of ISM with FIG

The Presidium has been made acquainted with the present activity by chronological record of November 11, 1978, which is enclosed /see Enclosure 2/. Mr. President points out especially the last two items of this record documenting that not only the co-operation of ISM with the Commission 6 of FIG should be aimed at but it could be extended to other comparable FIG Commissions as well.

Prof. Spickernagel brings to the Presidium's attention that the direct contact should be maintained between the Presidents of both societies, whereas practical co-operation should proceed between the commissions. This, however,

presumes formation of special commissions of ISM, see item 6 of the meeting programme.

The Executive Presidium is considering in compliance with the Statutes the co-operation with other international societies and, therefore, letters have been sent to the Presidents of following societies:

- International Society for Rock Mechanics
- International Society for Photogrammetry
- International Society for Cartography

In the meantime, the President of the International Society for Rock Mechanics has answered and suggested as the first step of co-operation mutual information about the symposia, congresses, etc. Detailed information on the IV. Symposium on Mine Surveying in the News of the International Society for Rock Mechanics, No. 47, 1978, should be considered as the first result of this co-operation.

Item 3

The definition of the term "Mine Surveying" as approved at the 2nd Presidium meeting in Belgrade has been translated into French and Spanish. Translation into all five official languages of ISM /German, English, Russian, French, Spanish/ has been distributed to all participants.

Enclosure 1 of the letter of October 18, 1978, should serve for amendment of Statutes to be considered as necessary. The Chapters II, IV, VI and XI should be altered.

As to the Chapter II, the amendment of Mr. Vereshchagin is submitted. After a discussion, following wording of the Chapter II has been accepted:

II. Form and Purpose

1. The ISM is an association of specialists in mine surveying or in the fields belonging hereto.

2. The ISM is a non-governmental organization of C category /Mutual Information Relationship/ according to the letter of the Director General of UNESCO of June 22nd, 1977.
3. The ISM is a permanent member of the World Mining Congress accomplishing its activities as an independent international organization.
4. The ISM is no profit-making organization.
5. The purpose of the ISM /see the former item 2/.
6. In order to realize the aims of the ISM, national associations or sections of mine surveyors in the respective national organizations should be constituted, unless they already exist. They delegate a member in the ISM Presidium, as a rule.

/The former item 3 is deleted./

As to the Chapter IV. "Membership", the first sentence of the item 2 should be kept as in the original version.

The amendment of the Chapters VI and XI as suggested in the Enclosure 1 of the letter of October 18, 1978, has been accepted.

The Executive Presidium is entrusted with elaboration of a new version of the Statutes with respect to the above-mentioned amendment, its translation into the five official languages of the ISM and distribution to all Presidium members as soon as possible.

Moreover, the final version should be distributed to all participants of the IV. Symposium on Mine Surveying and must be approved by the Members' Assembly.

Item 4

Continuation of co-operation with the ISM is announced in

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May 1978 by the

Mine-Surveying Section of the Association of Hungarian Miners and Metallurgists /OMBKE/

Delegate: I. Klemencsics

Following applications for incorporation in the ISM have been submitted:

1. Association of Mining, Geology and Metallurgy Engineers and Technicians of Yugoslavia, Mine-Surveying Commission, November 25, 1978
Delegate: M. Patarić
2. Asociación Colombiana de Ingenieros Geólogos de Minas, de Metallurgía y de Petroleos /AGEMPET/, January 3, 1978
3. Czechoslovak National Committee of World Mining Congress, Sub-Committee for Mine Surveying, November 27, 1978
Delegates: K. Veset and M. Dopita
4. Institute of Mine Surveyors of South Africa, October 13, 1977 /put aside at the 2nd Presidium meeting/
Delegate: J.F.Aspling

The applications of Hungary, Yugoslavia, Colombia and Czechoslovakia are accepted unanimously.

The discussion on the application of the Institute of Mine Surveyors of South Africa resulted in following conclusions:

1. The Institute of Mine Surveyors of South Africa is a non-governmental scientific association of mine surveyors.
2. The Republic of South Africa is represented in the Organizing Committee of the World Mining Congress by its National Committee.
3. Other scientific bodies of the Republic of South Africa are attached through their membership in non-governmental

international organizations such as FIG and International Society for Rock Mechanics to UNO or UNESCO.

Mrs. Vereshchagin , Georgiev, Klemencsics, Neset and Dopita do not take part in the vote regarding the above-mentioned proposal.

Mr. Patarić agrees, in principle, with entering of the ISM in scientific touch with the Institute of Mine Surveyors of South Africa. But, he considers this proposal as pre-mature and votes, therefore, against the incorporation.

Mr. President announces that there exist written consents of Canada's and Finland's delegates to incorporation.

Mr. Rice explains that he understands, to a certain extent, different viewpoints but, on the other hand, the incorporation of the Institute of Mine Surveyors of South Africa should be aimed at with respect to the importance of this institution which it has more than 50 years.

When voting, the proposal has been accepted with a single counter-vote.

The Vice-President of ISM, Mr. Georgiev, reports on his contacting the representatives of mine surveying in the German Democratic Republic /see item 9 of the minutes of the 2nd Presidium meeting in Belgrade/.

There exist not yet any written reply to the letter on Mr. Rauhe, but a personal discussion took place. Accordingly, the Executive Committee is asked for to send the respective materials on the ISM to Mr. Rauhe.

The contacts with Zambia, Peru and Bolivia which already have been established should be re-newed by repeated sending the written materials /e.g. the new version or the Statutes/. Mr. Chrzanowski /for Peru/ as well as Mr. Rice and Mr. Lengemann /for Bolivia/ are asked for because of their personal con-

tacts in the above-mentioned countries to support this campaign.

Mr. Georgiev is prepared to contact the respective authorities in Rumania for re-intensifying the co-operation with this country.

All Presidium members are asked for to utilize their personal contacts with colleagues from those countries which have not yet their representatives in the Presidium for realizing respective connections. Mr. President suggests to enter in correspondence with those members of the Organizing Committee of the World Mining Congress, whose countries are not yet represented in the Presidium. They would be asked for to contact persons or institutions acting in mine surveying.

Item 5

Discussions on the project of implementing provisions of the ISM Statutes according to Chapter XI, item 3, which were enclosed to the President's letter of October 18, 1978, /Enclosure 2/ bring some small amendments as follows:

Item 1 c: the word "at least" should be replaced by the word "if possible".

Item 1 e: the sentences 2 and 3 are deleted.

Item g is supplemented by the sentence: "Moreover, all resting Presidium members should announce such events to the Executive Presidium."

Items 2 a and 2 f: the word "language" is always replaced by the words "symposium language".

This amended version of the project of the implementing provisions having been approved by the Presidium will be enclosed.

sed to the new version of the Statutes and submitted to the Members' Assembly in 1979 for approval.

Item 6

The Executive Presidium has submitted in the Enlosure 3 of the circular of October 18, 1978, proposals for establishment of commissions for special areas of mine surveying asked for according to the item 6 of the programme of the 2nd Presidium meeting in Belgrade. Following amendment resulted from the discussion on this proposal:

Commission 2: Geometry of mineral deposits - description, mapping, calculation of reserves, archivation

Commission 3: Mine-surveying instruments, surveying and evaluation methods, mining cartography

Commission 5: Relationship between mining and regional planning

The remaining text has been approved by the present Presidium members with the alteration of the last but one item where the wording "prior to each Presidium meeting" should be replaced by "once a year".

The wording amended as mentioned above will be enclosed to these minutes /Enclisure 3/.

The delegates should submit suggestions how to staff the commissions in their countries. The names of appropriate colleagues should be announced to Mr. President as soon as possible after approval, if need will be.

It would be advisable to introduce the commissions at the occasion of the IV. International Symposium on Mine Surveying in Aachen and to appoint there the chairmen and vice-chairmen.

Item 7

Mr. President announces that approx. 1200 copies of the first information on the IV. International Symposium on Mine Surveying were distributed. The Chairman of the German Association of Mine Surveyors, Mr. Rawert, summarizes once more the planned course of the Symposium. He especially points out that the ceremonial evening meeting and festive evening "Centenary of the German Association of Mine Surveyors" as well as the whole day's excursion to the Rhine Shist Mountains will incur no extra expenses for the symposium participants.

A question was raised, whether foreign firms can be acquired for participation in the exhibition. Would it be so, an announcement should be sent to the Executive Presidium as soon as possible.

Prof. Spettmann being responsible in the Organizing Committee for the programme of lectures reports on the number of announced contributions. Totally, 124 contributions have been announced which are distributed into the individual topics as follows:

Topic 1:	19
Topic 2:	21
Topic 3:	40
Topic 4:	40
Topic 5:	4

Distribution according to the countries:

Australia:	1
Bulgaria:	5
Czechoslovakia:	9
Finland:	1
German Democratic Republic:	2

Hungary:	16
India:	4
Iran:	1
Norway:	1
Poland:	30
South Africa:	5
United Kingdom:	6
USA:	1
USSR:	11
Yugoslavia:	1
Federal Republic of Germany	30

The authors and titles of the announced contributions will be published in the final invitation. All contributions will be printed out and passed on to the Beach Symposium participant in the folder. Detailed instructions for writing the typescript will be sent to each author even in this month together with the inquiry whether the author wants to give the lecture personally or whether he wants only its publication in the Proceedings. As, according to the experience, all 124 announced contributions will not be probably sent, the Organizing Committee believes to be able to include all lectures into the programme.

As no contribution in French has been announced till now, translation into this language can be deleted. This will enable considerable cost saving.

Approximately in April 1979, final invitations will be sent with detailed programme of the Symposium. Registration form as well as room booking form will also be annexed to. The Executive Presidium will send these invitations to all lecturers. In order to be able to send the invitations to other colleagues interested in the Symposium participation as well,

a short questionnaire for all delegates will be enclosed to the minutes. Answer to following questions is asked for:

1. How much invitations and in what language are necessary for the country in question?
2. Announcement of personages of utmost importance for mine surveying to whom the complimentary card of participation should be sent. Such honorary guests have not to pay the Symposium fee. However, all other expenses should be covered out of their own means.

Item 8

The Executive Presidium suggests to arrange the 4th meeting of the Presidium on September 26, 1979, at 9 a.m. in Eurogress Aachen.

MF. Vereshchagin is asked for to examine at home whether the 5th meeting of the ISM Presidium in 1980 could take place in Leningrad.

Item 9

Mr. Weeks reports that the British colleagues are willing to arrange the VI. International Symposium on Mine Surveying approx. in 1985. Mr. President thanks British colleagues for this invitation on behalf of all present Presidium members.

Mr. Zimmermann announces that the journal of the German Association of Mine Surveyors "Das Markscheidewesen" - former "Mitteilungen aus dem Markscheidewesen" - will be issued in larger size and new layout. The Publishers Glückauf, Essen, will put a free copy at disposal of all ISM Presidium members and announce the possibilities of the journal subscription. The German Association of Mine Surveyors as the editor would appreciate the receipt of scientific as well as practice-oriented contributions for publication. Prof. Hans

Spettmann, Mine Surveying Institute of the Technical University Aachen, Wüllnerstrasse 2, D-5100 Aachen, has been appointed editor-in-chief of the journal "Das Markscheidewesen".

Mr. Aspelng announces that the Journal of the Institute of Mine Surveyors of South Africa is already issued more than 20 years bringing contributions from mine surveying science and practice. Those being interested in the subscription should apply to Mr. Aspelng.

Mr. Chrzanowski has sent following written notice: "I would like to support the suggestion of the Belgrade meeting that ISM should publish once a year a report or bulletin on mine surveying activities in the member countries. Each national representative should be asked to submit once a year a short report on the major events and developments in mine surveying in his country. The reports should be submitted in a uniform and prescribed format so that only xeroxing would be required to put all the reports into one volume for distribution to all the member countries."

This less expensive kind of informing all member countries of the events in mine surveying all the world round is appreciated by all participants. The Executive Presidium is asked for to call upon the delegates to submit at the beginning of each year in due time a short written report on the events in mine surveying in the past year.

Mr. President announces that a national conference on mine surveying with international participation took place in Bulgaria. As its date coincided with the 43th meeting of IOC, he could not accept the invitation of Bulgarian colleagues to take part in the conference. There have been presented 65 lectures including 23 lectures of foreign colleagues.

Short communications on the scientific activities of the Institute of Mine Surveying of the Technical University Aachen have been presented during the 3rd meeting of the ISM Presidium. A visit of the Institute has been appreciated.

Moreover, a sightseeing tour through the historical center of the town of Aachen took place. The participants had the opportunity to be acquainted with the rooms in Eurogress Aachen, where the IV. International Symposium on Mine Surveying 1979 will be arranged.

Concluding the meeting, Rheinische Braunkohlenwerke AG arranged an excursion to open pits Hambach and Fortuna including the visit of the information centre of Rheinische Braunkohlenwerke AG where short communications on the mine surveying operations in brown-coal opencast mining were presented.

Note: The minutes will be translated into English and Russian and sent to all Presidium members.

Aachen, December 8, 1978