

The 30th ISM Presidium Meeting
September 9 – 13th 2002
Glamorgan University, Britain

Minutes

Members of ISM Presidium

Prof.Yu Changxing – President, China
Dr.Kalman Baratosi – Vice President, Hungary
Prof. Bernard Drzezla, Poland
Mr.Vitaliy Mamrov, Kazackstan
Prof.Axel Preusse, Germany
Dr.Jurgen Palm (Honorary Member) Germany
Dr.Alojzy Dzierzega, Switzerland
Mr.Gary Bardill, United Kingdom
Mr.Carl Vender, USA
Mr.Gilbert Bordonne, France
Mr.Martin Vrubel, Czech Republic
Mr.Karel P Landman, South Africa
Dr.Andrew Jarosz, Australia
Dr.Halim Setan, Malaysia
Prof..Ranko T. Todorovic, Slovenia
Dr. Erik Ludvigsen, Norway
Dr. B.Ranjbar, Austria
Prof.Shi Jinfeng, China

Guests and other participants

Mas.Yuan Yuefeng, China
Ms.Aleksandra Wagner Poland
Dr.Ralf Schulte, Germany
Prof.Jacek Szewczyk, Poland
Dr.Jadwiga Maciaszek, Poland
Dr.Gareth Powell, United Kingdom
Mrs.Helen Leighfield, United Kingdom
Mr.Keith Leighfield, United Kingdom

1 Opening

ISM President, Prof. Yu Changxing, welcomed the members of ISM Presidium and guests on behalf of himself and the Vice President Dr. Kalman Baratosi. The President then introduced his Secretariat Members, Prof. Shi Jinfeng and Yuan Yuefeng from China.

Mr Gary Bardill as the UK representative outlined the programme for the day and welcomed everyone who had travelled to Wales to attend the Presidium meeting.

2 Apologies for absence

The President announced the names of Presidium members who had provided notification of absence. Attendees were asked whether or not they were aware of any other members who were unable to attend the Presidium meeting. The following members were identified:-

Dr.J.Novac (Czech Republic), Mr.Tony Pivac (Australia), Mr.Carl Boman (Sweden), Mr.Mike Livingstone-Blevins (South Africa), Prof. J Chwastek (Poland), Mr.Jock Campbell (Australia), Prof. A Chrzanowski.(Canada),Dr.G. Graczka(Hungary), Prof.Tao Huaxue(China).

3 Membership

Dr.Ralf Schulte provided the Presidium with a list of ISM members and their contact details. The President of ISM agreed that the list would be circulated to update its content.

Three new ISM Members were introduced to attendees by the President:-

1. Dr.Halim Setan from Malaysia
2. Dr.Andrew Jarosz from Australia
3. Mr.Karel Landman from South Africa

Each of the new members introduced themselves to the Presidium members and Mr.Karel Landman asked the Presidium to use the contact address of the President of the Institute of Mine Surveyors in South Africa for the ISM website and not the name of an individual.

A group of visitors from Vietnam met President Yu at the Liaoning Technical University earlier in the year and discussed the possibility of becoming members of ISM. An application for membership from Vietnam was anticipated and the Presidium members agreed that there was to be an “acceptance in principle” of the proposal for Vietnam to become a member of ISM.

4 Membership Certificates

The President reiterated the decision taken in Taian in 2000 that all Presidium and Commission members should be conferred with membership certificates. The President then gave Presidium member certificates to Mr.Martin Vrubel, Czech Republic together with Commission member certificates. Presidium member certificates were also given to Mr.Karel Landman, Prof.Ranko Todorovic, Dr.Halim Setan, Dr.B.Ranjbar, Dr.Andrew Jarosz and Dr.Erik Ludvigsen, Mr. Vitaliy Mamrov.

5 ISM Statutes

Dr. Juergen Palm distributed a discussion paper on proposed revisions to the ISM statutes and then explained the proposed revisions .

In the discussion that followed Dr. Andrew Jarosz asked which of the two archives for ISM records was the primary archive. In response Dr Juergen

Palm advised that the Ostrava archive was more extensive than that at London and this was confirmed by Gary Bardill.

Mr.Martin Vrubel advised the meeting that a list of documents held at the Ostrava archive was available on the website www.sdmg.cz

The Presidium agreed that items 1 and 2 on the discussion paper produced by Dr.Juergen Palm should go forward as changes to the ISM Statutes at the ISM Congress in China in September 2003, subject to minor text modifications.

Prof. Ranko Todorovic asked for clarification of item 3 to ensure that when a Commission Chairman was absent the appointment of an “Acting Chairman” would be temporary, this was agreed by the Presidium members.

Mr.Carl Vender agreed to work with Mr.Gary Bardill to review the translation of text in the revised statutes into the English language.

Members of the Presidium agreed to seek the support of ISM members for proposal 3 from Dr.Juergen Palm’s discussion paper at the ISM Congress meeting in Fuxin, China in 2003.

6 Report on Working Conference of Commission Chairmen

The President referred to the Working Conference of Commission Chairmen in China during May 2002 and circulated a summarised report. Mas.Yuan Yuefeng then explained the six topics considered by the members of the Working Conference during their visit to China.

7 Report on ACSM – FIG Conference 21st – 24th April 2002

Mr.Carl Vender attended the FIG meeting in Washington DC in April 2002 as a representative of ISM. His report on the ACSM- FIG conference was distributed and Mr.Vender outlined the primary activities drawing attention to the International standards that could be found on website www.iso.org. These standards contained a section relating to mining terms (ISO-TC82).

Dr.Ralf Schulte identified that representatives from ISM, IAG, ICA, IHO, ISPRS and ICEC attended the FIG conference and gave a presentation relating to the Memorandum of Understanding that existed between ISM and FIG. Anyone interested in the detail of the Memorandum of Understanding can examine it on the ISM website.

Dr. Ralf Schulte reiterated the need for ISM to have standardised mining terms and to fully participate in the work of FIG on International Standards. Reference was also made to the work of Commission 6 on FIG and he then identified the need for an ISM representative to attend the FIG conference in Greece in May 2003. It was also suggested that an invitation should be given to FIG to send a representative to the ISM Congress in Fuxin in September 2003.

Dr.Ralf Schulte asked the Presidium to discuss the implementation of improved cooperation between ISM and FIG. In response Dr.K.Baratosi made reference to the work of Commission 4 of ISM on standards. There was a

general discussion on standards and everyone recognised the need for further work on the preparation of agreed International standards.

In the discussion relating to improved communication it was agreed that Dr. Ralf Schulte would ask FIG to establish a link with the ISM website. It was also established that several ISM members were already members of FIG and that the President of ISM could nominate a representative to speak on behalf of ISM when there was a specific request for an ISM presentation. Following further discussion it was agreed that a representative from ISM would give a presentation to the FIG conference in May 2003 identifying the work undertaken by ISM members. The President of ISM would also invite a member of FIG to attend to ISM Congress in Fuxin in September 2003.

8 XIIth International Congress, Fuxin, China, September 2003

The President of ISM advised Presidium members that a representative from the Earth Science Department of UNESCO and 8 other International organisations would be invited to attend the Congress in Fuxin. Presidium members were given copies of the first notification for the Congress to distribute to Commission and other ISM members as well as guests to encourage them to register for the Congress.

Prof. Shi Jinfeng (Director of President Secretariat) addressed the Presidium members and invited them to the XIIth International Congress, Fuxin, China in September 2003. The preparatory arrangements for the Congress were explained together with the programme of events at Fuxin and Beijing. The second notification from the organising committee would provide better particulars including flight details. In response to a question from Prof. Axel Preusse the President of ISM said that delegates needed to arrive for registration at Fuxin but would be transported (free of charge) to Beijing for the second part of the Congress. The post congress tours would be circular routes from Beijing.

Dr. Andrew Jarosz identified that the ISM Congress would clash with the planned Unifying National Spatial Sciences Conference in Australia. This was unfortunate but the dates of both events could not be changed.

Dr. Juergen Palm asked for the second notification to be circulated as soon as possible to enable authors of technical papers the maximum amount of time for preparation.

Prof. Shi Jinfeng distributed a brochure relating to the academic opportunities at Liaoning Technical University together with a brochure on the City of Fuxin.

9 Remembrance of the 11th September 2001

Mr. Carl Vender thanked attendees for the support offered to people affected by the tragic event in New York on the 11th September 2001. At 10.00am UK time there was a minute's silence in remembrance of those who lost their lives.

10 Reports from Commissions

Commission 2 – Prof. Axel Preusse

The most recent meetings were in Krakow, Poland and Valenje in Slovenia. At both venues there were joint meeting with other commissions. The technical papers given at Valenje will be published in the near future. Concern was expressed about the growing trend for discussions at Commission meetings to focus on declining mining areas. Instead it would be far better for future meetings to focus on expanding mining operations. Prof. Axel Preusse also expressed the view that Commission meetings were becoming more regional and asked for guidance from the Presidium relating to the creation of broader International meetings. There was widespread support for improved regional meetings and it was concluded that broader International discussions should take place in conjunction with Congress meetings.

Commission 3 - Prof. Ranko Todorovic

The most recent meetings were in Heerburg, Switzerland (arranged through Dr Alojzy Dzierzega), and Valenje in Slovenia. More than 20 papers were presented at Valenje and these will be published in the transactions of the University, with copies provided to all participants and the Ostrava archive.

Commission 4 – Prof. Bernard Drzezla

The commission meets at least once a year and in recent times these have been linked with other commission meetings. The last meeting was in Valenje in June 2002. Thanks were expressed to Prof. Ranko Todorovic for the excellent content of the programme in Valenje.

Another meeting had been held last year in Poland in association with the so-called Days of Mine Surveying. The next planned meeting will be in conjunction with the International Congress in Fuxin, but another meeting may take place earlier in either Germany or Poland.

Commission 5 – Mr.Martin Vrubel

Four papers were given at the last meeting of the Commission held in Teplice in the Czech Republic. Discussions also took place on the archive records and the need for a permanent secretary. Technical visits also took place in the towns of Klášterec nad Ohří and Karlovy Vary.

Dr.Alojzy Dzierzega asked for Commission Chairmen to give consideration to the preparation of reports on recent Commission activities together with a programme of proposed activities. Prof. Axel Preusse confirmed on behalf of the Commission Chairmen a willingness to implement this proposal, which was then endorsed by the President of ISM. The Commission Chairmen were asked to provide their reports before the closure of Presidium events at Glamorgan University.

11 Selection and Appointment of New Chairmen for Commission 1 and 2

The President of ISM stated that Commission 1 had not met for 4 years and no communication had been received from the commission Chairman. The ISM President would try again to contact the outgoing Chairman of Commission 1

and it was proposed that Prof. Axel Preusse should become Chairman of Commission 1 and continue as acting Chairman for Commission 2. Prof. Axel Preusse had authority from the Presidium to call a meeting of Commission 1 and it was agreed that the ISM webmaster would become the responsibility of Commission 1. He also needed to ensure that elections took place in both Commissions to enable the names of the elected Commission Chairmen to be announced at the International Congress in Fuxin, China in September 2003.

In the ensuing discussion it was revealed that similar problems were likely to exist in Commission 3 and the question of the re-election of all Commission Chairmen was discussed. It was proposed that the Chairman of each Commission should be the subject of an election every three years.

12 The creation of ISM Commission 6

The President of ISM announced that there were 39 countries represented within ISM and membership was increasing annually. The scope of work undertaken by Mine Surveyors was expanding and it was therefore appropriate to examine the structure of ISM. It was proposed that a sixth commission be established to look at social, economic and cultural matters in relation to past mining areas. This was reinforced at the Working Conference in the coal mining area of Fuxin in China in May of this year where it was concluded that more needed to be done to address the problems associated with the abandonment of mining operations, because there are such problems also in other mining countries. Thereby, on Working Conference of Commission Chairmen, with the Poland representatives' suggestion, a proposal was made: ISM should create a new Commission.(see Summary item 3).

In response Mr. Carl Vender suggested that the President of ISM should appoint a chairman of a Special Commission to look at the problems associated with the abandonment of mining operations. Dr. Karel Landman suggested that the work of the Special Commission should also re-examine the topics covered by the existing Commissions. Mr. Martin Vrabel, Prof. Ranko Todorovic, Dr. Halim Setan, Dr. Jurgen Palm supported these proposals. Dr. Erik Ludvigsen summarised the debate and suggested that a representative from China should be appointed as Chairman for this Special Commission. It was agreed that the President of ISM would appoint the Chairman of the Special Commission that would look at the problems associated with the abandonment of mines and the interrelationship with the work of the existing commissions. The Special Commission would present their findings at the Congress in Fuxin, China in September 2003, in particular the future structure of commissions.

13 Awards Committee for Achievements by Young Surveyors

Any young mine surveyor who will be attending ISM 12th Congress can submit a technical paper to the ISM Awards Committee that would comprise the Chairmen (or nominated representative) from the existing commissions working under the chairmanship of the Vice President of ISM Dr. Kalman Baratosi with secretarial support provided by China. Young Surveyors can be up to and including 40 years of age. Two best authors from the submission would receive a certificate and prize of \$500 from ISM.

14 Appointment of ISM Presidium Honorary Membership

The President of ISM asked the meeting to consider the appointment of Prof. J. Chwastek as an honorary member of ISM. Prof. Bernard Drzezla, Mr. Gary Bardill and Mr. Carl Vender spoke in support of this proposal and it was unanimously agreed by attendees.

15 Presidium Meeting in 2004 and Congress in 2006

Dr. Kalman Baratosi produced tentative proposals for the presidium meeting in 2004 in Hungary and the Congress in 2006 which would also be in Hungary. This was unanimously accepted and it was agreed that both events should occur in the month of September.

16 Presidium Meeting in 2005

Mr. Carl Vender put forward a tentative proposal for a Presidium Meeting in the USA in September 2005. The programme would include technical papers and tours for delegates together with a ladies programme. This proposal was unanimously accepted by the Presidium.

17 Presidium Meeting in 2007

Mr. Karel Landman offered to bring to the Fuxin Congress in China a tentative proposal for a Presidium Meeting in South Africa in 2007. The Presidium unanimously agreed with the proposal from South Africa.

18 Presidium Meeting 2008

Prof. Axel Preusse put forward a proposal for a Presidium Meeting in Germany in 2008 with the possibility of a Congress in 2012 this proposal was unanimously accepted by the Presidium members.

19 The ISM Website

Dr. Ralf Schulte demonstrated the ISM website (<http://www.ism.rwth-aachen.de>) to Presidium members. In response to a question from Prof. Axel Preusse the meeting was advised that further work was necessary to create a confidential section within the website for the use of ISM members. Dr. Andrew Jarosz asked whether or not a more user friendly website name could be used, this was possible, subject to the necessary funding being available from ISM.

The meeting agreed that it was important for technical papers relating surveying matters to be sent to Dr Ralf Schulte for inclusion on the website. Congratulations were given to Dr Ralf Schulte for the work he had undertaken in the preparation and maintenance of the ISM website.

20 Reports from Individual Countries

Mas. Yuan Yuefeng (represent President Yu)-- In China there are so many old mineral cities that the resource is becoming exhausted and many mines are closed. This is not only a technical and economical problem but also the

social problem. The nations have been continuing to explore the new mine base, meanwhile they are dedicated to transform the economical structure and seeking the new development direction and method. At present, among the coal mineral cities of China, Fuxin is one of the cities, which are catalogued to the “economic transformation trial city”. It were hope through ISM we can initiate exchange activities in the similar countries so that the previously proceeding cities may extend their advanced experience and the backward cities may benefit from their methods. We think that our just created Special Commission of ISM may bear this work.

Dr.Erik Ludvigsen (Norway) – referred to a proposed regional Scandinavian meeting next year.

Mr.Karel Landman (South Africa) - produced a written report introducing himself and outlining the role of the Institute of Mine Surveyors of South Africa and the work they undertook. He also reiterated the intention of hosting the ISM Congress in South Africa in 2009.

Prof. Ranko Todorovic (Slovenia) – reported that only one underground mine remained operational and expressed concern over the use of Civil Engineers instead of Mine Surveyors for tunnelling projects.

Dr.B.Ranjibar (Austria) – identified that the former Mine Surveying Department within his University was being absorbed into the Mining Department.

Prof. Axel Preusse (Germany) – advised the meeting that he would provide a written report shortly.

Mr.Gilbert Bordonne (France) – produced a statistical table showing the primary coal producers over the last 40 years attention was drawn to the changes in the identity of the main producers.

Prof.Bernard Drzezla (Poland) – advised the meeting that he would provide a written report shortly.

Dr.Halim Setan (Malaysia) – Malaysia is located in South East Asia with a total population of 22 million. In terms of economics, Malaysia has changed from an agricultural to industrial based, and lately into the information age. Malaysia is in the process of becoming a developed nation, hopefully by the year 2020.

The main mining activities in Malaysia relate to tin, oil, gas etc. Surveying work for mining activities is being carried out by licensed surveyors. At the moment, there is no specific degree course in mine surveying available, although one of the well-known universities in Malaysia, Universiti Teknologi Malaysia (UTM), offers courses leading to degrees in Geomatic Engineering, Geoinformatics and Remote Sensing.

Dr.Andrew Jarosz (Australia) – produced a written report which identified a “clean bill of health” within the mining industry of Australia. The industry covered a wide range of mining activities including metalliferous minerals gold, nickel, copper, iron ore, bauxite and coal.

The Institution of Engineering and Mine Surveyors Australia Inc. (IEMSA) was currently the primary Institution of Mining Surveyors. In September 2001 the federal government released the Spatial Information Industry Action Agenda which prompted the formation of the Spatial Sciences Coalition (SSC). A unifying conference leading to the creation of a Spatial Sciences Institute was also planned for the 22 – 27th September 2003 in Canberra.

Mr. Martin Vrabel (Czech Republic) – brown coal/lignite production had fallen dramatically 70Mt in 1992 to 50Mt in 2001, hard coal production was also falling. Last year there was a mineral resource conference which considered mine surveying and geological problems in different parts of the world.

Mr. Gary Bardill (United Kingdom) – reported that little had changed since the ISM meeting in Varna. The most significant announcement related to the proposed closure of the Selby coalfield in 2003. Many of the ISM members would remember the development of this coalfield in the 1970's. ISM members would also have the opportunity to meet RICS members on the 13 September at the University of Glamorgan where the technical papers would relate to mineral and waste management issues.

Following the decline in coal mining operations in the UK the number of universities now offering courses in mine surveying had reduced to two (Glamorgan and Camborne).

Dr. Kalman Baratosi (Hungary) – reported that some 14Mt of coal were being produced from open pit and underground mining operations. Most of the older mines had been closed because of economic and environmental problems. In Hungary there are 140 chartered mine surveyors.

21 Future of ISM

Dr. Jurgen Palm asked for clarification on voting rights at Presidium meetings. After discussion it was agreed that each Presidium member would have one vote with Commission Chairmen having an additional vote.

Prof. Axel Preusse distributed a letter from the Head of Mining Department at Leoben University. The letter contained criticism of the work of ISM and Prof. Axel Preusse was asked by the Presidium to send an appropriate response.

22 Any Other Business

Vice President Dr. Kalman Baratosi drew attention to the note that he had distributed to all attendees relating to an International study on the Regulations for Mine Surveying. He asked all those present to send copies of their national Regulations relating to the qualifications, rules and appointment of mine surveyors together with the Regulations regarding mine plan preparation to him at the Mining Bureau of Hungary in Budapest (kalman_baratosi@mbh.hu).

On behalf of the ISM President, Mas. Yuan Yuefeng asked for nominations for membership of the Special Committee to be brought to him within the next 24 hours.

Prof. Axel Preusse reminded all attendees to provide Dr Ralf Schulte with up to date contact details before departure.

The President of ISM provided details of the three new commission members from China

Mas.Yuan Yuefeng made reference to a request from Liaoning University of Engineering and Technology in Fuxin, China who wanted to become a member of ISM. After consultation with ISM Statutes it was agreed that this proposal was acceptable.

Vice President Dr.Kalman Baratosi thanked members of the organising committee for the Glamorgan Presidium meeting, for their work and as a mark of his appreciation gave them a gift.

The President of ISM thanked the UK organisers for their efforts in organising the Presidium meeting in Glamorgan University thanked members for their contributions and brought the formal proceedings to a close.

Recordors: Mr.Keith Leighfield ,UK ; Mas.Yuan Yuefeng, China

Sort out: President Secretariat

ISM President
Prof. Yu Changxing