



Международное Общество по маркшейдерскому делу

International Society for Mine Surveying

Internationale Gesellschaft für Markscheidewesen

## **Minutes of the 36<sup>th</sup> Presidium Meeting, 01 to 05 September 2008, Kimberley, South Africa**

### **1. Opening of the 36<sup>th</sup> Presidium Meeting**

Mr Livingstone-Blevins, President of the ISM, welcomed all to the meeting and thanked them for travelling the long distance to South Africa. A special welcome was given to guests, observers and first-time attendees.

He introduced Mr Udo Pfafferott, President of the Institute of Mine Surveyors of South Africa (IMSSA), Mr Alex Bals, Chairman of the Organising Committee for the XIV<sup>th</sup> International Congress and Mr Colin Bennett, Chairman of the Public Relations Committee of IMSSA – organiser of the Presidium meeting.

Mr Pfafferott, on behalf of IMSSA, welcomed all attendees and guests to South Africa, stating that it was a great privilege for IMSSA to be hosting the 36<sup>th</sup> Presidium meeting, after which he declared the meeting open, wishing all a successful and productive four days in Kimberley.

### **2. Confirmation of Attendees**

Attendees were requested to introduce themselves to the meeting, to assist new attendees with names, country of origin and ISM membership status of those present.

It was noted that the following people who were expected at the meeting had not arrived.

Prof Dr Andriy Antsyferov (Ukraine)  
Dr Vadim Antsyferov (Ukraine)  
Mr Abubakar Jajua (Sierra Leone)

### **Attendance Register**

<b>Name</b>	<b>Country</b>	<b>Position in ISM</b>
Alexander Zagibalov	Russia	Commission 4 member
Anatoly Okhotin	Russia	Commission 3 member Mandated representative for Mongolia (for this meeting)
Liudmila Okhotina	Russia	Guest / Accompanying person
Signar Nygård	Sweden	Presidium member
Erik Ludvigsen	Norway	Presidium member

Martin Vrabel	Czech Republic	Presidium member Chairman Commission 5
Dana Sládková	Czech Republic	Commission 5 member
Linda Bardill	United Kingdom	Guest – Presenter
Gary Bardill	United Kingdom	Presidium member
Fred Cawood	South Africa	Commission 1 member
István Havasi	Hungary	Presidium member Commission 1 member
Kálmán Barátosi	Hungary	Vice President Commission 1 and 5 member
Eva Barátosi	Hungary	Guest / Accompanying person
Michael Livingstone-Blevins	South Africa	President
Axel Preusse	Germany	Vice President Commission 1, 2 and 6 member
Ralf Schulte	Germany	Presidium member Chairman Commission 1
Andrew Jarosz	Australia	Presidium member Commission 1 and 4 member
Ryszard Hejmanowski	Poland	Presidium member Chairman Commission 4
Udo Pfafferott	South Africa	Guest President: Institute of Mine Surveyors of South Africa
Alex Bals	South Africa	Presidium member Chairman of XIV <sup>th</sup> Congress Organising Committee
Nigel Atkinson	Australia	Observer – Representative of the Australian Institute of Mine Surveyors (AIMS)
Frank Hart	USA	Presidium member Honorary member
Colin Bennett	South Africa	Guest Presidium meeting organiser

### 3. Apologies for Absence

Mr Livingstone-Blevins announced the names of Presidium members who had provided notification of absence and those who had sent their best wishes for a successful meeting.

Frank Hart (USA) announced the apologies and best wishes of Carl Vender (USA).

The following Members provided written apologies and best wishes in advance of the meeting:

Prof Dr Reshat Kuka	(Albania)
Dr Juergen Palm	(Germany)
Prof Gerhard Mayer	(Austria)
Mr Juergen Mayer	(Switzerland)
Prof Yu Chang Xing	(China)
Prof Alojz Kopáčík	(FIG Representative)
Prof Victor Gordeyev	(Russia)
Prof Dorj Dondov	(Mongolia)

**4. Acceptance of Agenda**

The Agenda was accepted with the addition of the following two items:

**20. Relevance of the ISM**

**21. Germany; Presidium meeting – 2011 and XV<sup>th</sup> International Congress - 2013**

**5. Obituaries**

No obituaries were noted for the period October 2007 to September 2008.

**6. Confirmation of Voting Rights**

For the benefit of new members, guests and observers, voting rights were confirmed by Mr Livingstone-Blevins and members present.

- Each member country has a single vote.
- Each Commission Chairman has an additional vote.
- Observers (and guests) may not vote (but were encouraged by Mr Livingstone-Blevins to actively participate in the meeting).

**7. Admission of New Members**

Mr Livingstone-Blevins informed the meeting that in terms of the Statutes of the ISM, the Chairman of the Organising Committee is a non-voting Member of the Presidium. The admission, as Presidium Member, of Mr Alex Bals (South Africa) - Chairman of the Organising Committee, was noted.

**8. Proposals of Honorary Membership**

Mr Livingstone-Blevins proposed Honorary Membership for two Presidium Members, namely Vice President (former president) Dr Kálmán Barátosi (Hungary) and Dr Erik Ludvigsen (Norway). Both nominees were requested to leave the meeting while the proposal was discussed and voted upon.

In the case of Dr Barátosi, it is customary to confer Honorary Membership to the former president. The proposal was unanimously accepted.

In the case of Dr Ludvigsen, Mr Livingstone-Blevins stated that ISM minutes show that in 2008 Dr Ludvigsen had been an active and dedicated member of the Presidium for 25 years. The proposal was unanimously accepted.

Dr Barátosi and Dr Ludvigsen were recalled to the meeting and congratulated on their new Honorary Member status. The meeting was informed that formal presentation of diplomas would take place at dinner at the Kimberley Club.

## 9. Correspondence

Mr Livingstone-Blevins tabled the following correspondence for the record:

- Letter of introduction from the (new) President of the ISM to the Chairman of the World Mining Congress.
- Letter of condolence from the President of the ISM, on behalf of the ISM, to the People's Republic of China following the devastating Sichuan earthquake.
- Letter of invitation from the President of the ISM to the Australian Institute of Mine Surveyors to nominate a representative to the ISM and to attend the 36<sup>th</sup> Presidium Meeting in South Africa.
- Letter from the President of the ISM, on behalf of the ISM, to the Chairman of the World Mining Congress (WMC), wishing the WMC a successful 21<sup>st</sup> Congress and Expo in September 2008.
- General correspondence between the President of the ISM and the FIG representative, Prof Alojz Kopáčík.
- An enquiry received from Dr Barátosi, regarding a request to invite the Minister of Mines of the Kingdom of Lesotho to attend the 36<sup>th</sup> Presidium Meeting in Kimberley, South Africa.
  - The decision communicated by the President to Dr Barátosi was that Presidium Meeting was a working meeting of the ISM and was therefore not the correct forum for discussion with the Minister of Mines. A separate meeting should be arranged.

## 10. Approval of Minutes of the 35<sup>th</sup> Presidium Meeting

Mr Livingstone-Blevins confirmed that all Presidium Members had received the Minutes of the 35<sup>th</sup> Presidium Meeting with their invitation to attend this meeting, and that the minutes had been available on the ISM website.

Two changes were made to the minutes, to correct the date of the meeting to 24 September 2007 (not November as stated in the minutes), and to correct the name of Prof Preusse's wife to Dr Silvana Preusse (not Lilyana as stated in the minutes), following which the minutes were accepted without dispute as a complete and accurate record of the 35<sup>th</sup> Presidium Meeting.

There were no matters arising from the minutes (that were not covered by the Agenda of this meeting).

## 11. Report by the Language Committee

### **Special Note:**

- *This meeting differed significantly from previous meetings in that all participants could understand and speak English.*
- *Throughout the meeting Mr Livingstone-Blevins took care to speak clearly and frequently summarise discussions to ensure mutual understanding.*
- *In the absence of Prof V Popov, Russia was represented by Prof A Okhotin and Prof A Zagibalov.*
- *Ukraine was absent.*

Mr Livingstone-Blevins stated that he was very sensitive to the issue of language in the ISM and that he did not wish to alienate any person or country as a result of further debate or decisions on the subject.

From discussion it was apparent that the issue of language involved English and Russian. All other member-country representatives at the meeting (China absent but Prof Yu Chang Xing can read, speak and write English) are able to communicate effectively in English.

Prior to this meeting Dr Ludvigsen received the mandate from members of the Language Committee to re-submit the language proposal tabled at the 35<sup>th</sup> Presidium Meeting on 26 September 2007. The following is an extract of the proposal from the minutes:

“The task of the language Commission has been to consider if ISM should reduce the number of official languages to one: English. This is the norm in many other technical societies.

The Commission supported the idea, but decided as a first step to recommend that English would be the working language and continue the evolution that has happened during the previous years.

Concerning the Congress:

All papers should have an English title and abstract.

We should encourage specialists who give the paper in Russian to translate to English the slides used, or to have the slides in both languages. The Commission also discussed details concerning simultaneous translation and the publication of papers between Russian and English. It was concluded that this would be a topic for consideration between the Russian speaking community and the organisers.

Concerning the Presidium and the Commissions:

Recognise that language is a barrier.

Establish during meetings the infrastructure that enables us to have both computer support and the support of colleagues for communication and the exchanges of ideas.”

Mr Bardill stated that he fully supported Dr Ludvigsen in his efforts to find a compromise on language for the ISM.

It was further stated that English was assisting progress (of work) in the ISM, as demonstrated at this meeting.

Prof Okhotin stated that language was a “technical problem” that could be overcome using an electronic interpreter (such as the one which he and Prof Zagibalov were using).

Dr Jarosz questioned how the proposal could be implemented without exclusion of non-English speakers, and how papers could be professionally translated without the financial means for such translation.

Dr Ludvigsen proposed that without changing the statutes, the Language Committee’s recommendations should be followed and that 2010 should be used to pilot an English Conference.

Mr Bardill stated Russia and “old Soviet Union countries” should be respected for their international influence, size of mining industry and importance to the ISM. Dr Schulte stated that the debate has to do with communication, not size.

At the request of Mr Bardill and Dr Ludvigsen, debate was suspended without decision, in order for “language rules” to be compiled for presentation to Members on 04 September 2008.

The meeting moved on to Agenda item 14.

On **04 September 2008** (following Agenda Item 20) the “language rules” compiled by Dr Ludvigsen, Prof Okhotin, Mr Bardill and Prof Cawood were tabled by Dr Ludvigsen and are reproduced as Section 1, 2 and 3 (verbatim) below.

### **Section 1**

- All meetings to be conducted in English – this includes Presidium and Commissions
  - Native speaking English are required to speak slowly and clearly at all times.
- All minutes for Presidium/Commissions to be produced in English and put on the website through Ralf Schulte.
- Any papers/correspondence/reports presented at Presidiums and Commissions to be in English.
- At the Congress all abstracts to be submitted in English for acceptance by governing body.

### **Section 2**

*(Not accepted due to unresolved wording – deleted)*

~~Two volumes of the proceedings will be prepared. The first for peer reviewed-English papers. The second for other accepted papers. The governing body must prepare the volumes of the proceedings for final publication according to the required standard. For final acceptance of Russian papers authors should consider translation in English.~~

### **Section 3**

- At the Congress, papers could be presented in either Russian or English.
- Russian presenters should translate slides or prepare slides in both English and Russian.
- No interpretation services will be provided at the Congress.

Section 2 of the proposed rules which was intended to encourage the peer-reviewed-publication of papers in English at ISM congresses (this is of particular importance for scientific recognition of academic authors), was vigorously debated.

Mr Livingstone-Blevins stated that the wording of Section 2 in its current form was open to misinterpretation and could be regarded as potentially discriminatory.

**Decision 1:** Section 2 to be excluded in its current form.

The “language rules”, excluding Section 2, were unanimously accepted as detailed below (by country, in alphabetical order)

- Australia                    A Jarosz (voted prior to leaving meeting early)
- Czech Republic            M Vrubel
- Germany                    A Preusse
- Hungary                    K Barátosi
- Norway                    E Ludvigsen
- Poland                    R Hejmanowski
- Russia                    A Okhotin
- South Africa              M G Livingstone-Blevins
- Sweden                    S Nygård (abstained but later accepted)
- United Kingdom        G Bardill
- USA                        F Hart

(The original hand written proposal signed by Mr Livingstone-Blevins and Prof Okhotin has been scanned and will be appended for the record.)

**Decision 2:**

- K Barátosi, M Vrubel and G Bardill are responsible for updating the Statutes for presentation to the Presidium in Mongolia in 2009, and the Members Assembly in South Africa in 2010.
- Every effort must be made to support effective communication in the ISM.
- The Congress in 2010 would be an English congress, to test the language proposals.

**14. Nominations and Acceptance of New Members to Commissions**

G Bardill (UK) reported that the RICS would be nominating one new member per Commission. Nominations would be made in November 2008, and Mr Livingstone-Blevins and webmaster informed of names by email.

The following nominations of new members of Commissions were tabled and agreed:

- Commission 1**                    Stephan Stocks (Germany)
- Commission 2**                    No new nominations received.  
E Ludvigsen informed the meeting that he would join Commission 2.
- Commission 3**                    Norbert Benecke (Germany)  
András Ládai (Hungary)  
Zoltán Tóth (Hungary)
- Commission 4**                    Alex Bals (South Africa)  
Wojciech Skoblinski (Poland)  
Jan Blachowski (Poland)  
Agnieszka Malinowska (Poland)
- Commission 5**                    Recruiting in progress. M Vrubel to report.
- Commission 6**                    No new nominations received.

## **15. Commission Working Plans and Reports**

### **Commission 1**

Dr Schulte reported on the upgraded website (visit <http://www.ism.rwth-aachen.de>)

### **Commission 1, 3 and 5**

Dr Schulte reported on the joint meeting of Commissions 1, 3 and 5 which was held in Aachen, Germany from 9 to 11 June 2008, at which it was agreed that the three commissions would work jointly on mine surveying best-practice guidelines for publication. The guidelines would be structured to follow the life-cycle of a mining project. Commissions 1, 3 and 5 would continue to hold joint meetings in future. Commissions 2 and 4 were invited to participate. (See website for meeting minutes and the Commission 1 report.)

Mr Livingstone-Blevins commended Dr Schulte and Mr Mayer (Chairman Commission 3 – absent) and Dr Vrubel (Chairman Commission 5) for their work to-date.

Dr Vrubel undertook to email a separate report for Commission 5 to the webmaster.

See “SME Handbook” below.

### **Commission 2**

Report not received - Chairman (Prof Popov) not present.

### **Commission 4**

Prof Hejmanowski reported on the activities of Commission 4. His presentation included an analysis of active/passive commission members and age distribution (for future recruiting). The commission held a meeting in Freiberg, Germany in May 2008 and plans a session on “Risk assessment and subsidence engineering” at the WMC in Crackow, Poland on 10 September 2008.

Mr Livingstone-Blevins thanked Prof Hejmanowski for his efforts to increase the activities of Commission 4 in accordance with its work plan that was published in March 2008.

### **Commission 6**

Prof Chang Xing was absent, however he did email a brief report on Commission 6 activities, the most significant of which is the 3<sup>rd</sup> Conference of Commission 6 to be held in China in November 2008. A conference report will be provided for the website.

### **SME Handbook**

Dr Schulte reported that he had received a request for the ISM to contribute to the updating of the SME Mining Engineering Handbook. Section 8.2 Mine Surveying of the current version focuses on geometric and photogrammetry information, with very little detail on other aspects of mine surveying. The section comprises ~ 25 pages which should be regarded as the target length for any update.



**Decision 3:**

- A team of English speaking ISM members to work as a group on the update. The team, headed by Dr Jarosz, will include Prof Cawood, Mr Bardill (or Dr G Powell), Prof Hart and Dr Schulte.
- The team will decide on content of the update which was proposed to include:
  - Introduction (role of mine surveying)
  - Geometric aspects
  - Coordinate and mapping systems
  - Role of quality assurance in 3D spatial information (from borehole survey accuracy through to mine design, planning and operations.
  - Mine surveying operations (with minimal differentiation between open pit and underground).
  - Deformation surveys (classic, automated, InSAR, etc.)
  - Glossary of Terms
- Dr Jarosz to liaise with SME Editor to confirm acceptable format.
- Other chapters of the handbook should be checked for references to mine surveying activities and updated accordingly.
- Dr Jarosz to keep Mr Livingstone-Blevins informed of content and progress.

**16. Report on Preparations for the XIV<sup>th</sup> International Congress, 2010**

Mr Bals reported that preparations for 2010 were on track and that discussions with two major sponsors were advancing well. He presented the information that was displayed at the IMSSA stand at the XIII<sup>th</sup> International Congress in Budapest, Hungary in September 2007, which showed the venue, local attractions and the invitation from the President of IMSSA to attend the Congress.

Prof Hart requested that a special rate be considered for students, to increase knowledge sharing and to assist in attracting young surveyors to the ISM.

**Decision 4:** Presidium Members must send contact lists to Mr Bals, to enable him to reach the largest possible audience with promotion material for 2010.

**17. Country Reports, Presentations and Information Regarding National Events of Interest (Agenda Items 17 and 18 combined)**

**USA** – Professor Hart provided details of two important events for surveyors in 2009 and invited all to attend:

- The American Conference on Surveying and Mapping, to be held in Salt Lake City, Utah from 20 to 23 February 2009 (visit <http://www.acsm.net>).
- The West Virginia Society of Professional Surveyors 41<sup>st</sup> Annual Convention, to be held in Morgantown, West Virginia from 26 to 28 February 2009 (visit <http://www.wvsps.org/convention>).

**Australia**

- Mr Atkinson, representing the Australian Institute of Mine Surveyors (AIMS) gave an overview of the functions of AIMS and the status of mine surveying in the states of Queensland and New South Wales, and the potential to grow membership in Western Australia. He stated that efforts

had been directed at making the AIMS website highly informative for its members (visit <http://www.minesurveyors.com.au>). Details of planned events are available on the website.

- Dr Jarosz reported on the Spatial Sciences Institute (SSI) which represents all branches of spatial science in Australia (visit <http://www.spatialsciences.org.au>). He notified all of the Australian Remote Sensing and Photogrammetry Conference to be held in Darwin, Northern Territory from 29 September to 03 October 2008.

### **South Africa**

- Mr Bals reported that the Institute of Mine Surveyors of South Africa (IMSSA) held a successful conference in July 2008. This is to be repeated in July 2009 (dates to be confirmed). Approximately 150 delegates are expected to attend. IMSSA encourages other mining professions to attend and present papers.
- Mr Livingstone-Blevins tabled a summary report on the status of mine surveying education, practice and legislation in South Africa. He included a summary of South African mineral commodity production for 2007 which provided details of production, sales and revenue. (See website for report).
- Mr Colin Bennett gave a very informative presentation on the ground movement monitoring system installed by De Beers around the Big Hole in Kimberley. The system integrates various movement sensors with GPS monitoring. Data telemetry allows for remote monitoring of stability/movement via internet. Of particular interest was that the hotel (venue of the Presidium Meeting) was located within the 100 year break-back limit of the Big Hole and that ground movement was monitored at the hotel.

### **Poland**

Prof Hejmanowski reported on the forthcoming WMC conference to be held in Crackow, Poland in September 2008, at which a special Commission 4 session will take place.

A national conference of mine surveyors (held every two years) is scheduled for 27 to 29 July 2009, details of which will be put on the ISM website. Approximately 120 delegates are expected to attend (of which ~ 80 should be mine surveyors).

Mr Livingstone-Blevins reported that he had received from Prof Szewczyk before the meeting, a very comprehensive and informative report on mining in Poland.

### **Germany**

Prof Preusse reported on the following:

- A mine closure conference to be held in Goslar from 09 to 11 November 2008. Approximately 300 delegates are expected to attend.
- The annual national mine surveyors association (DMV – Deutscher Markscheider-Verein) conference which will be held in Goslar in September 2009. Approximately 200 delegates are expected to attend.

### **Hungary**

Dr Barátosi tabled a report titled “Hungarian information regarding national events of interest to minerals surveyors” which provided details of the

Hungarian Mining and Metallurgical Society (OMBKE), meetings of its mine surveying committee and the Hungarian Mine Surveying Foundation.

Dr Havasi presented a paper titled “Present situation of the Bologna multi-cycle linear training system at the faculty (FACULTY OF EARTH SCIENCE AND ENGINEERING UNIVERSITY OF MISKOLC) and teaching tasks of my department (DGM) in this new training system (Havasi) and some important data about Hungarian mine surveying, mining production and supervised mines (Barátosi)”.

### **United Kingdom**

Mr Bardill reported on the International Minerals, Resources and Environmental Annual Conference 2009, to be held in Sheffield in March 2009, and the Hillhead 2009 exhibition to be held in Derbyshire from 23 to 25 June 2009.

Dr Linda Bardill presented a paper, co-authored by Dr Linda Bardill and Mr Gary Bardill, titled “The Decline and Regeneration of British Coalfield Communities”. The paper described the impact of closure of coal mines on communities and towns in the UK, and the successes which have been achieved by the National Coalfields Programme and the National Regeneration Agency in reclaiming land, developing commercial and residential properties, and job creation within affected communities, with particular reference to the regeneration of the town of Ollerton.

### **Czech Republic**

Dr Vrabel tabled a report titled “Report on the Czech Society of Mine Surveyors and Geologists’ activities 2007 – 2008”. The report included statistics on coal and mineral production, and student numbers in the Czech Republic.

### **Scandinavia (Norway, Sweden, Finland)**

Mr Nygård reported that the Nordic Mine Surveyors meeting, held every three years, is planned for the summer of 2009. Approximately 40 mine surveyors from Norway, Sweden and Finland are expected to attend.

### **Russia**

Prof Okhotin reported that a successful meeting of Commission 2 was held at the Moscow State Mining University annual “miners week”.

### **Mongolia**

Prof Okhotin reported on behalf of Prof Dondov (Mongolia) on the Presidium Meeting to be held in Mongolia (see Agenda Item 19. below).

## **19. Date and Place of Next Presidium Meeting**

Mr Livingstone-Blevins notified the meeting that Prof Dondov had formally authorised Prof Okhotin (Russia) to report on behalf of Mongolia.

Prof Okhotin confirmed the 37<sup>th</sup> Presidium Meeting of the ISM will be held in Ulaanbaatar, Mongolia from 21 to 26 September 2009. A registration form and provisional programme was provided (see ISM website).

The meeting will be organised by the Mongolian Association of Mine Surveying and the Mongolian University of Science and Technology.

Prof Okhotin advised that to travel to Ulaanbaatar, one could fly via Seoul, Beijing or Irkutsk.

## **20. Relevance of the ISM**

As a result of special strategy workshop initiated by Dr Ludvigsen on 01 September 2008, the topic of the relevance of the ISM was added to the Presidium Meeting Agenda for discussion. The workshop was attended by E Ludvigsen, N Atkinson, A Jarosz, R Hejmanowski, S Nygård, F Cawood, I Havasi, K Barátosi and M Livingstone-Blevins.

Mr Livingstone-Blevins called upon Dr Ludvigsen to start the discussion of the relevance of the ISM. Dr Ludvigsen raised numerous issues regarding the activities of the ISM, for example the category of UNESCO membership, cooperation with FIG and the decline of mining in Europe coupled with the emergence of new mining centres of influence such as China, Chile and South Africa. He questioned how long Europe could remain the scientific centre (of mining) based on the age profile of its academics, many of whom are members of the ISM.

Dr Schulte suggested that to increase membership of the ISM, it was very important for the ISM to ensure that the overall standard of conference papers improved. Publication of a paper by the ISM should be respected as an achievement, having passed a peer-review process. This would encourage authors to attend ISM congresses and would serve to advance the knowledge sharing objective of the ISM. He suggested a peer-review of papers that had for example a 20% rejection rate, to ensure a “high impact factor” for authors receiving publication approval.

Discussion returned to UNESCO. Mr Bardill stated that economic, social and environmental aspects of mine surveying were essential to raising the relevance of the ISM in UNESCO and to raise it to a higher tier (in order to receive UNESCO funding).

**Decision 5:** Mr Bardill to compile information on UNESCO for presentation at the next Presidium Meeting.

Mr Bardill suggested that the Agenda for future meetings should include presentations on issues of relevance such as the presentation made by Mr Bennett on ground movement monitoring.

Prof Hart suggested that in order to recruit young people, the ISM should communicate in a format which appeals to them, for example including a You-Tube posting or mining animations on the ISM website. Students could be used to produce the You-Tube film clip. The idea was supported. Mr Bals offered to assist Prof Hart.

**Decision 6:** Prof Hart will discuss the film clip production with students at his university and will liaise with Mr Bals on also making a film clip in South Africa.

**21. Presidium meeting – 2011 and XV<sup>th</sup> International Congress – 2013**

Prof Preusse confirmed that Germany would host the 39<sup>th</sup> Presidium Meeting in 2011 and the XV<sup>th</sup> International Congress in 2013.

He provided written confirmation of this undertaking from Dr Peter Goerke-Mallet, Chairman of the Deutscher Markscheider-Verein (DMV), in which it was confirmed that a committee had been constituted by the board of the DMV to plan the two events.

**22. 2012 Presidium Meeting Host Proposals**

The following host countries for the 2012 Presidium Meeting were proposed.

- Russia                      Prof Okhotin to discuss with Prof Popov
- Chile                        Mr Livingstone-Blevins to establish contact
- Botswana                  Mr Bals to discuss with colleagues in Botswana
- Australia                  Dr Jarosz to discuss with colleagues in Australia
- USA                          Prof Hart to discuss with colleagues in USA

**23. Closure**

Mr Livingstone-Blevins thanked all for a productive meeting.

The meeting was closed at 16h00.