

NOTES OF THE SAMREC COMMITTEE MEETING
HELD ON 22 FEBRUARY 2018 AT 09:45
MIDSHAFT BOARDROOM, MINING PRECINCT, CARLOW ROAD

Present: **K Lomberg (Chairman)**
 M Austin
 R Croll
 C Dohm
 A Macdonald
 T Marshall
 M Mullins

Dialling in: **G Chunnnett**

Apologies: **A Saliem**
 J Visser
 R Minnitt
 A Kinghorn
 De Bruyn
 T Rowland

In Attendance: **C Jardine (SAIMM)**
 Ann Donnelly (Scribe)

1. WELCOME

The Chairman welcomed everyone to the meeting and extended a special welcome to Mr Matt Mullins.

2. ACCEPTANCE OF PREVIOUS MINUTES

The minutes of the meeting held on 30 November 2017 were accepted as being a true reflection of proceedings.

3. MATTERS ARISING

Dr Marshall updated the meeting that members of GSSA were not on the list of RPOs at all. For the majority of people in South Africa this was not an issue, as they had to use the SACNASP registration. If people wished to use the GSSA, they could approach the GSSA to apply as an RPO. It had to be a live situation and this could take six months. This would then give GSSA permanent status as an RPO. Mr Mullins believed this sat with the GSSA to drive it forward. Until Dr Marshall had a live situation, she could not take any action.

4. KEY ACTIONS ITEMS

Mr Austin and Ms Flitton had been tasked with obtaining costs and different options regarding a SAMCODES app. Mr Austin reported that some demonstrations had been done on high-level apps and three different ways of doing this had been identified:

- Loading the whole Code
- Sub-dividing it into different categories
- Access via the web

and a decision had to be made on which option to choose. Mr Lomborg suggested that Table 1 should be highlighted and would take the user straight to the definitions. Dr Marshall advised that PLATO no longer existed. This would be the first Code to be on an app. The funding aspect would have to be resolved. Mr Mullins reported that Ms de Bruyn was very keen to assist with funding via the JSE and suggested that the app would include a link to the JSE listing rules. There was an indication from the JSE that they would like to get closer to SAMCODES. Ms de Bruyn was happy for SAMREC to run with it, as long as she was kept in the loop. The quote was for R7k. Mr Lomborg advised that it would also be necessary to work out how to distribute the app. The app could also be used to generate income via adverts, but care would have to be taken in this regard. Mr Austin would obtain a formal quote.

Action: Mark Austin

Members were again asked to assist with submissions to the SAMCODES website (two-page articles), it was requested that this remain on the key action items list. Articles should be submitted to Ms Moolla, Matt Mullins or Tania Marshall.

Action: All Members

Mr Tlala was not at the meeting to report back on investigating the training gap between graduates and competent persons.

Action: Mpho Tlala

It was confirmed that the 2019 Companion Volume Conference had been booked for August and details would be discussed at a separate meeting.

Some of the papers from the Companion Volume had been put on the website, but others had asked that their papers not be published.

5. CORRECT NAMING: SAMREC AND REFERENCE TO THE SAMREC CODE

The question of how to refer to the Code when referencing in a CPR document had already been put on the website, as was agreed.

6. REVIEW OF WORDING IN TABLE 1

Mr Lomborg mentioned various frustrating issues in the way things were worded, one of which was "the country profile is a requirement". He suggested that Table 1 be reviewed to see if it could be reworded. Mr Croll also suggested that the definition of modifying factors should be reviewed. This topic had been debated at SAMVAL; around how to take political factors that might affect mineral reserves into account. It had been agreed at SAMVAL that SAMREC should apply their minds to this. The question was asked on what the difference was between legal and governmental; and whether governmental included political perceptions. Mr Lomborg advised that the way in which SAMREC had set up the Code was that the Code itself should remain as is and the Companion Volume should address those issues, so that the Code did not have to be rewritten. The same applied to historical data and he suggested that a list should be put together. Mr Austin asked whether a proper review would be carried out on wording on Table 1. He believed this should be formalised and Mr Lomborg responded that comments should be sent to him. Mr Mullins suggested that the smaller issues should be parked until there were significant to warrant a change.

7. RESPONSE TO SANS 10230

Mr Lomborg reported that SAMREC had put in quite an extensive commentary on SANS 10230 in November 2017, but had not received any feedback. His understanding was that there was an administrative backlog.

In discussion with others, Mr Lomborg was concerned that it was not in line with Australia and was very prescriptive. SAMREC had to work out what action to take and Mr Lomborg asked if any members had suggestions around this. Dr Marshall believed the document should be scrapped and rewritten as a set of guidelines, i.e. the same as for diamonds. Mr Lomborg agreed that SAMREC had to pull this away from SABS and get the copyright. Much of the content had come out of SAMREC, but some of the diagrams would have copyright. The person in charge of this project was based in Ireland (Mr Dave Dingemans).

Ms Dohm expressed concern about pooling everything together to avoid going into the detailed level of reporting, i.e. coal, and did not agree with that. She believed this could fit into a guideline.

Mr Mullins commented that SAMREC had access to a large volume of coal reporting and SANS had led to a lot of bad practices which were out of step with what was happening internationally. There was no reason why this should not be in a guideline; powerful but not prescriptive. This was supported by the patrons.

Mr Lomborg added that in order to go that route, SABS had to be persuaded to give this back to SAMREC and suggested that the coal people should do this work. Some key names mentioned were Karen van Deventer, Leslie Louw, John Hancock, Colbert Nengovhela, Santhoshnie Mathuray, Steve Rupprecht and Pradesh Rampersadh. Ms Dohm noted that the previous guidelines for coal were as prescriptive as SANS, so that would also have to change.

In response to a question from Mr Mullins on whether SAMREC had copyright or trademark on the Code, Mr Lomborg advised that, because SAMREC had created the Code, the copyright belonged to SAMREC. The document was not trade marked. Dr Marshall noted that the amount of administration and costs did not justify trade marking. Mr Mullins cautioned that this might cause issue with SANS and Mr Lomborg commented that the SANS document would not be used as is. He added that the right people had to be identified to take the decision on allowing SAMREC to manage and maintain these guidelines. Mr Mullins believed that this had to be taken back to the patrons with a plan of action.

Mr Lomborg suggested that Karen van Deventer be contacted to set up a coal sub-committee to go ahead with the technical side. He also agreed to identify and speak to the person who headed up the technical administrative side of SABS responsible for looking at coal standards in the laboratory (Witbank). Mr Mullins offered to phone Mr Dingemans with a direct approach.

Action: Ken Lomborg and Matt Mullins

8. KEEPING SAMREC RELEVANT WITH NEW TECHNOLOGY

There was a need to ensure that the Code kept pace with technological developments. Mr Mullins outlined some of his experience on technology projects in Australia in this regard. This included the direct measurement of chemistry and quality, which involved a whole industry around assay and sampling. The work showed that the system of sampling and assaying was particularly bad and that direct measurement was far better. SAMREC needed to ensure that the Code adequately covered the governance around

that and that it was prepared for implicit modelling. There was a huge push for technology from the mine planning side. He believed it would be a first if SAMREC could address this looking ahead. There was also the issue of minerals and whether the Code adequately catered for things like lithium. Mr Lomberg suggested drawing up a list of items that could be an issue, such as remote mining methods with regard to mine planning and unconventional energy sources. Mr Croll asked at what point one would determine that the technology had become sufficiently reliable to use as a basis for estimation. Mr Mullins agreed that that was a critical question. The Code stipulated that if a person was using new technology, this had to be explained, i.e. equilibrium, calibration.

It was agreed to maintain this point as an agenda item.

Action: Camielah Jardine

9. TRAINING

Mr Lomberg advised that Basic Training (GSSA) was scheduled for June 2018 and Advanced Training on 15 and 16 August 2018. JSE Training was scheduled for September. The one-day SAMREC/SAMVAL course planned for Cape Town had been cancelled, due to there only being two respondents. The workshop on specific reporting would be held at the Diamond Conference (11-14 June).

Mr Mullins added that he and Dr Rupprecht were holding a SAMREC introduction workshop at the Copper Cobalt Conference in June, in Zambia (Livingstone).

In addition, SAMREC also had a small slot on the agenda for the Geoconference.

Mr Lomberg advised that he was presenting at the International Platinum Symposium.

Mr Mullins queried whether SAMREC was doing anything at the Geometallurgy Conference 2018, and advised that he would be presenting in Cape Town in August. Mr Lomberg suggested that for those events being run by SAIMM in Cape Town, advertising should start via flyers, so that people could book early. There was no issue with course content.

Some discussion followed on preparing video/voiceover presentations. Mr Mullins advised that he had met with a JORC Committee Member (Kate Somerville) who looked after audio-visual training in this regard. It was also suggested that an approach be made to Datamine. Mr Mullins undertook to speak to Gary Lane regarding a possible sponsor for voiceover/video. This might involve giving such sponsors a short slot to showcase their software.

Action: Matt Mullins

Mr Lomberg asked Ms Jardine to get LinkedIn/Facebook/YouTube ready so that flyers could go out through social media.

Action: Camielah Jardine

Mr Mullins added that there had been very strong direction from the patrons to ensure that the product was branded under SAIMM and through the patrons, and not through any third-party service providers.

10. WEBSITE CONTRIBUTIONS

This had already been discussed.

11. CRIRSCO

Mr Lomborg reported that he had been elected Deputy Chairman for 2018. Mr Mullins extended congratulations from the patrons on this prestigious appointment. Mr Lomborg advised that the CRISCO meeting would be held in London this year, in September.

12. GENERAL

As a separate issue, Mr Mullins suggested that Mr Peter Dekker's presentation on Oil & Gas to the Society of Petroleum Engineers be shared via DropBox through Ms Jardine.

Action: Camielah Jardine

Ms Dohm asked what the process was to get courses certified for CPD points. Dr Marshall advised that this was done under GSSA, who added the course to the list on the website. If and when SACNASP wanted to audit this, they would request further information from the applicant. If the course was run under the GSSA, it would automatically go onto the dropdown list and the time and CPD points would be calculated based on the duration. It also allowed for documents to be uploaded.

Ms Dohm queried how the actual courses got accredited. Mr Mullins advised that if an individual wanted to get his/her course SACNASP-accredited, an application had to be submitted. Thereafter, a fee was payable and the course was adjudicated. GSSA worked differently to SACNASP. For GSSA, the applicant would add his/her course to the dropdown list and the programme worked out the CPD points. If SACNASP conducted an audit, it would look at each course and approach the applicant if they required further information. The GSSA was not course-specific; it was about logging the hours that were spent on something. Dr Marshall advised that the applicant would add the course and immediately become accredited, on the understanding that this would be subject to audit. There is currently no formal information what was required for the audit on the course. This would include course content; who was presenting the course; whether it was a professional course; who attended the course. It had also been agreed with SACNASP that if the applicant was registered with GSSA, they could use the GSSA CPD system and SACNASP would automatically accept it, subject to auditing. The GSSA CPD is bench-marked against other systems internationally and it is more meaningful to the work done by SAMREC.

13. CLOSING

Mr Lomborg thanked all participants for their input and closed the meeting.

KEY ACTION ITEMS	
1. MARK AUSTIN	Obtain formal quote regarding Code app.
2. ALL MEMBERS	Submit articles for SAMCODES website to Sam Moolla/Matt Mullins/Tania Marshall
3. MPHO TLALA	Investigate training gap between graduates and competent persons and submit possible solutions in terms of trainers and budget.
4. KEN LOMBERG/MATT MULLINS	Ken Lomborg to contact Karen van Deventer to set up coal sub-committee and identify and speak to person heading up technical administration side of SAB (Witbank) library. Matt Mullins to contact Dave Dingemans re giving coal guidelines back to SAMREC.
5. CAMIELAH JARDINE	Keep topic of keeping SAMREC relevant with new technology on the agenda

6. MATT MULLINS

Speak to Gary Lane regarding a possible sponsor for video/voiceover

7. CAMIELAH JARDINE

Get LinkedIn/Facebook/YouTube ready so that flyers can go out via social media

8. CAMIELAH JARDINE

Share Peter Dekker's presentation on Oil & Gas via DropBox.