



# The Institute of Quarrying New Zealand Inc

## IOQ QUARTERLY NEWSLETTER

Issue No. 29  
December 2011

### Executive Committee 2011/12:

**President:**

Mr Gavin Hartley

**Vice President:**

Mr Gordon Laing

**Immediate Past President:**

Mr Warwick Leach

Mr Murray Discombe

Mr Andrew Mahan

Mr Peter Morgan

Mr Les Ward

Mr Chris Sinclair

**National Secretary/Treasurer:**

Mrs Christine Dodds

**Invited Board Member:**

Mr Kevin Walker,  
CEO EXITO

### President's Note



*Welcome to the summer, Christmas edition of our newsletter.*

Workloads appear to be either very busy or very poor depending on where you are in the country. I hope you are reading this newsletter relaxed and stress free preparing for a Christmas break. If you are busy the work will still be there when you come back after Christmas and if things are slow then they can only improve. So have a couple of days off, catch up with family and friends, be festive and recharge your batteries ready for the new year.

Unfortunately on 16 November 2011 we sadly lost one of our Past Chairman, Gib Stuart (Chairman 1985 – 1987). Gib had not been well for some time and I was rung by his son a number of days after Gib's passing who told me the funeral was a small gathering the way the family wanted. Brian Bouzaid attended a memorial service held for Gib, representing the IOQ; I would like to thank Brian and I would also like to request if you hear of the passing of any of our members please inform me or someone on the Executive so that we can acknowledge the contribution they have made to the Institute of Quarrying.

The Executive has met once since the last newsletter and items for discussion included –

- Update on Exito activity
- IOQ financial Position
- Wellington Conference
- IOQ Web site
- Membership
- IOQ History Book

If you would like further information on the above please contact one of the Executive.

Planning of our 44<sup>th</sup> Annual conference in Wellington is well under way with Robert Paddison Conference Chairman, Adrian Mattinson and the local committee working hard to organise yet another great annual conference to be held at the Amora Hotel 10-12 July 2012.

In November we held the Jim Macdonald Memorial Lecture sponsored by Metso & Mimico, Prof David Hood FIEAust CPEng FIPENZ FISEAM, National Deputy President,

Engineers Australia presented the lecture at five locations throughout the country. His presentation discussed how human activities, current business and personal lifestyles are impacting on the planet. The presentation certainly had a polarising effect with two distinct camps of thought on the topic, which lead to great discussion after the presentation over refreshments. Thanks to David & David Adlington, Metso & Mimico for another successful Jim Macdonald Memorial Lecture Tour.

At conference in Rotorua an auction was held to raise funds for those affected by the Christchurch earthquakes. A number of members have been wondering what has happened with the funds. I'm pleased to announce we, along with the AQA are planning to provide vouchers to IOQ members in Christchurch and to shout morning tea for AQA member companies in the affected area, hoping this gesture in some way show the rest of the country is still thinking of you our members.

In October Christine Dodds and myself attended the IQA conference held in Australia's Hunter Valley. IQA hold a similar conference to IOQNZ.



*From Left: Jack Berridge, Executive Director IQUK, Ross Chow, Chairman IOQHK Branch, Martin Isles, President IQUK, Gavin Hartley, President IOQNZ, Wayne Scott, President IOQ Australia, Riaan Redelinghuys, President IoQ South Africa & IR Lee Kam Fatt, President IOQ Malaysia.*

This year included a Super Saturday with technical papers on topics from starting a quarry through to operating and compliance. One of the aims for Saturday was to attract delegates for the day that were not able to attend the full conference, trying to attract more quarry managers and supervisors along to experience the IQA and the benefits to be gained by joining. During the conference David Cilento stepped down as President and Wayne Scott was elected President with John Stanton as Deputy President. I would like to thank Wayne & Paul Sutton (IQA General Manger) for being great hosts.

In November, I and my wife Diane attended the International Presidents meeting in Hong Kong. The meeting was held to coincide was the 40<sup>th</sup> Annual Conference held in Hong Kong, at the International Grand Stanford Hotel in Kowloon. The Conference included a day of technical papers, a number of trade stands attended by approximately 120 delegates on Friday and a Gala Dinner on the Saturday Night attended by 250 quarry associated people. As part of the presidents meeting we visited Andersons Road Quarry one of only two remaining operational quarries in Hong Kong; the other is Lam Tei. Hong Kong has a population of approximately 7.5 million and uses approximately 15 million tonnes of aggregate half of which is imported.

During the meeting the presidents selected the winner of this year's Caernarfon Award. Each country presents a technical paper for judging; voting is done on a number of categorises. This year there were three papers to be judged-

1. Australia – Martin Isles & Jim Joy, Influencing Equipment Design
2. New Zealand – Glenn Kiernan, Electronic Detonators vs Non Electric Detonators and New Blast Hole Loading Techniques – You Decide
3. United Kingdom – Terry Last, Personal Commitment Drives Zero Harm Culture

The outcome of the rigorous voting system was that Glenn Kiernan, General Manager of Inline Drilling was the winner and I was extremely

proud to accept the award on Glenn's behalf.

During the conference I had an informal discussion with Wayne, Jack and Martin regarding how their training and Continued Professional Development programmes were going. Both the English and Australians run a formal training business as part of the IOQ activities and this is an area the IOQNZ is currently evaluating.

I presented Ross Chow Chairman IOQ Hong Kong Branch with a piece of Blackhead basalt with the IOQ Crest etched into the face as a gift from the IOQNZ.



I would like to thank you all, who have contributed to the IOQ this year, our Executive and Christine Dodds, the Branch Chairman and Secretaries without these people we would lose contact with our members and the members who have offered me advise over the last six months. Without you all, the Institute of Quarrying would not be the great organisation I'm proud to be part of.

Have a Merry Christmas and a Happy New Year!

Gavin Hartley  
IOQNZ President

The Jim Macdonald Memorial Lecture Tour is a bi-annual speaking tour that travels the length of New Zealand. The 2011 edition featured Professor David Hood, a civil and environmental engineer, as the keynote speaker and visited five venues along the length of the country.



Professor Hood has vast experience across major civil and military projects, professional development in emerging economies, senior management in both the public and private sectors and in education. His presentation discussed how human activities, current business paradigms and personal lifestyles are impacting on the planet.

“However, it need not lead to a great disruption,” explained Professor Hood. “There is hope, but only if we realise what we are doing, and take immediate restorative action.”

Professor Hood’s presentation built on much of the experience he has gained over the years. Following a successful career in project management he took over and commissioned Australia’s then New Parliament House in the mid-1980s – a life changing career episode. Since that project, he has become increasingly involved in fostering a culture of sustainability across all engineering disciplines, and the built environment.

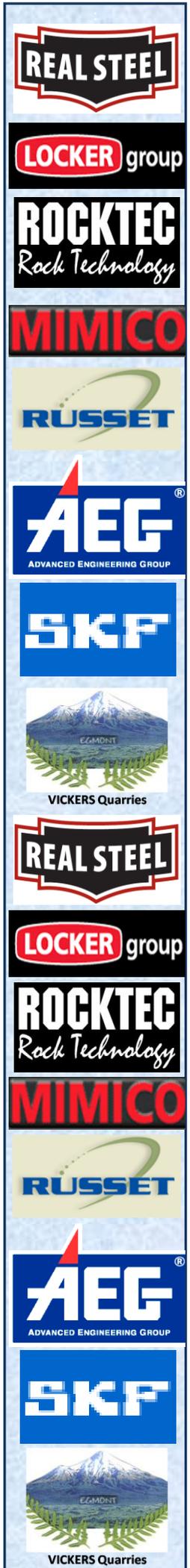


“Many thanks to Metso and Mimico for sponsoring my visit, and to the hosts from the New Zealand IOQ,” said David after the tour. “I enjoyed being with everyone for the week. It was fun and certainly educational for me. I hope that my talks were useful, and that even small changes for sustainability can start as a result. It was good to note the many excellent rehabilitation and sustainability initiatives already underway at the sites I visited.”

something a little different this year, hence the choice of speaker and the subject area. “We chose David as our speaker this year because we wanted to present a challenging topic to our members. David’s presentation certainly did that, causing much discussion at each of the five tour stops,” explained Les Ward, IOQNZ council member and tour organiser.



“This year’s tour was held during the later than usual time of early-November, which contributed to attendance numbers being slightly down on previous years. That was disappointing, but understandable. The tour is usually held during August or September,” said Mr Ward after the tour had been completed. “Regardless of that, I’d like to thank David for his time, pay tribute to our valued sponsors, Metso and



MIMICO, and thank our members for supporting this venture.”

Bryan Bartley, one co-inventor of the Barmac VSI, attended the Auckland event and was pleased with the way it was run. “David’s presentation was extremely thought provoking, which I think is great. I’d like to thank the IOQ, for organising this tour.”

Principally sponsored by Metso and MIMICO, the Jim Macdonald Memorial Lecture Tour is named in memory of the co-inventor of the Barmac VSI. Jim Macdonald, who passed away in the early-1980s, not only co-invented the Barmac VSI crusher, but was also a distinguished war hero. This year’s tour visited Christchurch, Dunedin, Matamata, Auckland and Whangarei.

## IOQ Waikato/Bay of Plenty visit to RF Davis Logging, Whangamata, 29<sup>th</sup> October 2011

Article by Warwick Leach

On Saturday the 29<sup>th</sup> we went on a field trip with a difference – a visit to RF Davis’s logging operation in Whangamata. After meeting Ross Davis, we went off to the first of 3 work sites. At the first we observed the hauling process with the hauler pulling logs from the base of a valley, loading logging trucks and simply watching the Cat machines at work.



The truck with two logs attached hauling From the bottom of the valley



The Madill hauler up top, one Cat machine harvesting and the other stacking



Log truck being loaded at the ‘face’



Some of the group getting a closer view of the hauler

The next port of call was to a machine park where we could get close up and personal with a Waratah harvester fitted to a new Cat 325D. The harvester debarks a log, measures its length and diameter and then cuts the log to maximize its take. It also tells the operator which pile it should be placed on.



The 2<sup>nd</sup> stop – the static machine display



Up close with the Waratah harvester



The new Cat 324D FM purchased from Gough's.



The off-road self loading log truck can get almost anywhere!

We had to depart this area fairly quickly as it just bucketed down – the sky certainly opened up !! The last stop was into some steep country where a couple of guys were dropping trees. There was no hauler here so the logs were pulled out by a digger to a loading site. Here, RF Davis had an off-road self loading log truck which carried the milled logs down to where the road trucks could get access to – an amazing machine.



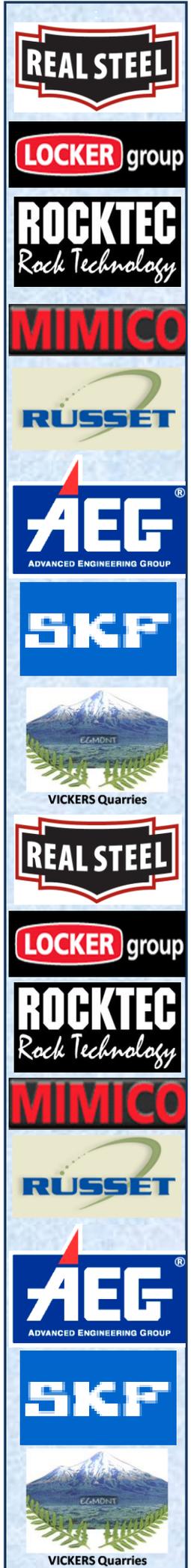
Changing a flat tyre. Heaps of advice on hand !!

After a very interesting and informative visit, we headed off to the Whangamata Palms Hotel where Gough's James West & Scott White hosted food and refreshments. It was a great day and we thanked Ross Davis and the Gough's boys for helping to organise this for us.

**Gilbert Stuart:** Gib passed away recently. Some history printed in 'Quarry' July 1997 covers Gib's 30 years managing Kiwi Point quarry in Ngauranga Gorge when it was a training quarry for CIT and how all the quarry managers who passed through got to know Gib as he was the examiner! Gib carried fond memories for the quarry industry and a highlight in 1992 when he went to Chester in England and was given a special citation recognising his years of contribution to the industry.



Gib and Elva - Queenstown 1985



During the time that Bryan Bartley and Jim Macdonald invented the Macdonald Impactor [later known as the Barmac crusher] in the early 1970s, Gib played a pivotal role with the trialling and continued development of what was to be one of the most influential of quarry crushers in the world.



Gib was actively involved in the Institute of Quarrying and was one of the founding members for which he was recognised in 2008. Gib was President of the IOQ NZ from 1985-1987 and was indebted to his wife Elva for her support through all his life.

*George Kelcher presents Gib with the Founding Member Award.*

The Executive and members of IOQ extend their sympathy to Elva and family in their sad loss.

**IQA Conference October 2011: by Christine Dodds**

This year I was lucky enough to attend the Australian conference and meet their Executive Board and the staff that work for the IQA. It was a worthwhile experience and was really useful to get feedback from the staff on initiatives that are working well over there; in particular the training and Professional Development Programme that they offer to members of the IQA. The IQA have a separate department that is funded separately for their educational initiatives and the manager Paul Sutton who has a background in education having been the headmaster of a large Queensland High School has put together a programme for training as well as professional development that is open to all members throughout all the states in Australia. The IQA are happy to help and work alongside the NZ IOQ to help initiate a professional development programme for our members so look for more information on this early next year. One of the presenters was Dan Gregory who is founder and CEO of The Impossible Institute and his talk on the 'Sexy Quarry' was full of humour. He is obviously well known because the Ladies Day was late starting as quite a number of the ladies did not want to miss the presentation!

Thank you to everyone who paid their membership invoices promptly and I would like to wish you all a very merry festive season.



**A BIG THANK YOU TO ALL SPONSORS OF THE IOQ NZ FOR THEIR HELP AND SUPPORT DURING 2011! SPONSORSHIP THROUGH 'FRIENDS OF THE IOQ' IS APPRECIATED AND IN TURN PLEASE ALL MEMBERS TRY TO SUPPORT THEM.**

