



### Executive Committee 2007/08:

**President:**

Mr George Kelcher

**Immediate Past**

**President:**

Mr Steve Ellis

**Vice President:**

Mr Warwick Leach

Mr Murray Discombe

Mr Andrew Dronjak

Mr Les Ward

Mr Gavin Hartley

Mr Andrew Mahon

Mr Gordon Laing

**National  
Secretary/Treasurer**

Mrs Christine Dodds

### President's Notes:



Hello again to everyone

The 2008 year is well underway and after a summer that provided plenty of sunshine we will soon lose daylight saving and be into shorter daylight hours.

The people I have talked to in our Industry still seem to be relatively busy around the country and this is a good sign in amongst the talk of economy slow down and possible recession. It is a very important time to make sure that clients are up to date with account payments and that the Quarry Industry is not being used as a Bank.

The IOQNZ Executive recently held a meeting in Invercargill and this was followed with an Otago Southland Branch meeting at night.

A large number of members and others attended to hear Marc Papke from Downer EDI Works give a presentation on the recent construction of the White Hills Wind Farm at Mossburn.

Marc was the Project Manager for the construction of the 27 wind generation towers that were built on the site. This project was hopefully a fore runner for some other major wind farm projects that are currently going through the RMA process that will involve building up to 160 towers per site in Otago and Southland. Thank you again Marc for a very interesting and informative presentation.

Planning for the 2008 Annual Conference in Auckland is well underway and being the 40<sup>th</sup> Annual IOQ Conference this is shaping up to be something special.

The World Presidents Meeting will also be held in Auckland on Tuesday the 8<sup>th</sup> July immediately preceding the main event.

It is time to be thinking about, and acting upon, who you may be putting forward for the annual conference awards, these awards are highly regarded and

appreciated by all members who have been fortunate enough to have been a recipient in past years.

The criteria for some of the awards has changed slightly and all information and entry forms can be

downloaded from our website on [www.ioqnz.co.nz](http://www.ioqnz.co.nz). Please put some thought and effort into nominations to ensure that we have plenty of competition for these prestigious awards. It is important that we recognise and support the Companies and Individuals who sponsor these awards on an annual basis.

The Otago and Canterbury Branches are combining to have a day in Oamaru on 12<sup>th</sup> April with proposed visits to Oamaru Shingle Supplies Quarry at Hilderthorpe and to the well known Parkside Quarry at Weston. This Quarry produces the famous Oamaru Stone for building throughout New Zealand. A barbeque and refreshments will take place at Road Metals workshop after the quarry visits. Transport is

being arranged from Dunedin, Alexandra and Christchurch. For Dunedin contact Gavin Hartley, for Alexandra contact Tony Andrews and Christchurch contact Andrew Mahan or Gavin Parker. A warm welcome to all who wish to attend.

Once again a special thank you to the "Friends of the IOQNZ" Sponsors as their contributions are an integral part of the IOQNZ having a successful future. Remember to support these Companies when

making decisions to buy new equipment and replacement parts. A list of these sponsors is printed at the end of the newsletter.

"Take Care and Stay Safe".

Regards  
George Kelcher  
President IOQ NZ Incx

## Otago/Southland Branch Meeting - Feb 2008



**Cable Price Invercargill** hosted the Otago/Southland Branch IOQ meeting on 20 Feb 2008.

The meeting, chaired by IOQ Otago/Southland Chairman, Craig McCrorie, was well attended by many local quarry folk, with members of the NZ Executive also present. The local branch elected Lex Robb as the Conference 2009 Chairman and it is clear that their strong team will ensure this conference will be well run.

### Presentation by - Marc Papke:

The highlight of the evening was a fantastic slide-show presentation on the **White Hills Windfarm,**

**Mossburn.** Marc Papke, who originally hailed from Dakota, was Works Infrastructure's Project Engineer overseeing the construction of the project. He is now based in Te Anau.



### Key aspects of the project:

#### Overview:

- ✧ Construction of 29 Wind Turbines, each generating 2Megawatts, total 58 Megawatts
- ✧ A Meridian Energy / Works Infrastructure project
- ✧ Contract period – March 06 to February 2007
- ✧ 500,000m3 of earthworks over five months
- ✧ 75,000 tonne of concrete and roading aggregate
- ✧ Turbine foundations required 12,000m3 concrete, 3,600 tonne cement, 1000t reinforcing steel
- ✧ 90 personnel employed at peak of job
- ✧ Road Metals main aggregate supplier.

#### Access:

- ✧ 2km access road required 35,000m3 excavation and fill
- ✧ Existing track widened from 3.5m to 10m in predominantly siltstone / mudstone rock
- ✧ Dumpsite created at the project were rehabilitated with dozer, topsoiled, seeded and tussock grass planted.
- ✧ 40,000 tonne GAP65 used in roads.

#### Turbine Foundations :

- ✧ 20m octagonal shape (to provide better key than circular or square shaped pad) 2.5m depth, approx 800m3
- ✧ Trees within 50m radius of each turbine were cleared
- ✧ 27 bases were ripped with tine and dug out with conventional excavators
- ✧ 2 required blasting due to harder rock
- ✧ Each 'Embed Cylinder' 4.2m diameter, 3m high, 13.2 tonnes, fabricated in Vietnam, and lifted into place with 100 tonne crane and levelled with several adjustable jacks



*Photo of foundations prior to pouring, showing the huge quantities of steel reinforcing*

- ✧ Two on-site concrete batching plants supplied by Firth Industries capable of 95m<sup>3</sup> /hour and 45m<sup>3</sup> /hour produced 395 m<sup>3</sup> 30MPa concrete for the bases.
- ✧ Prior to pouring polystyrene sheeting was placed inside the shutters to minimise excessive heat loss through the shutters
- ✧ Temperatures in the core reached 52 degrees C when outside ambient temperatures were approx 20 degrees C
- ✧ Pour duration approx 7hours per base.

#### Towers:

- ✧ Lower tower 29m height; Upper tower 39m height
- ✧ The Gearbox / turbine / Generator / Transformers each weighed 70 tonne and were manufactured in DenMarc by Nacelle.
- ✧ These were lifted into place using Verticonn 400 t (Liebherr 1400/2) crawler crane; weight 370 tonne and 9m width.



*Installing the blades*

#### Blades:

- ✧ Fibreglass construction, 39 m length, 6.5 tonne each , three blades per turbine, 50 years life
- ✧ Wind-speed sensors at end of each blade detect wind speeds - blades feather continuously to maximise power output
- ✧ When winds exceed 80kph, blades feather to zero pitch and do not turn
- ✧ Utilisation of turbines world-wide is approx 40%
- ✧ Comparison to average utilisation in NZ at 65-70%

Each tower height to top of blade is 101 m.

#### Transmission Cabling:

- ✧ Electrix were contracted to install cables in trenches. Some of these works was undertaken with specialist “ditch witch” machine which trenches, feeds and lays cable, then backfills. Unfortunately, this was not as reliable as the contractor had hoped, and the majority of trenches were dug using conventional digger bucket.
- ✧ Power generated from the White Hills Windfarm is fed to Winton substation



At the end of the evening a superb supper was served, and the model Hitachi EX1800 Excavator donated by Cable Price was won by IOQNZ President, George Kelcher. Thanks to our Southland/Otago Branch members for being such fine hosts and to **Cable Price** for sponsoring a great evening in Invercargill.



**George Kelcher, Les Ward and Warwick Leach chat with local identity Mort Crooks.**

Story and photos by Murray Discombe - Windfarm photos supplied by Marc Papke

## **Industry explores move towards a single body**

It was announced this week that an industry project team, led by Lynda Thompson, chair of the Quarry Products Association (QPA), and Ian Reid, chair of The Concrete Centre (TCC), together with project director Mike Gilbert, chief executive officer of the British Cement Association (BCA), has been set up to explore the benefits of merging the BCA and TCC into the QPA to form a single industry body in order to improve external representation, advocacy and market access.

At internal stakeholder meetings of the aggregates, concrete and cement industry in 2007, there was general consensus across a number of companies in the sector that consolidation of the market development, technical & trade association activities into a single industry body could be beneficial in improving effectiveness and efficiency on behalf of members, particularly in areas of common interest.

Improved visibility and impact, improved clarity of responsibilities, simplified governance and control, improved use of resources, and a reduction in fragmentation were among the specific benefits identified.

It is anticipated that the new, expanded industry body will continue to deliver all the current work of the three organizations, but in a more integrated way with improved visibility and extra authority, thereby meeting many of the operational benefits sought by the industry.

The project team will also look at establishing an effective, concrete industry Alliance with key organizations the British Precast Concrete Federation and The

Concrete Society, in order to ensure integrated working on common key issues, such as sustainable construction. It will also support The Concrete Society and its vision for the development of a Concrete Institute in order to improve industry wide competencies.

The BCA, QPA and the TCC have agreed to initiate the study into the merger during 2008, with the necessary reviews, consultations and legal work yet to be developed. When the feasibility work is complete, if the outline of the new organization meets the needs of all the stakeholders, formal approval for the merger will be sought from the relevant Boards and Councils later this year.

The concrete industry Alliance will be developed over the coming 12 months in parallel with the merger study, and the Concrete Institute timetable will be set by The Concrete Society, supported by industry.

Commenting on the proposed merger, project director Mike Gilbert said: 'The aggregates, concrete and cement industries work very closely together today, but the demands of the construction industry for more innovation, the challenges of the sustainable construction agenda and continual improvements in membership services mean we have to align ourselves even more closely in the future.'

'The Government, our members, and the specifiers of our products expect us to provide 'joined-up' advice, guidance and construction solutions. We believe that bringing the industry organizations together will help us to be more effective and efficient in delivering exactly that.'

[www.cementindustry.co.uk/](http://www.cementindustry.co.uk/)

[www.concretecentre.com/](http://www.concretecentre.com/) - [www.qpa.org/](http://www.qpa.org/)



## **IOQ AWARDS 2008:**

**Nominations are now invited for this year's awards to be announced at our annual conference to be held in Auckland in July.**

### NIEMAC AWARD

- The Award is made to recognise personal achievement by an IOQ member working as a quarry plant operator or engineer or manager.

The intent is to reward a person directly responsible for significant development or engineering, or in plant operation, plant maintenance, or problem-solving in the industry. The award is a model Jaw Crusher trophy with an inscribed plaque, donated by Niemac and given to the recipient to keep.

### RD HASSED MEMORIAL TROPHY

- This trophy is awarded annually to the NZ member of the Institute *who has made the most outstanding contribution to the Branch during the current year.*

The trophy is a piece of limestone containing a scallop shell fossil from Pakipaki Quarry in Hawkes Bay, mounted on a wooden base.

### GOUGHS CAT AWARD

- The Award is a \$3500 travel grant, towards the cost of travel within New Zealand or Australia for *the operator that has consistently shown the most dedication and commitment to the quarrying industry.*

The Nominee must currently belong to the Institute of Quarrying, and have been employed in the quarry industry for at least 2 years. All travel must be completed within 18 months of the presentation which is made at the Institute's New Zealand Conference. Travel is to be used to advance their knowledge of the quarrying industry. A detailed written report on the travel is submitted to the Institute and Goughs Cat within 18 months of the presentation.

### KOMATSU NZ AWARD

- The Award offers \$5,000 towards travel *for excellence and service within the Institute*. The award is to assist the recipient to further his or her knowledge of the quarrying industry for their benefit and that of the Institute of Quarrying NZ (Inc).

The nominee must be an active member of the Institute of Quarrying NZ (Inc) and have been involved in the quarrying industry for the past 5 years with written proof that the award will benefit his or her career. The travel must be completed within 12 months of the presentation which is made at the Institute's New Zealand Annual Conference. A condition of the award is that a detailed written report on the travel is submitted to the Institute and Komatsu NZ Ltd within 12 months of the presentation.

### LYN JORDAN MEMORIAL AWARD

- The Trophy is awarded to the Institute member, or members, *whose technical paper is judged the best given at an Institute Branch Meeting or the NZ Annual Conference*.

This award is in memory of the late Lyn Jordan who was an early member of the New Zealand Institute. The trophy is in the form of a vintage exploder donated by the Explosives Division of ICI NZ Ltd (now Orica).

### WINSTONE AGGREGATES SAFETY AWARD

- The trophy is awarded to the "quarry operation" judged as the *operation best meeting a wide range of criteria relating to the industry*.

Judging will be influenced by achievements against the following criteria:

- Year on year improvements - total accident frequency rate
- All equipment guarded to AS1766
- Evidence of effective hazard management, hazard ID, incident reporting and resolution
- Excellence in housekeeping
- Evidence of major safety initiatives
- Employee participation and management commitment to Safety.

Nominations for this award can be made by any Branch of the IOQNZ in writing and must be supported in detail on the reason for the nomination. Applications should reach the Institute of Quarrying Secretary by 31 April, to ensure that the judging panel of two IOQNZ approved personnel has sufficient time prior to Conference, to visit each of the nominated quarry sites. If an entry is received too late to facilitate a visit, judging could be influenced by the quality of each presentation.

### BR WEBSTER FAMILY EDUCATION SCHOLARSHIP

- The Scholarship is to be *awarded to individuals who are studying towards either of these qualifications with, limited financial ability to contribute, or with or without the support of their employing company*.

The Scholarship offers enrolment in the National Diploma in Extractive Industries (Management) – Surface or the Bachelor in Extractive Industries Management to individuals identified as having the potential to advance in the industry to Supervisory or Management levels.

### SPONSORS DISPLAY AWARD

- This award in the form of a shield donated by Andy and Raewyn Loader. Andy was a Past Chairman of the NZ Institute and the trophy is for *the best sponsor's display at each Annual Conference*.

### CAERNARFON AWARD

- The Award is presented annually for the *best paper given at an Institute conference, seminar, meeting etc anywhere in the world which is adjudged to have contributed the most to the advancement of some aspect of the industry - either technical, environmental, strategic etc*.

The annual competition period shall be for the previous calendar year. Papers for consideration may be submitted by any of the Institute's national bodies/branches. All proposals shall reach the award co-coordinator, initially the Institute's UK general manager, by 30 March.

### CITATION

- The Citation Award is very much the 'member's award'. Its main function is to provide a means whereby a branch can obtain formal recognition for a long-serving member who is held in particularly high regard because of a long period of outstanding service to the Institute.

The award is not normally given to members of less than 20 years' standing, during which time the nominee should have been a regular supporter of Institute activities, often having undertaken a long period of service on a branch or other committee. The award is not available to those who have held senior honorary office - President, Deputy President, Vice President, Chairman of Council, or Chairman of a Council Committee; nor to those who have been elected to Honorary Fellowship. The award is above all a measure of the esteem in which the nominee is held by his colleagues and made in the true spirit of Institute fellowship.

### THE INSTITUTE OF QUARRYING NZ AWARD

- The Award is very much the 'member's award'. Its main function is to provide a means whereby IOQNZ can *formally recognise both a long-serving member who is held in high regard because of a long period of outstanding service to the Institute, and / or a retiring President*.

The award is not normally given to members of less than 20 years' standing, during which time the nominee should have been a regular supporter of Institute activities, often having undertaken a long period of service on a branch or other committee.

The awards are provided for Institute of Quarrying members and awarded at the Annual Conference held in July each year. Full detail for each award can be found at - <http://www.ioqnz.co.nz/awards.php>. Nomination forms can also be found on this page.

**Send Applications to:** National Secretary  
The Institute of Quarrying NZ Inc  
P O Box 36 037  
Merivale  
CHRISTCHURCH 8146

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## Aggregate & Quarry Association Award

### **Mimico Environmental Excellence Award – Travel Grant**

The Mimico award offers an annual award of \$5000 (travel grant) to assist the recipient to further his or her knowledge within the quarry industry.

For more information on this award contact Roger Parton  
Email: [partonious@xtra.co.nz](mailto:partonious@xtra.co.nz) or visit the AQA website: [www.aggregate.org.nz](http://www.aggregate.org.nz).



*Article by Warwick Leach*

Goughs is pleased to be supplying Perry Aggregates with eight new Cat machines. This includes two 330DLME Hydraulic Excavators, two 972H Wheel Loaders, one 966H Wheel Loader, one 938GII Wheel Loader and two 730 Articulated Dump Trucks.

The 730 Dump Trucks are the first of the new fleet to be delivered. One is working at Te Hinga Quarry in Waitakeri and the other is at Perry's lime quarry in Te Kuiti. They are both being used for hauling rock from the rock face to the processing plant.

Ingrid Chettleburgh, Operations Manager, Perry Aggregates says the company looked at their requirements and wanted all their machines to be from the same supplier. "Perry's has a long history with Goughs. Goughs reputation for after sales support and servicing is well known and regarded in the industry as is the performance and price of Caterpillar. This is why we decided to standardise all our purchases and buy Cat machinery" says Ingrid.

*Paul Connor & Bob Tamatoa with one of the 730s at Te Hinga Quarry*



*Operator Ku with the 730 which will be operating at Perry's lime quarry in Te Kuiti.*

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## The Importance of a good induction programme

*This article is reproduced from a newsletter article sent by the IoQ Accountant.*

The common cry from employers today is that finding good staff is getting harder. Therefore it would make sense that when new employees are signed up that their first impression when joining the organisation is a positive, memorable experience that sets the scene for a long and productive working relationship.

A 2006 survey by the United Kingdom human resources firm Reed Consulting found that 93% of 5,700 UK employees surveyed believed that poor induction processes had an adverse effect on their productivity at work. Four percent of respondents also indicated that a

poor or non-existent induction programme had directly affected their decision to leave a new job.

So what should employers include in a good induction programme?

To start with, a good induction programme needs to be well planned and executed. What information is important for the employee to receive on the first day? What can wait? Writing down a formal programme with dates and times for meetings with particular people and information sessions on particular topics will help ensure a smooth induction process.

It can often be at least one month from accepting apposition until the employee starts work. A friendly welcoming letter closer to the start date, detailing what time to arrive, where to park, who to ask for, what to bring and what the employee can expect on their first day is a good way to help set the scene for working at a new organisation. It always makes a good impression on an employee's first day to find that their office or work space is nicely set out and that the computer, email and telephone are all organised. The new employee should be made to feel that they are a priority. Meetings with key staff members should be pre-organised and times kept to.

Meetings should be spaced over a period of time to give the employee time to digest the information that they will be receiving from a variety of sources.

Elements of the induction programme should include –

- meetings with relevant staff, suppliers and customers
- full health and safety briefing
- outline of initial training organised for the employee
- what guidance the employee can expect during the first six months of employment
- setting of initial performance goals
- explanation of and access to the organisation's policies and procedures
- expectations on attendance and breaks
- information on any employee benefit schemes.

Remember that induction is a process, not an event. It takes time for employees to integrate into their new working environment. A good induction process will ensure new employees adapt quickly to the organisation, feel they belong to the organisation, and that they have become productive contributors.

## Meditation a lifesaver

THE power of positive thinking and meditation helped save the life of a Chinese construction worker.

Wang Jianxin, 52, was working at a construction site in the coastal port of Ningbo, digging a ditch, when, without warning, a wall of the ditch collapsed, burying him under a huge pile of earth.

Like most construction workers in China, he had little in the way of protective equipment except for his plastic safety helmet — the rim of which had, by chance, trapped a tiny pocket of air around his face. Mr Wang knew that if he panicked and his breathing accelerated he might use up the oxygen before rescuers could reach him.

That was when the Buddhist turned to meditation to control his intake of oxygen. It took two hours, but fellow workers and a rescue team finally pulled Mr Wang alive from the earth that could have been his muddy grave.

Doctors were astounded, saying a person could not normally live longer than five minutes in such a sealed space.

One local doctor said: "It's a miracle that he's alive after being buried for two hours." The Times

*Article above contributed  
by Brian Bouzaid.*



**DENNIS COCHRANE**

Institute of Quarrying Northland Branch Chairman

A hardworking branch chairman and Fellow of the Institute of Quarrying has sadly passed away recently after a short period of illness. The Executive Committee of the Institute of Quarrying and the members would like to pass their condolences to his wife Aileen and family at this difficult time.



By Jayden Ellis  
Technical Group Leader for CETANZ  
General Manager of Stevenson Laboratory  
[IOQ member since 2003].

## Civil Engineering Testing Assn New Zealand

A Collaborating Technical Group of the Institute of Professional Engineers New Zealand Inc.

**AGGREGATES • EARTHWORKS • SOILS • BITUMEN • CONCRETE • MASONRY**

I'm sure most, if not all IOQ members would have had something to do with testing of Aggregates at one time or another. Many members may even run their own Laboratories and technicians on site, to carry out the sieve, sand equivalent and ALD tests that are commonly used to monitor quality control and/or compliance.

**Well, technicians now have their own association!**

In late September 2006 the first Civil Engineering Laboratories Conference (CELC) was held. The conference attracted more than 80 participants and over 20 papers from a variety of disciplines, along with some general presentations on the civil testing industry.

As a direct result of the conference, twelve individuals representing a broad cross-section of New Zealand Civil Engineering Laboratories formed a new association called CETANZ. The association is a collaborating Technical Group of the Institute of Professional Engineers New Zealand Inc (IPENZ).

The CETANZ committee set the following goals based on discussions at the first conference:

1. Continuous improvement to the standard of testing in NZ through training and other means.
2. Advance the status of testing to the construction industry.
3. Communicate changes in standards of technology to the testing industry.
4. Provide a code of ethics by which members operate.
5. Represent the views of New Zealand Testing Organisations to authorities, ie. Transit, IANZ, Standards NZ etc.
6. Promote the benefits of high quality testing services to the construction industry.
7. Assist members in the development of suitable proficiency and inter-laboratory testing programs.
8. Conduct activities, eg. meetings, conferences, technical & social events for the benefit of members.
9. Promotion of Civil Engineering as a career.
10. Investigation and promotion of a suitable qualification for our industry.

Right now CETANZ is looking at reviewing the NZ Vibrating Hammer Test, in conjunction with Transit, the AQA and Roading NZ. This test seems to generate quite a bit of controversy in the Testing, Quarrying, and Construction industries. We are also about to run our second conference in September 2008.

For more information visit our website [www.cetanz.org.nz](http://www.cetanz.org.nz) or email [info@cetanz.org.nz](mailto:info@cetanz.org.nz).



*Left to Right*

John Evans (Opus), Stuart Moulding (Civil Train),  
Brigitte Sergeant & Michael McGlynn (Geotechnics Sales),  
Howard Jeffery- Wright (Downer EDI),  
Graham Duske (McConnell Dowell), Paul Burton (Geotechnics),  
Jayden Ellis (Stevenson Laboratory),  
Claire Laybourne (Beca), Murray Cleveland (Test Lab),  
Steven Anderson Geotechnics), Portly Griffiths (Fulton Hogan).



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..... [www.quarry.com.au](http://www.quarry.com.au)
- UK Institute of Quarrying:  
..... [www.quarrying.org](http://www.quarrying.org)

### WELCOME TO NEW MEMBERS:

At the IoQ Executive Board meeting held in Invercargill in February the following new members and upgrades were approved:

Name	Location	Status	Branch
Sidney Putaranui	TAHAROA	Associate	Waikato/BOP
Jared Falwasser	TAHAROA	Associate	Waikato/BOP
Shane N Toto	WAIUKU	Member	Auckland
Robert Berendsen	TURUA	Member	Auckland
Charles McKinley	AUCKLAND	Fellow	Auckland
Richard Frost	WHANGAREI	Member	Northland
Christopher Allen	HAMILTON	Associate	Auckland
Anthony Williamson	ALEXANDRA	Member	Otago
Shane Nicholas	WAIUKU	Member	Auckland
Graham Rewi-Wetini	VIA TE KUITI	Member	Waikato/BOP
Keith Barber	AUCKLAND	Associate	Auckland
Benjamin Hussey	AUCKLAND	Member	Auckland
Nigel Bluett	DUNEDIN	Associate	Otago
Geoffrey Tappin	MATAMATA	Associate	Waikato/BOP
Steve Barton	HAMILTON	Associate	Auckland
Steven Clearwater	DUNEDIN	Member	Otago
Gordon Laing	AUCKLAND	Fellow	Auckland
Gregory Brown	HAMILTON	Fellow	Auckland
Nicholas Horswell	WESTPORT	Fellow	Canterbury
Greg Slaughter	CHRISTCHURCH	Member	Canterbury

Please note that an account for the year's subscription fee and the cost of affiliation fees to the UK has been sent and once this has been paid, then the certificates will be sent to the calligrapher.

## The Institute of Quarrying New Zealand Inc acknowledges with gratitude the sponsorship and support from the following companies:



### PLATINUM SPONSORS



### GOLD SPONSORS

THE WEBSTER FAMILY



## 40TH JOINT AQA / IOQ CONFERENCE

*and meeting of the International Presidents of the IoQ*

**9 –11 July 2008 Hyatt Regency, Auckland**

*For information contact:*

Roger Parton at [Partonius@xtra.co.nz](mailto:Partonius@xtra.co.nz) or Andrew Dronjak at [boom\\_boom@paradise.net.nz](mailto:boom_boom@paradise.net.nz)