



Election of CIML First Vice-President

Only candidate: Dr. Grahame Harvey, CIML Member for Australia.

Dr. Harvey's CV and motivation letter are reproduced on the following pages.

Brief CV

Name: Grahame George Harvey

Contact details: Phone(w): +61 2 8467 3794
Email: grahame.harvey@measurement.gov.au

Academic Qualifications:

MSc (Sydney University) in Physics
PhD (University of New England) in Physics

Appointments: CIML member for Australia
Member of the OIML Presidential Council
2nd Vice-President, CIML (2006 – 2011)
1st Vice-President, CIML (2011-2012)
Member of Executive Committee of the Asia-Pacific Legal
Metrology Forum (APLMF)

Affiliations: Metrology Society of Australia
Fellow, Australian Institute of Company Directors

Employment History:

Current: Manager, Legal Metrology Policy, National Measurement
Institute.

Previous: 1990 – 2004: Deputy Director, National Standards Commission

1983 – 1990: Head, Technical Section, National Standards
Commission.

1975 – 1983: Lecturer in physics, University of Central
Queensland

1970 – 1975: Teaching fellow, University of New England

1962 – 1970: Scientific officer, CSIRO National Standards
Laboratory

Experience in Legal Metrology:

The Australian National Measurement Institute (NMI) has (as had the former National Standards Commission - NSC) a broad policy role to coordinate the national measurement system. Accordingly I have responsibilities relating to the introduction of controls in new areas of measurement such as grain, grape and sugar quality measuring instruments; the introduction of controls for evidential measuring instruments (police breathalyzer and speed measurements). Before the introduction of national trade measurement, this also involved the harmonization of State trade measurement activities. The latter was achieved by providing Commonwealth representation on various inter-governmental committees.

I have taken a leading role in promoting the introduction of a national system of trade measurement in Australia and the introduction of a national packaging system based on OIML R87. From 2007, I have been responsible for the legislative changes necessary to introduce the new system. The transition to a national system took place on 1 July 2010.

At the former NSC I was responsible for new initiatives that at various times included the completion of metrication, the development of APLMF training packages (that has now developed into a major APLMF activity) and the introduction of controls for utility metering.

I have responsibility for maintaining the National Measurement legislation that, in the past, has involved many amendments and a complete rewrite of the Regulations. At various times I have had responsibility for the pattern approval activity, the annual business plan and have made a strong input into strategic planning.

Involvement with OIML

I was the Australian CIML representative in 1986 and have had an involvement with OIML for over 20 years. In 2004 I again became the Australian CIML member and in 2006 was elected 2nd Vice-President. At the 2011 CIML meeting, I was elected 1st Vice-President.

Nomination for First Vice-President of CIML

Grahame Harvey 1st Vice President, CIML

It has been an honour to have been a Vice-President of CIML for the last six years and the 1st Vice-President since 2011. My reason for nominating for a further term is that there is still much to be achieved and I would like the opportunity to make further contributions to the work of OIML.

Below, I have provided a summary of the initiatives that I've taken since becoming the CIML member for Australia, whilst a member of the Presidential Council and as the 2nd and 1st Vice President. They illustrate the vision and strategic awareness needed for the Vice-President of CIML. I have also included some views on my vision and strategic issues for OIML and have attached a brief CV.

Summary of my OIML activities

Since becoming the CIML member in Australia in 2004, a member of the Presidential Council (2005), 2nd Vice-president (2006) and 1st Vice-president (2011), I have been very active in promoting initiatives to benefit the organization. They include the following.

- With the assistance of colleagues from Japan and New Zealand, I was able to modify the MAA fee structure so that it would not disadvantage smaller issuing authorities that could not amortize the fees over a large number of approvals.
- I initiated the 2006 seminar on prepackaging through the Presidential Council and have been active in supporting the TC6 secretariat with the revisions of the various prepackaging recommendations..
- I initiated the creation of TC17/SC8 on quality measurements of agricultural products and the first project on grain protein measuring instruments in nearing completion.
- One of my initiatives has been the annual Round Table of Regional Legal Metrology Organizations (RLMOs). Initially I provided the terms of reference, agenda and chaired the meetings but have now withdrawn from that role so that the forum can be chaired in rotation by the regional organizations themselves.
- In 2009, because of the difficulty surrounding the review of OIML R46 on electricity meters, I volunteered for Australia to take on the vacant TC12 secretariat. Very good progress has been made and, at the time of writing, the draft revision is undergoing a preliminary ballot.

- In regard to the revision of the Directives (B6-1 and B6-2), I raised the lack of progress at the Presidential Council and requested some policy decisions to inform further work. Following that, I arranged a small working group to address some of the critical issues. The new Director, with the assistance of his staff, was able to base his final recommendation to improve technical decision making on this foundation.
- I have been promoting the need for a program of conformity-to-type since my first CIML meeting. Thanks to the good work of my CIML colleagues, particularly from NZ, this has now progressed to the formation of a new technical committee on the subject.

Vision for OIML

The number of types of measurement falling within the scope of legal metrology is increasing. We have started work on quality measurements of agricultural products but we have only scratched the surface. In addition to the TC17 work on grain quality measurements, we are working in Australia on wine grape sugar and colour measurements and various measurements in the cane sugar industry. Legally traceable measurements are increasingly required for environmental measurements including water, air and noise pollution. This is consistent with the United Nations Development Programme (UNDP) Millennium goal to ensure environmental sustainability.

In addition to our individual responsibilities to our separate economies, CIML members have attempted for some years to develop programs to assist developing economies. Much of our existing work addresses issues relevant to other Millennium goals such as health measurements and traffic (safety) measurements. Happily, this is also consistent with the theme of 2012 World Metrology Day, “Metrology for Safety”.

However, there are major areas where I believe OIML needs to undertake further important work. These include:

- Developing an OIML mark for prepackages. Most global trade in food is now in prepackaged form. An OIML mark would assist all economies but would have a particular benefit for less-developed economies.
- Developing a conformity-to-type program for measuring instruments. This would benefit all economies that do not have the capability to test imported measuring instruments for conformity with OIML recommendations. Such a program, properly implemented, would lessen the possibility that non-conforming instruments were exported to economies without test facilities.

Undertakings if elected

If elected, I would continue to promote OIML generally and the important issues mentioned above. In addition I would continue with the projects already underway and their natural extensions, for example to other types of electricity measurements and other types of quality measurements.

Last year I signaled that I intend to transition to part-time work. It is anticipated that, amongst other things, this will allow me to spend more time on OIML matters than at present.

I welcome and hope for your support.