

Program

Fourth Asia-Pacific Legal Metrology Forum

Tsukuba, Japan

22 - 24 September 1997

Workshop/Seminar on Introduction to High Capacity Flowmeters

24 September 1997

Welcome Dinner hosted by
Mr John Birch A.M. Convenor APLMF
at the Dai-ichi Hotel

24 - 26 September 1997

Workshop/Seminar on Legislation and Administration

27 September 1997

Working Parties meeting on
Utility Meters
Prepacked Articles
Mutual Recognition Arrangements

29 - 30 September 1997

Fourth APLMF meeting

29 September 1997

Welcome Dinner hosted by Dr Hidetaka Imai
Director-General, National Research Laboratory of Metrology, Japan
at L'ambroisie de Kagetsuro

1 - 3 October 1997

Training Workshop/Seminar on
Implementation of OIML R 76 Non-automatic Weighing Instruments

AGENDA

Fourth Asia-Pacific Legal Metrology Forum meeting
29 - 30 September 1997

Tsukuba Research Center, Tsukuba, Japan

REGISTRATION OF DELEGATES

29 September 1997 08:30 - 09:00
30 September 1997 08:30 - 09:00

1. Welcome by Chairman

 Dr Hidetaka IMAI
 Director-General, National Research Laboratory of Metrology (NRLM). Japan
2. Attendance of members at Forum meeting.
3. Applications for membership.
4. Confirmation of the Report of the third Forum meeting held in Vancouver, Canada, on 3 November 1996
5. Report of the APLMF by the Convenor, Mr John Birch A.M.
6. Report of the meeting of the Working Parties on Utility meters, Pre-packed Articles and Mutual Recognition Arrangements held on 27 September 1997.
7. Discussion of Regional Training Program including the Joint Australia-China Measurement Skills Training Project.
8. Report on progress of the Forum Work Plan:
 - 8.1 Workshop/seminar on Introduction to High Capacity Flowmeters held on 22 - 24 September 1997.
 - 8.2 Workshop/seminar on Legislation & Administration held on 24 - 26 September 1997
 - 8.3 Workshop/seminar on Implementation of OIML R 76 Non-automatic Weighing Instruments to be held on 1 - 3 October 1997.
 - 8.4 Report of the Intercomparison of Calibration and Pattern Approval Testing of:

- 8.4.1 Non-automatic Weighing Instruments.
- 8.4.2 Load Cell Intercomparison Testing.
- 8.4.3 Mass Standards.
- 8.5 Development of programs in other areas of legal metrology eg. medical measuring instruments, environmental measurements, certified reference materials
 - 8.5.1 Working Group on Medical Measurements - project on sphygmomanometers;
 - 8.5.2 Working Group on Rice Moisture Meters
- 9. Report of meetings between Specialist Regional Bodies (SRBs) (APLAC, APLMF, APMP, PAC, PASC) and APEC Standards and Conformance Sub-Committee:
 - Victoria, Canada - February 1997
 - Quebec City, Canada - May 1997
 - St. John's, Canada - August 1997
- 10. Report on the Round Table discussion (APEC SCSC and SRBs) on Mutual Recognition and Standards and Regulation held in St. John's, Canada in August 1997
- 11. Discussion on APEC Standards and Conformance issues.
- 12. Discussion on OIML issues.
- 13. Discussion on other regional legal metrology organisations.
- 14. Discussion on bilateral and multilateral assistance for development of legal metrology in the region.
- 15. Discussion on Work Program for 1997/98 and Working Party meetings.
 - 15.1 Review of Work Programs adopted in 1996/97
 - 15.2 Training projects in 1998.
 - 15.3 Development of legislative, technical and administrative infrastructures for legal metrology
 - 15.4 Surveys
 - 15.5 Intercomparisons

16. Consideration of a "Memorandum of Understanding" for members of the Asia - Pacific Legal Metrology Forum.
17. Discussion of the formation of an APLMF Executive Committee to facilitate the smooth functioning of Forum programs and activities.
 - 17.1 Scope and functions of the Executive Committee.
18. Discussion on membership of APLMF - Proposal for the inclusion of membership from other economies.
19. Date and location of next Forum meeting in 1998.

REPORT OF THE FOURTH FORUM MEETING

1. Introduction and Opening Address by the Convenor, Mr John Birch A.M.

Mr John Birch, the Convenor of the Forum opened the meeting and extended a warm welcome to all delegates and observers to the fourth Forum meeting in Tsukuba.

He introduced the Chairman of the Forum meeting, Dr. Hidetaka Imai, the Director General of the National Research Laboratory of Metrology (NRLM), Japan. Dr. Imai graduated from Tokyo University of Agriculture and Technology in 1967 and joined the NRLM in the same year. He was appointed Chief of the Material Measurement Section in 1984 and Director of Thermophysical Metrology Department in 1986. He also obtained his Ph. D. from Tokyo University in 1986.

In 1990, he was promoted to the post of Senior Officer of Research Planning, in 1992 the Director of Measurement System Department, and in 1997, he assumed the post of Director General of the NRLM. Dr. Imai is a specialist in the fields of measurement of mechanical and thermophysical properties of solid materials and uncertainty evaluation of measurement. At the international level, he represents Japan on the following international committees - CIML, CCU/CIPM, ISO/REMCO.

In his opening address, Mr Birch thanked Dr. Imai and the ATPC (APLMF Tsukuba Preparatory Committee) for their excellent organisation of the Forum meetings and workshops/seminars which had commenced on 22 September. He mentioned that although the acceptance for hosting the Forum was made by Dr. Kurita, the former Director General, Dr. Imai had shown a strong commitment to fulfilling the role of NRLM as host to the Forum meetings.

1.1 Welcome by the Chairman, Dr Hidetaka Imai

Dr Hidetaka Imai welcomed delegates and observers to Tsukuba, and was pleased to note that the Forum meeting was held immediately before the OIML meeting in Rio de Janeiro in October. He introduced Mr. K. Neda of the NRLM who would assist him in the conduct of the meeting. He introduced the agenda for the meeting which was accepted by delegates.

2. Attendance of members at the Forum meeting, and workshops/seminars.

2.1 Mr Birch informed delegates present that the Forum was well represented this year with a total of seventeen economies and more than fifty delegates and observers attending. The economies attending are:

Australia, Canada, People's Republic of China, Indonesia, Japan, Rep. of Korea, Malaysia, Mongolia, New Zealand, Papua New Guinea, Philippines, Russia, Singapore, Chinese Taipei, Thailand, United States of America and Vietnam.

He also welcomed M. B. Athane, the Director of BIML representing the International Organisation of Legal Metrology (OIML) to the Forum and

thanked the technical experts and consultants who are making presentations at the workshops/seminars:

22-24 September - Workshop/Seminar on Introduction to High Capacity Flowmeters

- Mr Ian Hoerlein, Head, Trade Measurement, National Standards Commission, Australia and
- Mr George Smith, Electricity and Gas Specialist, Measurement Canada.

24-26 September - Workshop/Seminar on Legislation & Administration

- Mr John Birch A.M. Convenor APLMF and Executive Director, National Standards Commission, Australia
- Dr. Knut Birkeland, Former Director General, Norwegian Metrology Service and President of OIML (1980-1994)
- Mr Robert Bruce, Program Manager, Measurement Canada
- Mr J. Eguchi, Deputy Director, Weights & Measures Office, MITI, Japan
- Mr Richard Knapp, Former Director General, Legal Metrology Industry Canada.

1-3 October - Training Workshop on Implementation of OIML Recommendation 76 (non-automatic weighing instruments)

- Professor Shi Changyan, China State Bureau of Technical Supervision (CSBTS)
- Mr Keith Mann, National Standards Commission, Australia and
- Mrs Kerry Marston, consultant, National Standards Commission, Australia

He informed delegates that two representatives from Japanese overseas aid organisations have been invited to make presentations on 30th September, on Japan's policies on technical and financial assistance for legal metrology development in the region. They are Mr A. Hashimoto, the Managing Director, Tsukuba International Centre (TBIC), Japan International Cooperation Agency (JICA) and Mr T. Numachi of the International Development Center of Japan (IDJC).

The list of delegates and observers to the Forum meeting is attached in Appendix 1.

2.2 The Forum also noted that apologies were received from the following:

- Mr Andrew C W Wong, Hong Kong, China,
- Mr G. J. Faber, President OIML Council,
- Prof. Dr. M. Kochsiek, Vice President OIML Presidential Council,
- Dr Seton J Bennett, Chairman of WELMEC (Western European Legal Metrology Cooperation),
- Mr B E Beard, Chairman SALMEC (South African Legal Metrology Co-operation,