

ASIA-PACIFIC LEGAL METROLOGY FORUM

Report of the Sixth Meeting & Working Groups Meetings



**Nusa Dua, Bali
Indonesia**

7 - 9 September 1999

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PROGRAM

SIXTH ASIA–PACIFIC LEGAL METROLOGY FORUM MEETING 7 – 9 SEPTEMBER 1999

Bale Banjar Room, Hotel Putri Bali
Nusa Dua, Bali, Indonesia

REGISTRATION OF DELEGATES

6 September 1999 (Monday) 17:00 – 19:00
7 September 1999 (Tuesday) 08:00 – 08:50

7 SEPTEMBER 1999 WORKING GROUPS MEETINGS

Working Group on Mutual Recognition Arrangements
Working Group on Training
Working Group on Utility Meters
Working Group of Goods Packed by Measure
Working Group on Rice Moisture Measurement

8 – 9 SEPTEMBER 1999 SIXTH APLMF MEETING

8 SEPTEMBER 1999
Welcome Reception/Dinner
hosted by
Mr John Birch AM, Convenor APLMF
Hotel Putri Bali

9 SEPTEMBER 1999
Farewell Reception/Dinner
hosted by
Mr Rasben Simanullung, Director, Directorate Metrology, Indonesia
Angsa Putih Restaurant, Nusa Dua, Bali

SIXTH ASIA-PACIFIC LEGAL METROLOGY FORUM MEETING

NUSA DUA, BALI, INDONESIA

7 – 9 September 1999

LIST OF DELEGATES & OBSERVERS

<u>Chairman:</u>	Mr Bambang H. Hardiwiardjo Deputy Director General for Accreditation & International Cooperation National Standardization Agency, BSN, Indonesia.	
<u>Economy</u>	<u>Delegate</u>	<u>Organisation</u>
AUSTRALIA	Mr John BIRCH AM	-Convenor, APLMF & Executive Director, National Standards Commission
	Ms Loon HOOI	-APLMF Secretariat National Standards Commission
	Ms Kerry MARSTON	-Regional Training Coordinator, National Standards Commission
CANADA	Mr Alan JOHNSTON	-President, Measurement Canada, Industry Canada
	Mr Gilles VINET	- Vice-President, Program Development Measurement Canada, Industry Canada
PR CHINA	Mr HAN Jianping	-Director, Office of OIML Affairs, Metrology Dept, China State Bureau of Technical Supervision (CSBTS)
HONG KONG CHINA	Mr Peter KK CHAN	-Head of Trading Standards Investigation Bureau, Customs & Excise Department
INDONESIA	Mr Rasben SIMANULLANG	-Director, Directorate Metrology
	Mr Hamim RUBA'I	-Directorate Metrology
	Mr GUNARYO	-Directorate Metrology
	Mr Hari PRAWOKO	-Directorate Metrology
	Mr SUNARTOTO	-Chief of Research & Development of Calibration, Instruments & Metrology
	Mr Stephanus HENDRAWAN (Observer)	N.K.H. Scales and Company
	Ms Sumartini MAKSUM (Observer)	Center for Standardisation, Ministry of Industry & Trade
JAPAN	Mr Masanori OKONOJI	-Director of Weights & Measures Office, Ministry of International Trade & Industry
	Mr Yutaka MASUGUCHI	-Unit Chief, Weights & Measures Office, Ministry of International Trade & Industry
	Dr Toshio SAKURAI	-Director, Measurement System Dept, National Research Laboratory of Metrology
	Mr Toru KOJIMA	-Chief of Type Approval Section, National Research Laboratory of Metrology

	Mr Kazuo NEDA	-Chief of Standards Dissemination Section, National Research Laboratory of Metrology
	Dr Katsuo SETA	-Chief of Optical Measurement Section, NRLM, APMP Secretary (10/99)
REPUBLIC OF KOREA	Mr CHOI Bong-Sik	-Metrology Division, Agency for Technology & Standards (ATS), MOCIE
	Mr ROH Jae-Son	-Metrology Division, ATS, MOCIE
	Mr CHOI Jae-Bon	-Precision Machinery Division, ATS, MOCIE
	Dr LEE Sang-Zee	-Director, CAS R&D Center, CAS Corporation
MALAYSIA	Mr Md Nor Bin Md Chik	-General Manager, National Metrology Centre, SIRIM Berhad
	Mr CHEN Soo Fatt	-Manager of Mechanical Metrology, National Metrology Centre, SIRIM Bhd
	Mr Sulaiman Bin Salam	-Assistant Director, Enforcement Division, Ministry of Domestic Trade & Consumer Affairs
MONGOLIA	Mr Nordov BAYARMAGNAI	-Mongolian National Centre for Standardisation & Metrology
NEW ZEALAND	Mr John BARKER	-Senior Adviser, Trading Standards Service, Ministry of Consumer Affairs
PAPUA NEW GUINEA	Mr Kialou ANGAT	-Director General, National Institute of Standards & Industrial Technology, NISIT
PHILIPPINES	Mr Rodrigo DACUYAN	Head, Metrology Laboratory, Std & Testing, Industrial Technology Development Institute, ITDI
RUSSIAN FEDERATION	Dr Vladimir N KRUTIKOV	-Vice President of Gosstandart of Russia
	Dr Yury GOUSAKOV	-Head of Dept, Gosstandart of Russia, VNIIMS
CHINESE TAIPEI	Mr Hsing-Ming LIN	-Section Chief, Bureau of Standards, Metrology & Inspection, BSMI, MOEA
	Ms Pao-Chu KAO	-Center for Measurement Standards, Bldg 8, 321 Kuang Fu Rd., Sec. 2, Hsinchu, Taiwan
	Mr Chi-Shen CHANG	-Center for Measurement Standards, Bldg 16, Kuang Fu Rd., Sec. 2, Hsinchu, Taiwan
THAILAND	Mr Noravat SUWARN	-Director General Dept of Commercial Registration, DCR
	Mr Veerasak VISUTTHATHAM	-Director of Bureau of Weights & Measures, DCR
UNITED STATES OF AMERICA	Dr Sam CHAPPELL	-Chief, Technical Standards Activities Program, NIST
	Mr Aves THOMPSON	-Past Chairman, National Conference of Weights & Measures (NCWM)
VIETNAM	Dr Huynh Van QUANG	Deputy Director, Quality Assurance and Testing Center 3 – Directorate for Standards and Quality (STAMEQ)

INTERNATIONAL AND REGIONAL ORGANISATIONS

<u>Organisation</u>	<u>Name</u>	<u>Address</u>
Organisation Internationale De Metrologie Legale	M. B ATHANE Director BIML	Bureau Internationale De Metrologie Legale, 11, Rue Turgot, 75009 Paris, France
Consultant	Dr Knut BIRKELAND, Former Director General, Norwegian Metrology Service, and President of OIML (1980 - 1994)	Apartado No 132, E – 03 189 Orihuela Costa, Alicante, Spain



ASIA-PACIFIC LEGAL METROLOGY FORUM

REPORT BY THE CONVENOR MR JOHN BIRCH AM TO DELEGATES TO THE SIXTH ASIA-PACIFIC LEGAL METROLOGY FORUM MEETING

The Forum is now approaching its fifth anniversary and this provides an opportunity to review the progress that has been made in achieving the objectives of the Forum. The principal objectives of the Forum are:

1. To develop mutual confidence between members.
2. Remove technical barriers to trade.
3. Promote mutual recognition arrangements.
4. Cooperate with OIML.

Mutual confidence has developed as a result of personal contact at Forum meetings and information provided about legal metrology in each economy. The publication of the Directory of Legal Metrology in the Asia-Pacific (First Edition March 1995, Second Edition 1998), Forum Bulletins, establishment of the Forum web site (www.aplmf.org), the Technical Infrastructure Needs Study conducted by Dr K Birkeland and a wide range of surveys conducted by the Forum have all contributed to greater understanding of the structure and capability of legal metrology systems in the region.

The removal of technical barriers to trade has been promoted through the workshop on Modernisation of Legislative and Administrative Structures, by the intercomparisons on testing of non-automatic weighing instruments and load cells and by a wide range of training courses aimed at harmonising testing procedures in the region.

The Forum has actively supported the initiatives in OIML in developing a mutual recognition arrangement on pattern approval tests and has proposed also mutual recognition on prepacked label measures, measurement of bulk commodity exports and measurements used to show compliance with international obligations.

The Director of the BIML, Mr Bernard Athane, has attended all of the Forum meetings and responded very positively and actively to recommendations from the Forum to the CIML.

Finally, mention should be made about the development of training programs based on OIML recommendations (R76, R117). Whilst Australia has taken the lead in this activity, significant