



# ASIA-PACIFIC LEGAL METROLOGY FORUM

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## **APLMF Report to the CIML meeting in Shanghai, P.R.China on October 24-26, 2007**

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### **Introduction**

APLMF aims to harmonize measurement legislative system in the Asia-Pacific region. The forum and member economies are making efforts to achieve confidence in metrological control under legislation and consequently reduce friction and transaction costs in trade through such programs as technical training, test procedures comparison, metrological standard development and other infrastructure projects. The forum membership now comprises twenty-nine legal metrology authorities from twenty-six economies.

The forum programs shall support mutual recognition arrangement among the economies in the region to accept each other's data of trade measurements and test results concerning utility metering and regulatory standard. Those should be used to demonstrate their compliance with international treaty obligations with reliable measurements.

APLMF has worked closely with the APEC-SCSC (Asia-Pacific Economic Cooperation / Sub-Committee on Standards and Conformance) and relating SRBs (APLAC, APMP, PAC, and PASC), the OIML (International Organization of Legal Metrology) and other regional legal metrology organizations (WELMEC, COOMET, SADCMEI, SIM, and EMLMF) to develop structures for international harmonization of trade and legal measurements. Actual activities are conducted by the Working Groups, which detailed plans are proposed and discussed in the annual APLMF meeting, with assistance of the Secretariat.

Here are recent APLMF developments and activities, which was achieved in 2006.

### **President and Secretariat**

In the first several years since 1994, the Presidency and the Secretariat were carried by Australia. In January 2002, Japan succeeded the Presidency and the Secretariat and has been diligently promoting the APLMF activities. At the 13<sup>th</sup> APLMF meeting in November 2006, the P. R. China proposed to take over the Presidency and Secretariat. The P.R.China will start it's work since the 14<sup>th</sup> Forum Meeting in October, 2007.

New president and secretariat (after the 14<sup>th</sup> APLMF meeting):  
APLMF President; Mr. Pu Changcheng, Vice Minister, General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China (AQSIQ)  
APLMF secretariat staff; Ms. Zheng Huaxin, and Mr. Li Jinsi, Department of Metrology, AQSIQ.

Former president and secretariat (before the 14<sup>th</sup> APLMF meeting):  
APLMF President; Dr. Akira Ooiwa, NMIJ, Japan  
APLMF Secretariat; Dr. Tsuyoshi Matsumoto (executive secretary), Ms. Ayako Murata (secretary), NMIJ Japan.

## **Membership of the APLMF**

At present, there are 26 member economies composed of 20 full members: Australia, Cambodia, Canada, PR China, Hong Kong, China, Indonesia, Japan, DPR Korea, Rep. Korea, Malaysia, Mongolia, New Zealand, Papua New Guinea, Philippines, Russia, Singapore, Chinese Taipei, Thailand, USA and Viet Nam, and 6 corresponding members: Brunei Darussalam, Chile, Colombia, Lao PDR, Mexico and Peru. All the APEC members are nominated as the APLMF members.

## **Working Groups**

Actual activities of APLMF are planned and implemented by Working Groups (WGs). The Working Groups undertake specific tasks and clearly define terms of reference at annual forum meetings. Presently, there are following eight Working Groups:

1. WG on Training Coordination chaired by Australia
2. WG on Goods Packed by Measure chaired by New Zealand
3. WG on Utility Meters chaired by Canada
4. WG on Mutual Recognition Arrangements chaired by USA
5. WG on Medical Measurements chaired by Chinese Taipei
6. WG on Measurement of Moisture Content of Agricultural Commodities chaired by Japan
7. WG on Traceability in Legal Metrology chaired by Japan
8. WG on Pattern Compliance chaired by Australia

## **APLMF President attends the APEC SCSC meeting**

According to the APLMF strategy that was approved at the APLMF meeting, the president attended the first APEC-SCSC meetings in January 2007 in Canberra, Australia, and a representative from Australia attended the second SCSC meeting in Cairns in August 2007. The main tasks of the APLMF president and the representative were to persuade the SCSC participants to understand the significance of APLMF activities in order to promote the APLMF status in APEC.

Consequently the SCSC identify International Harmonization of Legal Metrology as the priority field for trade facilitation. The SCSC has agreed to activate training courses in order to encourage more participation from developing economies into the ongoing international MAA activities.

## **APEC/APLMF Seminars and Training Courses in Legal Metrology in the Financial Year 2005**

An APEC project ‘Seminar and Training Courses in Legal Metrology’ (CTI 10/2005T) was conducted successfully. This proposal aims to promote seminar and training courses concerning measurement instrumentation and application techniques in Legal Metrology especially for developing economies in the APEC region. Four APEC funded training courses were selected and conducted in FY2005. All training courses including the APEC funded courses conducted in FY2005 are listed in **Table 1**.

**Table 1. Seminars and Training Courses Conducted in FY 2005**

Course Title	Date	Venue	Host	Trainers	Attended Trainees
Training Course on Fuel Dispensers Verification of Non LPG / LPG Dispensers <sup>*2</sup>	April 25 - May 5, 2005	Hotel Garden Sea View Resort, Pattaya city, Thailand	Department of Internal Trade, Ministry of Commerce	Mrs. M. Haire and Mr. D. Hynes (AUS <sup>*1</sup> )	33 from 16 economies: KHM, CHN, HKG, IDN, PKR, KOR, LAO, MYR, MNG, PNG, PER, PHL, SGP, TWN, THA and VNM <sup>*1</sup>
Training on Traceability of Rice Moisture Meters <sup>*3</sup>	August 15-26, 2005	Manila, Philippines	NML – ITDI	Mr. Akamatsu, Dr. Tanaka, Mr. Watanabe, Mr. Yoshida (JPN)	23 from 9 economies: KHM, CHN, IDN, LAO, MYR, MNG, PHL, THA and VNM <sup>*1</sup>
Train the Trainer Course on the Verification of Non-Automatic Weighing Instruments <sup>*2</sup>	September 12-16, 2005	Aryaduta Hotel, Jakarta, Indonesia	Directorate of Metrology	Mr. K. Neda, Mr. T. Horikoshi and Dr. T. Matsumoto (JPN)	23 from 13 economies; KHM, CHN, IDN, PRK, LAO, MYR, MNG, PNG, PER, PHL, TWN, THA and VNM <sup>*1</sup>
Traceability of Non-Contacting Clinical Thermometers <sup>*3</sup>	September 19-22, 2005	Bangkok, Thailand	Department of Internal Trade, Ministry of Commerce	Ms. Fukuzaki, Mr. Nakazawa, Mr. Akamatsu (JPN) and Mr. Sakchai (THA)	14 from Thailand
Traceability of Non-Contacting Clinical Thermometers <sup>*3</sup>	December 5-8, 2005	Shah Alam, Malaysia	SIRIM Berhad	Ms. Fukuzaki, Mr. Oonishi, Mr. Akamatsu (JPN) and Mr. Chen Soo Fatt (MYS)	21 from Malaysia
Seminar on Clinical Electrical Thermometers <sup>*4</sup>	December 20-23, 2005	Howard International House, Taipei, Chinese Taipei	Bureau of Standards, Metrology and Inspection	Mr. K. Katayama, Mr. M. Ikeda, Mr. M. Horita, Mr. H. Ikegami (JPN) and Ms. S. Tsai (TWN)	21 from 8 economies: KHM, IDN, MYR, MNG, PNG, PHL, TWN and VNM <sup>*1</sup>
Training Course on Electricity Meters <sup>*2</sup>	February 28-March 3, 2006	Rex Hotel, Ho Chi Minh city, Vietnam	Directorate for Standards and Quality	Mr. G. Smith, Mr. P. Rivers (CAN), Mr. T. Oki and Mr. M. Tetsuka (JPN)	35 from 13 economies: KHM, CHL, CHN, IDN, JPN, LAO, MYS, MNG, PNG, PHL, TWN, THA and VNM <sup>*1</sup>
Training Course on Practical Application of OIML R87 on Prepackaged Goods <sup>*2</sup>	April 3-7, 2006	Concorde Hotel, Shah Alam, Malaysia	Ministry of Domestic Trade and Consumer Affairs / SIRIM	Mr. J. Carter and Ms. A. Cordeiro (NZL)	40 from 16 economies: KHM, CHL, CHN, IDN, JPN, PRK, LAO, MYS, MNG, PNG, PER, PHL, SGP, TWN, THA and VNM <sup>*1</sup>

**\*1: Economy (abbreviation based on ISO 3166):** Australia (AUS), Brunei Darussalam (BRN), Cambodia (KHM), Canada (CAN), Chile (CHL), Hong Kong China (HKG), PR China (CHN), Germany (DEU), Indonesia (IDN), Japan (JPN), DPR Korea (PRK), R. Korea (KOR), Lao PDR (LAO), Malaysia (MYS), Mexico (MEX), Mongolia (MNG), Myanmar (MMR), New Zealand (NZL),

Peru (PER), Papua New Guinea (PNG), Philippines (PHL), Singapore (SGP), Chinese Taipei (TWN), Thailand (THA) and Vietnam (VNM).

\*2: Supported by the APEC-TILF fund.

\*3: Supported by the Ministry of Economy, Trade and Industry (METI), Japan

\*4: Conducted by APLMF only.

### **APEC/APLMF Seminars and Training Courses to be Conducted in the Financial Year 2006/2007 and After.**

The current APEC project ‘Seminar and Training Courses in Legal Metrology’ (CTI 11/2006T) has been conducted with a support from APEC-TILF fund in 2006. Each training and seminar courses are shown in **Table 2**. Future training courses approved in the APEC-TILF fund in 2007 are listed in **Table 3**.

**Table 2. Seminar and Training Courses Finished or to be Conducted in FY 2006**

<b>Course Title</b>	<b>Date</b>	<b>Venue</b>	<b>Host</b>	<b>Trainers</b>	<b>Trainees</b>
Training Course on CNG Fuel Dispensers <sup>*2</sup>	June 27-30, 2006	Grand Blue Wave Hotel, Shah Alam, Malaysia	Ministry of Domestic Trade and Consumer Affairs / SIRIM	Mr. C. Nelson and Mr. N. Ingram (USA <sup>*1</sup> )	29 from 14 economies: KHM, CHL, CHN, IDN, PRK, JPN, LAO, MYS, MNG, PNG, PER, PHL, SGP, THA and VNM <sup>*1</sup>
Seminar on Automated Sphygmomanometers <sup>*2</sup>	July 17-21, 2006	Howard International House, Taipei, Chinese Taipei	Bureau of Standards, Metrology and Inspection	Dr. S. Mieke (DEU), Mr. S. Bunryo (JPN), Mr. C-C. Hung (TWN), Dr. C-C. Lin (TWN)	23 from 11 economies: KHM, IDN, JPN, MYS, MNG, PNG, PER, PHL, SGP, TWN and VNM <sup>*1</sup>
Training Course on Verification of LPG Fuel Dispensers <sup>*2</sup>	August 28 Sept. 1, 2006	Bund Hotel, Shanghai, PR China	General Administration of Quality Supervision, Inspection and Quarantine	Mrs. M. Haire, Mr. R. Plummer (AUS)	24 from 14 economies: KHM, CHN, HKG, IDN, KOR, MYR, MNG, PHL, TWN, THA, VNM, CHL, LAO and PER <sup>*1</sup>
Workshop on Metrology of Agricultural Products and Foods <sup>*2</sup>	February 7-9, 2007	Central Duangtawan Hotel, Chiang Mai, Thailand	Department of Internal Trade, Ministry of Commerce	24 speakers from AUS, KMH, CHN, HKG, IDN, JPN, MYR, MEX, MNG, THA, and VNM.	87 participants from 12 economies: AUS, KMH, CHN, HKG, IDN, JPN, MYR, MEX, MNG, PNG, THA and VNM
Seminar on Electricity Meters <sup>*2</sup>	March 19-22, 2007	Yu Yang Hotel, Beijing, PR China	General Administration of Quality Supervision, Inspection and Quarantine	Mr. Oki, Mr. Tetsuka, Mr. Hata, Mr. Nagashima (JPN) and Dr. Lu (CHN)	35 audiences from 12 economies: KMH, CHI, CHN, IDN, PRK, MYR, MNG, PNG, PER, TWN, THA and VNM

**Table 3. Seminars and Training Courses Proposed for FY 2007**

Course Title	Date	Host	Trainers	Place
Training Course on Mechanical Weighing Scales* <sup>5</sup>	Sept. 25-28, 2007	Directorate for Standards and Quality	Mr. Neda, Mr. Horikoshi (JPN)	Ho Chi Minh, Vietnam
Training Course on CNG Fuel Dispensers* <sup>5</sup>	Nov. 13-16, 2007	SIRIM Berhad	Dr. Rahman, Mr. Sherman (MYR)	Shah Alam, Malaysia
Workshop on Product Safety* <sup>5</sup>	Early 2008	TBD	TBD	TBD
Workshop on Food Safety and Agricultural Metrology* <sup>5</sup>	Early 2008	TBD	TBD	TBD

\*5: Approved in the APEC-TILF fund of FY2007.

### **Information service; circulars and website**

APLMF Circulars are published every four months. The APLMF website (<http://www.aplmf.org>) is frequently updated and makes available the documents and outcomes of trainings and seminars to the members. The information distribution to members is one of the main tasks of the Secretariat, and the website is a strong tool for this purpose. Non member person who is interested in these activities should make a contact with the secretariat to have the name and password to access to the reports and materials. The website is making progress.

### **Forum Meeting and WGs Meetings**

The 14th APLMF Forum Meeting and WGs Meeting are held on October 18-20, 2007 in ZhouZhuang, P.R.China. Further information can be obtained from the Secretariat and the website.

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