

ASIA-PACIFIC LEGAL METROLOGY FORUM

Report of the Seventh Meeting
& Working Groups Meetings

Taipei, Chinese Taipei

2 – 4 October 2000

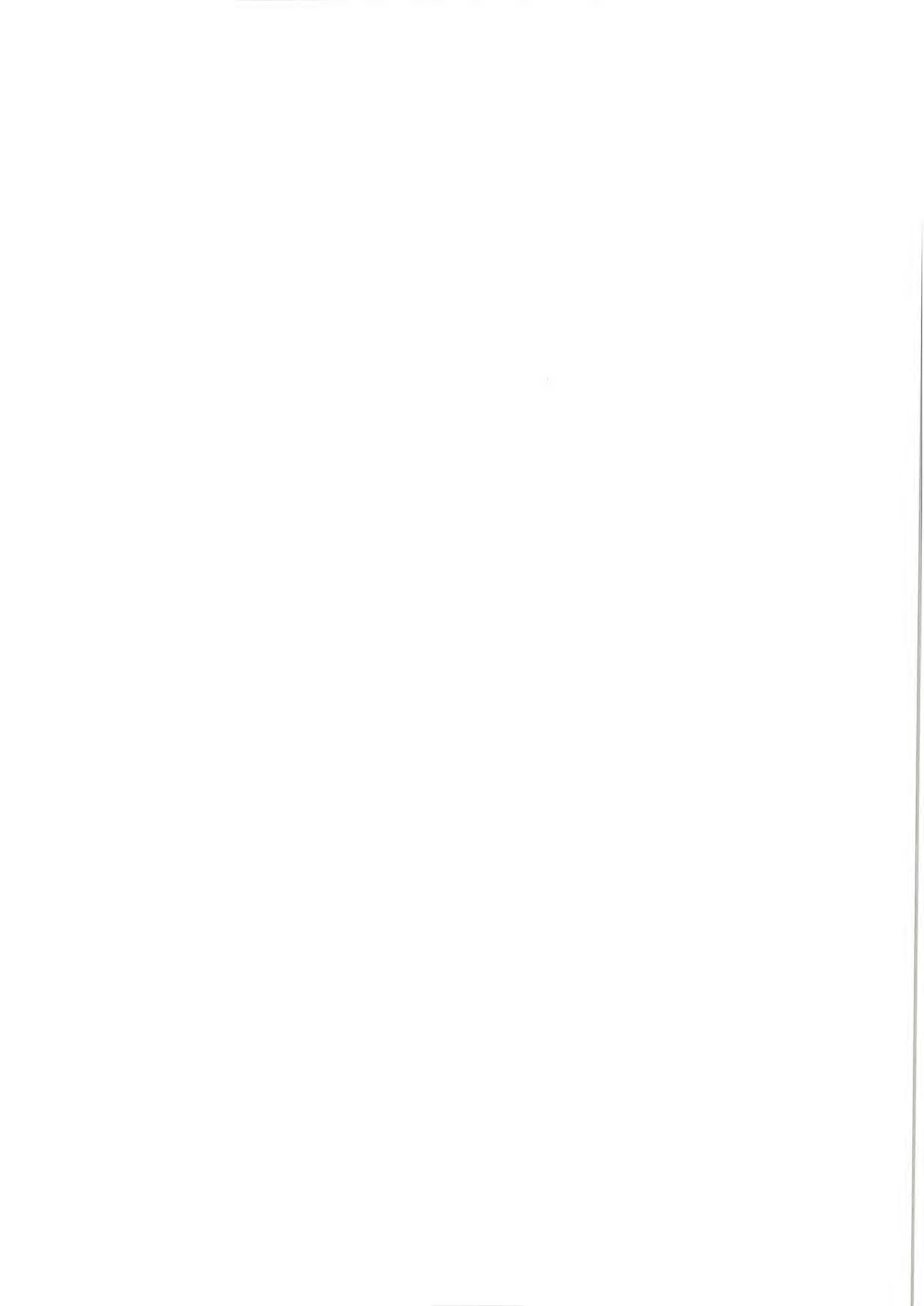
Published by the Asia–Pacific Legal Metrology Forum Secretariat
c/ National Standards Commission
12 Lyonpark Road, North Ryde, NSW 2113
Postal Address: PO Box 282 North Ryde, NSW 1670
Australia

International Telephone: +61-2-9888 3922
International Facsimile: +61-2-9888 3033

11 December 2000

CONTENTS

	Page No.
Program	1
Agenda	2
Report of the Seventh Forum meeting	7
Work Program for 2000/2001	24
List of Appendices	
1. Appendix 1 – Address by Mr Neng-Jong Lin, Director General of the Bureau of Standards, Metrology and Inspection, BSMI and Chairman of the Forum meeting.	28
2. Appendix 2 – Address by Mr John Birch AM President APLMF.	29
3. Appendix 3 – Opening address by Mr Ruey-Jong Chen, Vice Minister of Economic Affairs, Chinese Taipei	30
4. Appendix 4 – List of delegates & observers to Forum meeting	32
5. Appendix 5 – Report by Mr John Birch AM, President APLMF	35
6. Appendix 6 – Report of Working Group on Mutual Recognition Arrangements	37
7. Appendix 7 – Report of Working Group on Training	38
8. Appendix 8 – Report of Working Group on Utility Meters	39
9. Appendix 9 – Report of Working Group on Goods Packed by Measure	40
10. Appendix 10 – Report of Working Group on Medical Measurements	41
11. Appendix 11 – Report of Working Group on Rice Moisture Measurement	42
12. Appendix 12 – Report of Working Group on Taximeters	43
13. Appendix 13 – Report of Working Group on Intercomparison Testing and Calibration	44
14. Appendix 14 – Agenda for Working Groups meeting	45
List of delegates & observers to the Working Groups meetings	47



ASIA-PACIFIC LEGAL METROLOGY FORUM

PROGRAM

SEVENTH ASIA-PACIFIC LEGAL METROLOGY FORUM MEETING

2 – 4 OCTOBER 2000

The Grand Hotel Taipei
Chinese Taipei

REGISTRATION OF DELEGATES

1 October 2000 (Sunday)	14:00 – 17:00
2 October 2000 (Monday)	08:00 – 08:50

2 OCTOBER 2000

WORKING GROUPS MEETINGS

Mutual Recognition Arrangements
Training
Utility Meters
Goods Packed by Measure
Medical Measurements
Rice Moisture Measurements
Taximeters
Intercomparison Calibration and Testing

3 – 4 OCTOBER 2000

SEVENTH APLMF MEETING

3 October 2000

Welcome Reception

hosted by

Mr John Birch AM, President APLMF
The Grand Hotel Taipei

4 October 2000

Farewell Reception

hosted by

Mr Neng-Jong Lin, Director General, BSMI
The Grand Hotel Taipei

ASIA-PACIFIC LEGAL METROLOGY FORUM

AGENDA

SEVENTH ASIA-PACIFIC LEGAL METROLOGY FORUM MEETING 3 – 4 October 2000

The Grand Hotel
Taipei, Chinese Taipei

REGISTRATION OF DELEGATES

1 October 2000 (Sunday) 14:00 – 17:00
2 October 2000 (Monday) 08:00 – 08:50

OPENING CEREMONY

3 October 2000 (Tuesday)

PROGRAM

0800 Registration of delegates and participants
0900 Arrival of Vice-Minister Mr Chen and officials
Introduction of Vice-Minister Mr Chen by Director General
BSMI/Chairman of Forum meeting to President APLMF/Executive
Committee/Heads of delegation of each economy
0930 Welcome Address by Mr. Neng-Jong Lin,
Director General, BSMI and Chairman of Forum meeting
0940 Address by Mr John Birch AM, President APLMF
0950 Address by Vice Minister and official opening of APLMF meeting
1010 Photographs
1015 Morning coffee/tea
1030 Guests depart and Forum meeting commences.

Chairman: Mr Neng-Jong Lin, Director General,
Bureau of Standards, Metrology and Inspection (BSMI)

1. Welcome Address by Mr Neng-Jong Lin, Chairman of the Forum meeting.
2. Opening Remarks by Mr John Birch AM, President, APLMF.
3. Roll call of members – attendance/apologies of members at Forum meeting.

4. Confirmation of Report of the Sixth Forum meeting held in Nusa Dua, Bali, Indonesia, on 7 – 9 September 1999.
5. Report of the APLMF by the President, Mr John Birch AM, including report by the APLMF Executive Committee.
6. Discussion on implementation of the Memorandum of Understanding for members of the Asia–Pacific Legal Metrology Forum and proposal for introduction of a category of fees for “least developing economies”.
7. Report of the Working Groups meetings held on 2 October 2000:
 - 7.1 Mutual Recognition Arrangements
 - 7.2 Training
 - 7.3 Utility Meters
 - 7.4 Goods Packed by Measure
 - 7.5 Medical Measurements
 - 7.6 Rice Moisture Measurements
 - 7.7 Taximeters
 - 7.8 Non-automatic weighing instruments
8. Report on progress of the Forum Work Plan:

Work Program for 1999/2000

- Establish a Working Group on Medical Measurements with a project on Sphygmomanometers (blood pressure meters).
- Monitor the need for translating measurement legislation into English for those economies where their legislation is currently not in English.
- Consider ways to involve consumers in Forum activities.
- Finalise and publish the resource document on modernisation of legislative and administration systems.
- Finalise the reports of the intercomparisons on non-automatic weighing instruments and load cells.
- Commence the intercomparison on mass standards and master meters.
- APLMF support the need for harmonisation of international standards in relation to Goods Packed by Measure, including:
 - (a) standard sizes;
 - (b) permitted deficiencies due to dehydration; and
 - (c) drained weights.
- APLMF to provide input into the development of harmonised international standards on Goods Packed by Measure, which is necessary to ensure the Asia-Pacific’s Region views and requirements are fully considered by those developing such international standards.

- The survey on prepacked goods requirements in other regions be continued.
- APLMF continue to discuss with OIML the need for priority to be given to extending the OIML recommendation on nett contents to include metrological control of packing facilities involving quality systems, accreditation of test facilities, statistical sampling of output and certification by the legal metrology authority.
- APLMF continue to discuss with OIML the consideration of developing an international system of marking of labelled measurement to facilitate international trade in prepacked goods (an extension of the European E mark system).
- The secretariat survey member economies to provide the contact details of the organisation/s within the member economy who have responsibility for administration of their economies legal provisions in relation to Goods Packed by Measure.
- Consideration be given to establishing a small “ad hoc” group within the Working Group on Goods packed by Measure, to develop proposals or requirements for goods packed by measure, for discussion and decision by APLMF.
- Following the adoption of the recommendation on water meters by the CIML, the secretariat to survey the application of this recommendation by member economies.
- Support OIML Technical Committees on:
 - (a) Electricity meters; and
 - (b) Statistical sampling.
- The train the trainer modules for the pattern approval and for the verification and inservice inspection of non-automatic weighing instruments be promoted and run as requested.
- Train the trainer modules for the pattern approval and verification of petroleum and LPG dispensers be developed and training courses run before the end of 2000.
- A Regional Directory of Training and a regional network of trainers be developed.
- Discussions be held with BIML on the development of an international legal metrology training network and international accreditation of legal metrology training courses.
- Consideration be given to developing training courses in:
 - (a) Standards laboratory officers training;
 - (b) Goods packed by measure;
 - (c) High capacity weighing and high capacity flow measurement as extension of the introductory courses;
 - (d) Compressed natural gas dispenser pattern approval and verification;
 - (e) Vehicle speed measuring devices and evidential analysis devices;
 - (f) Automotive emission measurements and other environmental measurements;
 - (g) Measurement uncertainty in legal metrology; and
 - (h) Application of accreditation and quality certification in legal metrology.