Training Coordination Report

Presented by: Mrs Marian Haire
APLMF Training Coordinator
• WG Members:
  – Marian Haire
  – Phil Sorrell
  – Alan Johnson
  – Chung-Lin Wang
  – Tsuyoshi Matsumoto
  – Guo Su
  – Charles Ehrlich
# Key activities of 2016/17

<table>
<thead>
<tr>
<th>Course</th>
<th>Venue/host</th>
<th>Trainers</th>
<th>Delivery dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Verification of rice moisture</td>
<td>Sepang, Malaysia</td>
<td>Japan and Malaysia</td>
<td>17–21 July 2017</td>
</tr>
<tr>
<td>Verification of bulk fuel systems</td>
<td>Pattaya City, Thailand</td>
<td>Australia and Thailand</td>
<td>24–27 July 2017</td>
</tr>
<tr>
<td>Pattern approval and verification of water meters</td>
<td>Sepang, Malaysia</td>
<td>Australia and Malaysia</td>
<td>12–14 September 2017</td>
</tr>
<tr>
<td>Verification of weighbridges</td>
<td>Beijing, PR China</td>
<td>PR China</td>
<td>26–29 September 2017</td>
</tr>
</tbody>
</table>
Key feature of this year’s work

- Identified expert trainers from developing economies
- Malaysia supported rice moisture and water meters courses and developed training facility to deliver practical training for verifying weighbridges
- Thailand supported bulk fuel meters course – previously delivered fuel course
- Malaysia, Thailand and Philippines want to establish training centres
• Modernising National Metrology Infrastructures: Key issues – approaches – lessons learned
• Focus on Joint APLMF APMP projects:
  – Guide 1 National Metrological Infrastructure
  – Joint web portal and case studies
• Directors from 15 developing economies participated
• Interactive workshop - evaluated highly.
Evaluation of MEDEA 1

- External consultant interviewed participants and CC members during Malacca workshop
- Information gathered during evaluation and workshop will be used to develop proposals for MEDEA 2.
Analysis of Survey Results

Test procedure for NAWI digital indication

<table>
<thead>
<tr>
<th>Does your economy’s test procedures align with the test procedures described in this survey.</th>
<th>Yes</th>
<th>No</th>
<th>Not applicable*</th>
</tr>
</thead>
<tbody>
<tr>
<td>80%</td>
<td>10%</td>
<td>10%</td>
<td></td>
</tr>
</tbody>
</table>

*Not applicable: Local procedures are much more generic and seem to be more subject to interpretation
# NAWI with digital indication

**Test name** | **Total economies surveyed** | **Agree** | **Disagree** | **Economies not responded**
--- | --- | --- | --- | ---
1. Visual inspection | 19 | 11 | 0 | 9
2. Repeatability | 19 | 9 | 1 | 9
3. Eccentricity | 19 | 9 | 1 | 9
4. Zero setting | 19 | 9 | 1 | 9
5. Zero Tracking | 19 | 9 | 1 | 9
6. Weighing Performance | 19 | 10 | 0 | 9
7. Discrimination | 19 | 9 | 1 | 9
8. Accuracy of tare setting | 19 | 9 | 1 | 9
9. Price-computation | 19 | 9 | 1 | 9

**Economies that participated in the survey were:** Australia, Canada, Cambodia, Japan, New Zealand, Papua New Guinea, Philippines, Singapore, Chinese Taipei, Viet Nam

No response means the country did not respond to the survey questionnaire.
Test procedure for NAWI with digital indication

1. Visual Inspection
2. Repeatability
3. Eccentricity
4. Zero Setting
5. Zero Tracking
6. Weighing Performance
7. Discrimination
8. Accuracy of tare setting
9. Price Computation

agree disagree
Purpose of these surveys

- Capture a summary of the test procedures that trainers are advocating during courses
- Provide quality control over training programs
- Create a snapshot of how the region is implementing/interpreting OIML recommendations
- Provide a resources for developing economies to benchmark against
Future focus – Recommendations

• MEDEA 1 will continue to April 2018
• MEDEA 2 will be funded for a further 3 years – will build on MEDEA 1
• You need to guide the direction of MEDEA 2
• Ideas gathered will be further workshopped in 2018 and a full program developed
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<tbody>
<tr>
<td>Verification of NAWI including weighbridges</td>
<td>Sepang, Malaysia</td>
<td>Australia and Malaysia</td>
<td>May 2018</td>
</tr>
<tr>
<td>Water meters</td>
<td>Sepang, Malaysia</td>
<td>Malaysia</td>
<td>2019</td>
</tr>
<tr>
<td>Verification of rice moisture meters</td>
<td>Pattaya</td>
<td>Thailand</td>
<td>Nov 2018</td>
</tr>
<tr>
<td>Reference standards</td>
<td>?</td>
<td>?</td>
<td></td>
</tr>
</tbody>
</table>
Future focus – emerging issues

• APMP focus groups:
  – Clean Water,
  – Climate Change,
  – Energy Efficiency,
  – Food Safety,
  – Medical Diagnostic Equipment.

• How could APLMF support these initiatives?
OIML Regional Training Centre

• China hosting

• How can we support this initiative?
Your support is required

- I look forward to your questions and suggestions
- Please advise if you wish to be a host or supply trainers.