



International Organization of Legal Metrology

Organisation Internationale de Métrologie Légale

OIML Update

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OIML Update

- Outcome of the 2009 CIML Meeting
- Development of the MAA
- Seminar on priorities for legal metrology in trade
- Seminar on smart meters
- JCGM
- Cooperation with WELMEC
- For general information: www.oiml.org



44th CIML Meeting

(Mombasa, Kenya, 27-30 October 2009)



OIML Membership

- **New Corresponding Members:**
 - Dominican Republic;
 - UEMOA (West African Economic and Monetary Union: Benin, Burkina Faso, Côte d'Ivoire, Mali, Niger, Senegal, Togo. and Guinea-Bissau).
- Colombia is in the process of ratifying the OIML Convention (and the Meter Convention)



New Publications

- R 138 (Amended): *“Vessels for commercial transactions”*
(includes capacity serving measures and measuring container bottles)
- R 143: *“Instruments for the continuous measurement of SO₂ in stationary source emissions”*



Confirmed Publications

- R 14: "Polarimetric saccharimeters graduated in accordance with the ICUMSA International Sugar Scale"
- R 48: "Tungsten ribbon lamps for the calibration of radiation thermometers"
- R 75-1: "Heat meters. Part 1: General requirements"
- R 75-2: "Heat meters. Part 2: Type approval tests"
- R 75-3: "Heat meters. Part 3: Test Report Format"
- R 84: "Platinum, copper, and nickel resistance thermometers (for industrial and commercial use)"
- R 124: "Refractometers for the measurement of the sugar content of grape musts".



New TC/SC Projects

- TC 3/SC 5: Revision of D 30: “Guide for the application of ISO/IEC 17025 to the assessment of Testing Laboratories involved in legal metrology”
- TC 6: Revision of R 87: “Quantity of product in prepackages”
- TC 6: New publication on methods to determine the actual quantity of product in prepackages (drained weight, etc.) in collaboration with WELMEC WG 6
- TC 8: Revision of R 63: “Petroleum measurement tables”
- TC 8: Revision of R 119: Pipe provers for testing of measuring systems for liquids other than water”



Withdrawn Publications

- R 70: “Determination of intrinsic and hysteresis errors of gas analyzers”
- R 73: “Requirements concerning pure gases CO, CO₂, CH₄, H₂, O₂, N₂ and Ar intended for the preparation of reference gas mixtures”
- D 7: “The evaluation of flow standards and facilities used for testing water meters”



OIML MAA

- **New Declaration of Mutual Confidence:**
 - Fuel dispensers based on OIML R 117:1995 and R 118:1995 including the requirements of OIML R 117-1 edition 2007 as additional requirements.
- **Instrument categories in the MAA:**
 - Non-automatic weighing instruments,
 - Load-cells,
 - Water meters,
 - Catchweighers,
 - Fuel dispensers.



Directives for OIML Technical Work

- OIML B 6-1 “*Directives for OIML Technical Work*” is under revision.
- Some proposals:
 - One TC for each publication,
 - No more SCs,
 - Changes to the management of the technical work,
 - Minimum of 6 P-members from 2 regions for a TC,
 - Introduction of “Final Draft” after TC approval
 - No preliminary on-line ballot



Award for Developing Countries

- OIML Award 2009 for Excellent Contributions to Legal Metrology
- Winner: Eng. Osama Melhem of Jordan
- Call for nominations for the 2010 Award

See OIML web site at:

http://workgroups.oiml.org/developing_countries



Next CIML Meetings

- 45th CIML meeting:
 - 20-24 September 2010, Orlando, USA
- 46th CIML meeting:
 - 2011, Prague, Czech Republic



Post-Mombasa Web Site

All info (resolutions, presentations, etc.)
available on the
'OIML Post-Mombasa 2009 Web Site' at:

<http://www.oiml.org/events/mombasa/index.html>



RLMO Round Table

Presentations from:

AFRIMETS

COOMET

SIM

APLMF

EMLMF

WELMEC

ASEAN

MAGMET

Available on the OIML web site at:

<http://workgroups.oiml.org/ciml-2009/regional-organizations>



RLMO Round Table

- Objectives:
 - Information exchange;
 - investigate special needs of the regions;
 - develop relationships with donor bodies.
- Some conclusions:
 - No need for a MoU;
 - multiplicity of requirements is a burden for developing countries, therefore:
 - harmonization work in OIML is beneficial for developing countries



RLMO Round Table

- Actions:
 - Identify funding sources for legal metrology development projects (BIML + RLMOs);
 - Compile list of trainings organized by RLMOs and publish on we site (BIML);
 - Contact World Wine Trade Group to inform about barriers to trade identified (BIML);
 - Make info on implementation of OIML Rs available sorted by region (BIML);
 - Ask developing economies whether 'metrology' is included in their national development strategies.



OIML Seminar on

Priorities for Legal Metrology for Trade (Mombasa, Kenya, 26 October 2009)



OIML Seminar on Priorities for Legal Metrology for Trade

- Presentations available on OIML web site at:
<http://workgroups.oiml.org/ciml-2009>
- As a result of the discussions in the seminar and the RLMO Round Table, the CIML passed a resolution on the issue of international standards to facilitate trade.



CIML Resolution on International Standards for Trade

The Committee noted:

- The increasing importance of prepackaged foods and beverages in global trade that now accounts for over 75% of agri-foods exports.
- Developing country exports are particularly disadvantaged by having to conform to a multiplicity of international requirements.
- That the review of the longstanding OIML R 79 arising from the World Wine Trade Group Labelling Agreement and the 2006 OIML seminar on prepackaging has not resulted in an exemption for wine labelling.

The Committee recommended that CIML Members bring this resolution to the attention of their national WTO-TBT enquiry point.



OIML Seminar on Smart Meters

(Brijuni, Croatia, 2-5 June 2009)



OIML Seminar on Smart Meters

- Presentations, conclusions and background information available on the OIML web site at:

<http://www.oiml.org/seminars/index.html>

- Seminar resolution:

“It is the opinion of the participants in this seminar that metrological control extends to the point where the consumer can verify that the measurement results used for billing are consistent with the reading of the meter.”



OIML Seminar on Smart Meters

- Follow-up activity:
 - Ad-hoc working group to draft guidance for additional requirements and tests to be considered by relevant OIML TCs/SCs
 - Guidance to be published as an OIML Expert report end of 2009/early 2010.



Joint Committee for Guides in Metrology (JCGM)



JCGM

- JCGM Member Organizations:
BIPM, OIML, ISO, IEC, IUPAC, IUPAP,
IFCC and ILAC
- *JCGM/WG 1:*
International Vocabulary of Metrology (VIM)
- *JCGM/WG 2:*
Guide for the expression of uncertainty in
measurement (GUM) and related documents
- Info: <http://www.bipm.org/en/committees/jc/jcgm/>



JCGM

- JCGM documents are published by the member organizations
- OIML Publications of JCGM documents:
 - OIML V 2-200:2007 - VIM (E/F)
 - OIML G 1-100:2008 - GUM
 - OIML G 1-101:2008 - Supplement 1 to the GUM
 - OIML G 1-104:2009 - Introduction to the GUM
- Under development
 - OIML G 1-106: Measurement uncertainty in conformity assessment



Cooperation with WELMEC



Cooperation with WELMEC

- WELMEC =
European Cooperation in Legal Metrology
- Main purpose =
To develop guidance documents for the
implementation of EU directives in the field
of metrology (NAWI and MID)
- Info: www.welmec.org



Cooperation with WELMEC

- WELMEC publishes guides with correspondence tables between MID essential requirements and OIML Recommendations
- OIML Recommendations are normative documents giving presumption of conformity to the essential requirements of the MID



Cooperation with WELMEC

- WELMEC is developing risk assessment tools for market surveillance and enforcement
- OIML is considering the development of a risk assessment model to be used in the various phases of metrological control, including the drafting of standards



The End