

# **International Legal Metrology Update**

**for the 2015 NCWM Annual Meeting in Philadelphia**



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# Load Cells

OIML TC9:

Instruments for Measuring Mass and Density  
(U.S. is Secretariat)

- **A meeting of the TC9 Project Group was held at NIST in March 2014.**
- **The voting and comment period on the 3<sup>rd</sup> CD of R60 (Parts 1 & 2) closed in November 2014 ... results indicated that a 4<sup>th</sup> CD should be developed.**
- **A 4<sup>th</sup> CD of R60 (Parts 1 & 2) and a 1<sup>st</sup> CD of R60 (Part 3, the Test Report Format) are under development and are expected to be circulated this Fall.**



NIST Office of Weights and Measures Contact: **John Barton**



# Automatic Weighing Systems

OIML TC9/SC2

(United Kingdom is the Secretariat)

- **All 3 parts of the Draft Recommendation of R 50 “*Continuous Totalizing Automatic Weighing Instruments*” (Belt-Conveyor Scale Systems) were approved by the CIML in November 2014.**
- **OIML R50 was published in March 2015 and is available on the OIML website.**
- **The Secretariat has announced a possible project to revise OIML R 51 “*Automatic catch-weighing instruments*” (last revised in 2006).**



NIST Office of Weights and Measures Contact: **John Barton**



# Static Volume and Mass Measurement

OIML TC8/SC1

(Germany is the Secretariat)

- **OIML R71 “*Fixed Storage Tanks*” and OIML R85 “*Automatic Level Gauges*” are being jointly revised. The 1CDs of both recommendations are planned for distribution this Fall.**
- **New drafts of R80-2 and R80-3 “*Road and Rail Tankers with Level Gauging*” were distributed two weeks ago.**
- **A subcommittee meeting will be held in Germany in September.**



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# Dynamic Measuring Systems for Liquids other than Water

OIML TC8/SC3

(US and Germany are Co-Secretariats)

- **OIML R117-2 and R117-3 received final CIML approval with 100% consensus in November 2014. Both were published in April 2015.**
- **A new project for an “immediate revision” of all 3 parts of R117 was approved by the CIML in November 2014.**
- **The project will include new requirements and test procedures for:**
  - **Measuring systems for liquefied natural gas (LNG); and**
  - **Measuring systems for bunker fuel.**
- **Distribution of the 1CD of all three parts (~500 pages) is planned for December 2015.**





# Gas Metering

OIML TC8/SC7

(Netherlands is the Secretariat)

- **All three parts of OIML R137 “*Gas Meters*” have now been published.**
- **A new ANSI B109 standard is under development that is significantly harmonized with OIML R 137. The standard has been reviewed by the ANSI B109 committee and the gas measurement committees of AGA and API.**
- **The CIML approved OIML R139 “*Compressed gaseous fuel measuring systems for vehicles*” in Nov 2014, and R139 was published in February 2015.**



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# Prepackaged Products – Labeling and Net Quantity

OIML TC 6

(South Africa is the Secretariat)

- **US voted “yes” on the CIML Preliminary Ballot of R 79 “*Labeling Requirements for Prepackaged Products*” in June 2015 ... expect final CIML approval for R79 in October.**
- **A Preliminary Ballot on OIML R 87 “*Quantity of Product in Prepackages*” (like HB 133 is expected later this year.**
- **A new guide on establishing bilateral agreements for acceptance of prepackage certification is under development by the Secretariat.**
- **No further meetings of TC6 are scheduled at this time.**





# Moisture Meters For Cereal Grain and Oilseeds

OIML TC17/SC1

(US and China are Co-Secretariats)

- **The 7<sup>th</sup> CD of R59 “*Moisture Meters For Cereal Grain and Oilseeds*” was approved by the Project Group in April 2015.**
- **R59 was developed with the Recommendation on “*Protein Measuring Instruments for Cereal Grains and Oil Seeds*” to ensure harmonization ... many tests and requirements are the same as US type evaluation requirements.**
- **The preliminary ballot draft of R59 is expected later this year.**







# Protein Measuring Instruments for Cereal Grain and Oilseeds

OIML TC17/SC8

(Australia is the Secretariat)

- **The 5<sup>th</sup> CD of a new (Recommendation) on “*Protein Measuring Instruments for Cereal Grain and Oil Seeds*” was approved by the Project Group in December 2014.**
- **A preliminary ballot draft of this new (Recommendation) is expected later this year.**



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# Conformity to Type (CTT)

OIML TC 3/SC 6

(New Zealand is the Secretariat)

- **An OIML Project Group was established to develop a guidance document that describes global CTT practices.**
- **The US voted “yes” in Feb 2015 on a 2<sup>nd</sup> CD of “*Conformity to type (CTT) – Pre-market conformity assessment of measuring instruments.*”**
- **NCWM/NTEP submitted text which reflects NTEP/VCAP program changes for Section 8 on existing CTT Systems.**



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# OIML Certificate System and Mutual Acceptance Arrangement (MAA)

OIML TC 3/SC 5

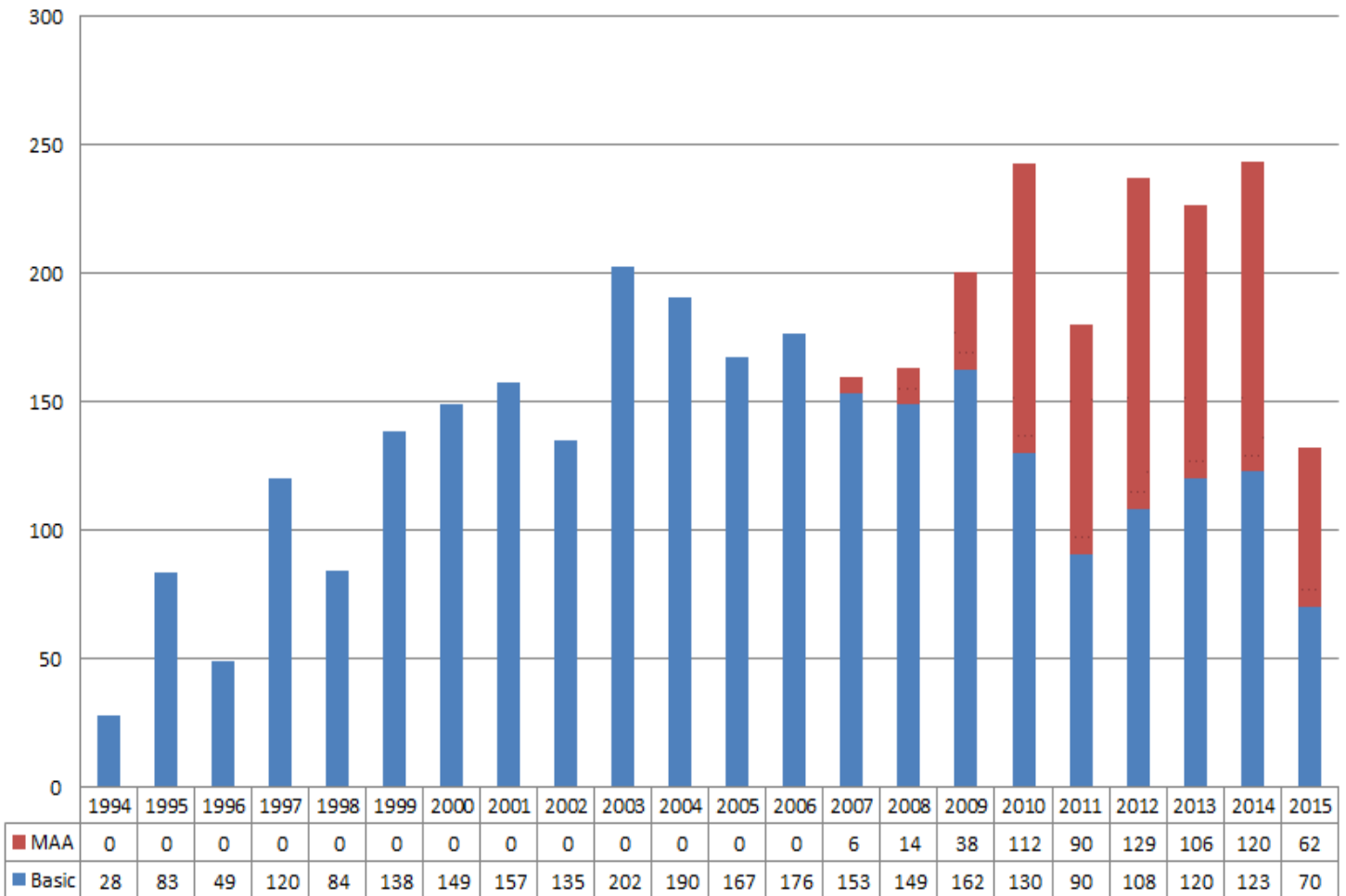
- **An Ad Hoc Working Group was formed to examine possible efficiencies and other improvements to the OIML Basic Certificate System and the MAA Certificate System.**
- **Ad Hoc Working Group met in Paris in March 2015 and in London in June 2015.**
- **Restructuring is being proposed to incorporate a “Management Committee” that will better oversee all aspects of the OIML Certificate System.**
- **The objective is to have a new OIML Certificate System (CS) in place by January 2017.**





# OIML Certificate System and Mutual Acceptance Arrangement (MAA)

OIML Certificates - July 2015

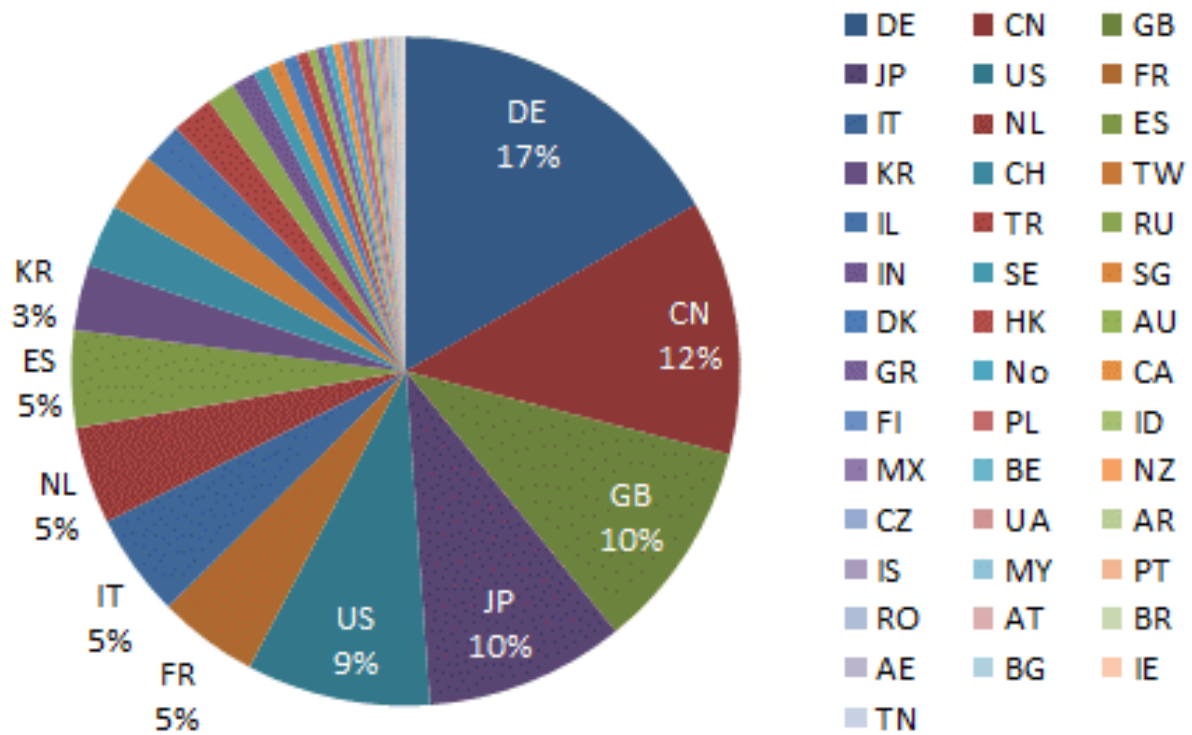






# OIML Certificate System and Mutual Acceptance Arrangement (MAA)

## Basic - Certificates by origin (country)





# CIML and APLMF Meetings

- **50th CIML Meeting will be held 19-23 October 2015**
  - **Arcachon, France**
- **Key Topics**
  - **Overhaul of the OIML Certificate System**
  - **Improvements to the OIML web site**
  - **Renewal of the BIML Director's appointment**
- **22nd APLMF Meeting will be held 28-30 October 2015**
  - **Honolulu, Hawaii**



**OIML web site: [www.oiml.org](http://www.oiml.org)**