



Organisation Internationale de
Métrieologie Léale
International Organization of
Legal Metrology



Agenda Item 11

OIML publications and technical activities

Item 11.5
OIML Bulletin



Introduction

- The OIML Bulletin is the Quarterly Journal of the OIML
- It is a forum for the publication of technical, general and other articles addressing metrological advances in many areas including **trade, health, the environment and safety**
- Also national / regional / international activities in legal metrology and related fields, evaluation procedures, accreditation and certification, measuring techniques, digitalisation, etc.
- Thanks to the wide range of topics covered since **1960**, the Bulletin is much appreciated by OIML stakeholders



Free of charge...

- The Bulletin is available **free of charge** in electronic format



- Target audience:
 - CIML Members
 - Corresponding Members
 - Manufacturers
 - Legal metrology field inspectors
 - Test laboratories
 - Liaison organisations



... but it takes resources

- Produced quarterly by the **BIML**, under the responsibility of the Editor in Chief (the BIML Director) and the Editor
- Production stages:
 - Screening by BIML editorial panel – linguistic and style editing – layout – proof-reading – author approval – final publication
- Significant **costs saved** because the Bulletin is no longer printed, so the resources required are **human and time** resources:
 - The Bulletin is a component of the global service provided by the BIML, on a par with the **website** and our **social media** outreach



Mentors

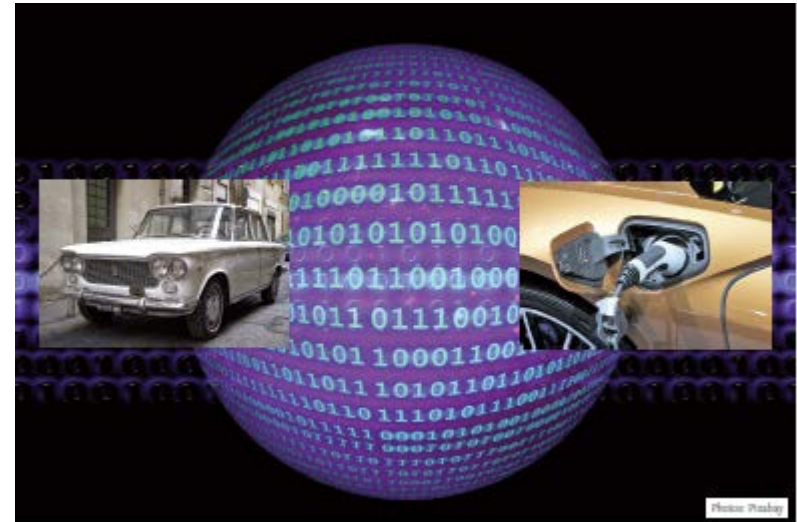
- ‘**Mentors**’ take responsibility for certain key topics
 - Generally (but not necessarily) ‘Mentors’ are CIML Members or Corresponding Member Representatives
- The ‘Mentor’ concept has been very successful again this year
 - The concept was launched at the 54th CIML Meeting in Bratislava (2019) by the CIML President
 - It has now become the **key mechanism** for developing the content
 - At the 57th CIML Meeting in 2022 the CIML reiterated its **support** for the ‘Mentor’ concept, and four editions of the Bulletin have been produced since then on a variety of themes



Recent editions (1/4)

October 2022

- Developing metrology systems:
Adapting to change
- Mentor: Mr Peter Mason
Editorial, Review of CEEMS and D 1
- OIML MetTalk webinar:
Electric Vehicle Supply Equipment
(EVSE)





Recent editions (2/4)

January 2023

- The Fourth Pillar of the OIML: International engagement
- Mentor: BIML
- 57th CIML report (BIML) + RLMO report by Dr Charles Ehrlich
- 12 international engagement activities attended or organised by the BIML





Recent editions (3/4)

April 2023

- Legal metrology in the Regions: Special RLMO edition
- Mentor: Dr Charles Ehrlich
- 7 RLMO contributions



Ukuran atau tinggi huruf dan angka kuantitas nominal

Kuantitas Nominal (Qn) dalam %	Tinggi minimum huruf dan angka
lebih dari 5 s/d 50	2 mm
lebih dari 50 s/d 200	3 mm
lebih dari 200 s/d 1000	4 mm
lebih dari 1000	6 mm

Contoh:
 BDKT dengan kuantitas nominal 1 liter. Tinggi minimum huruf dan angka sebesar :
4 mm
 Netto: 1 liter
 Diproduksi oleh:
 PT. Jaja Perkasa
 Kota Bogor





Recent editions (4/4)

July 2023

- Renewable energy
- Mentor: P.R. China, plus contributions from Saudi Arabia
- 15 articles in total
- The **biggest** ever Bulletin!





Current edition (ongoing)

October 2023

- Legal metrology compliance and enforcement
- Mentor: Australia (Kerynne Birch)



It's not too late to contribute **YOUR** article!



Proposed themes for future editions

- Seminar held on Monday *“The future of the OIML in the digital era”*
- International, National and Regional Metrology Systems
 - Report on the OTE (July 2023) in Bad Reichenhall – MID – Regional approaches to metrology systems – OIML D 1 and national legal metrology legislation – OIML-BIPM joint D 1 project
- Intellectual property
 - Role of patents in legal metrology
- Weighing
 - Evolution of OIML R 76 and R 111 - Contributions from CECIP - IWC Hamburg - Specific problems encountered by CEEMS



Survey (May 2023)

- At the request of the CIML President and the PC, in order to ensure that the OIML Bulletin remains **attractive**, and to evaluate Members' satisfaction,
 - the BIML launched a short **survey** among CIML Members and OIML Corresponding Members
- The intention was to gather feedback on what could potentially make the Bulletin even more attractive,
 - and also to find out whether readers would appreciate the addition of highly technical, **peer-reviewed articles**



Survey questions and responses (1)

Replies were received from **15 %** of the total membership:

- 13 CIML Members
 - Algeria, Anonymous (2), Cuba, Germany, Monaco, Poland, Romania, Saudi Arabia, Spain, Turkey, Zambia
- 6 OIML Corresponding Member Representatives
 - Costa Rica, Guyana, Luxembourg, Nigeria, Panama, Rwanda



Survey questions and responses (2)

- **Question 1:** Do you consider that the present structure of the Bulletin suits the needs of the OIML and the international legal metrology community?
- **Comments:**
 - The structure suits the needs of the OIML and the international legal metrology community in respect of exchange of information
 - It could be updated to a digital format with videos and digital material
 - We need to also focus on the new insight of calibration and verification of measuring instruments or measurement in general
 - I appreciate the rich contents, especially the RLMO contributions



Survey questions and responses (3)

- **Question 2:** Do you consider that the mentored “themes” in recent editions of the Bulletin have improved the quality of its contents? **Yes 18 / No 0**
- **Comment:**
 - The themes are in tandem with current realities



Survey questions and responses (4)

- **Question 3:** Do you have any suggestions for such themes for future editions of the Bulletin? **Yes 8 / No 10**
- **Comments:**
 - Share actual contributions/testimonials of legal metrology to industry
 - Experiences from various national LMI on how they resolved problems
 - Case studies related to calibration and verification techniques in MS
 - Artificial Intelligence, climate change, economic influence of metrology
 - Themes to help emerging NMIs benefit from developed NMIs' work
 - a theme specifically on “Digital transformation” (not the “Digital Era”)



Survey questions and responses (5)

- **Question 4:** Would it be beneficial to add a “Letters to the Editor” section? **Yes 12 / No 6**
- **Comments:**
 - A specialized person talking about the latest developments and updates in their country in the field of legal metrology
 - Section for information exchange for legal metrologists through the RLMOs, including development and cooperation
 - Some way to facilitate contact with the NMIs
 - Anything that will be a source of information is welcomed



Survey questions and responses (6)

- **Question 5:** Do you see an advantage in including a section with one or two peer-reviewed, scientific-oriented articles relevant to legal metrology? **Yes 15 / No 3**
- **Comments:**
 - The Bulletin should avoid purely scientific articles, its role is to make (legal) metrology more popular; probably scientific oriented articles will not help to achieve this aim
 - Scientific articles might change the actual essence of the Bulletin
 - It would make the Bulletin even more attractive for readers/authors
 - This is necessary so NMIs could benefit from the experiences of others



Survey questions and responses (7)

- **Question 6:** What other type of information would you like to see included in the Bulletin?
- **Comments:**
 - Upcoming Legal Metrology events
 - Country-based information in the field of legal metrology, and OIML contacts with and visits to other countries
 - Quality infrastructure / AI / Digital transformation / Risk Management in regulatory compliance / Achievements of certain institutions
 - A section for RMLO publications
 - Testimonials from industry / Experiences from NMIs
 - Statistics of certificates issued and new OIML Issuing Authorities



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Thank you for your attention –

Back to the CIML President