



Agenda Item 15.2:

Reports on activities with organisations in liaison



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Contents

1	Regional liaisons	3
2	Bilateral liaisons.....	4
3	Multilateral liaisons.....	6
4	Conferences, congresses and seminars	8



1 Regional liaisons

1.1 AFRIMETS

Mr Ian Dunmill provided an update on OIML activities at the AFRIMETS General Assembly, held online in July 2021. Discussions are continuing to explore means of engaging those AFRIMETS members which are not members of the OIML.

1.2 APLMF

At the 27th meeting (online) of the APLMF, Mr Anthony Donnellan gave a video presentation and comprehensive update on BIML and OIML activities including a review of important decisions made at the 55th CIML Meeting.

1.3 COOMET

Mr Anthony Donnellan gave a live (online) presentation at the 30th Anniversary of COOMET seminar “30 years to COOMET” entitled “COOMET and OIML: 30 years of cooperation and future opportunities” to celebrate the close collaboration between the two organisations. Additionally, the BIML participated in the COOMET Committee meeting in June 2021, at which Mr Ian Dunmill gave an update on OIML activities. The BIML also supported the IX International Competition “Best Young Metrologist of COOMET 2021” held in April 2021, by participating in the Scientific Committee.

1.4 EU Measuring Instruments Working Group (wgMI)

Mr Paul Dixon participated an online wgMI meeting on 20–21 April 2021 and provided an update on OIML activities.

1.5 GULFMET

Mr Paul Dixon participated in two GULFMET TC Legal meetings on 31 January 2021 and 6 June 2021. At the first meeting a detailed presentation regarding the OIML-CS was given, and at the second meeting an update on OIML activities was provided.

1.6 RLMO Round Table

Information on the RLMO Round Table will be provided under CIML agenda item 15.1.

1.7 SADCAS

Mr Paul Dixon was involved in the delivery of a SADCAS workshop (31 March 2021) on the activities of ISO/CASCO, ISO/IEC 17029 and the OIML-CS. The OIML-CS element of the workshop included an overview of OIML activities and a detailed description of the OIML-CS. The other elements of the workshop were delivered by the ISO/CASCO Chair.



1.8 SADCMEEL

Mr Ian Dunmill provided an update on OIML activities at the SADCMEEL meeting, hosted by Mozambique and held online in May 2021. This event was held as part of the week-long 36th annual meetings of the SADC TBT cooperation structures.

1.9 WELMEC WG8

Mr Paul Dixon participated in a WELMEC WG8 working group developing a Normative Document and corresponding table for material measures of length under the Measuring Instruments Directive based on OIML R 35 *Material measures of length for general use*.

Mr Paul Dixon participated an online WELMEC WG8 meeting on 8–9 January 2021 and provided an update on OIML activities.

2 Bilateral liaisons

2.1 BIPM

2.1.1 General

The OIML and the BIPM continue to develop even closer engagement on the executive, managerial, and operational levels. This engagement, collaboration and cooperation is also present in a number of traditional and new areas. For example, it includes joint committees, joint publications, joint statements, and collaborating and exploring areas of mutual interest such as the digital transformation of metrology and the role of metrology in the international quality infrastructure.

In 2021 this has been augmented with the establishment of the OIML-BIPM Joint Task Group (JTG). A detailed report on the activities of the JTG will be provided in CIML Addendum 4.3.

2.1.2 Annual BIPM-OIML partnership: World Metrology Day

The BIPM and the OIML have again worked collaboratively this year to prepare for World Metrology Day. The theme for 2021 is Measurement for Health. This theme was selected to create awareness of the important role that measurement plays in many aspects of our health and wellbeing.

In 2021 there were:

- 34 posters submitted by National Institutes and other Organisations;
- 35 events published, mostly online;
- Videos by the OIML and BIPM Presidents;
- Videos by the BIPM and OIML Directors;
- 6063 distinct visitors to the World Metrology Day website on 20 May 2021.

The 2021 poster was designed by SASO under the auspices of GULFMET and is available in English, French and many other languages, as provided by other countries.



The BIML participated in a number of online events in celebration of World Metrology Day. These included Mr Anthony Donnellan's participation (online) as a speaker and as a round-table expert in the World Metrology Day Forum hosted by the Minister for Commerce of the Kingdom of Saudi Arabia and the Saudi Standards, Metrology and Quality Organization (SASO) and Mr Ian Dunmill's online participation in events held in Iran and Gabon.

The OIML's social media channels were widely used to publicise the event in addition to the World Metrology Day website <https://www.worldmetrologyday.org>.

2.2 IEC

The Joint OIML-IECEX ad-hoc Working Group is developing a comparison document between the OIML-CS and the IECEX systems. The Working Group presented a first draft at the Sixth OIML-CS Management Committee Meeting. Further work is ongoing, with the intention of sharing the document with IECEX later this year.

Mr Paul Dixon held a videoconference meeting with Mr Chris Agius (IECEX Executive Secretary) to discuss the comparison document and the activities of the Joint OIML-IECEX Working Group.

2.3 ILAC and the IAF

Due to the pandemic, the ILAC-IAF 2020 annual meetings (October – November 2020) and the ILAC-IAF 2021 mid-term meetings (April – May 2021) were held online. The BIML (Mr Paul Dixon) participated in relevant meetings and provided updates, as appropriate, on OIML activities.

ILAC and the OIML are collaborating on the revision of the joint OIML/ILAC publication OIML D 10 / ILAC G 24 *Guidelines for the determination of recalibration intervals of measuring equipment used in testing laboratories*. The OIML Project Group (TC 4/p 9) is currently voting on the 3CD revision of OIML D 10/ILAC G 24, with a deadline of 1 December 2021.

As ILAC is the international organisation for accreditation bodies operating in accordance with ISO/IEC 17011 and involved in the accreditation of inspection bodies (using ISO/IEC 17020), Mr Paul Dixon has consulted with ILAC on the proposal (see CIML agenda item 10.2) to allow OIML Issuing Authorities to use ISO/IEC 17020 (with additional requirements) as an alternative to ISO/IEC 17065 to demonstrate competence.

The ILAC-IAF 2021 annual meetings will again be held online and Mr Paul Dixon will participate in relevant meetings and provided updates on OIML activities, including the outcomes of the 56th CIML Meeting and 16th Conference.

2.4 ISO CASCO

The ISO/CASCO 35th plenary meeting was held as an online meeting on 28–29 January 2021. Mr Paul Dixon provided a written report on OIML activities and participated in the meeting.

In October 2021, Mr Paul Dixon will participate in an online dialogue session that is being held with ISO/CASCO and their A-Liaison organisations in order to provide information on the OIML's relationship with ISO/CASCO, our participation in ISO/CASCO work, and opportunities to support and improve our participation.

As mentioned above, the BIML and the ISO/CASCO Chair collaborated on the delivery of a SADCAS workshop.

2.5 OECD

Collaboration and cooperation with the Organisation for Economic Co-operation and Development (OECD) and the 50 other International Organisations (IO) forming the OECD Partnership of International Organisations for Effective International Rulemaking (IO Partnership) continues and evolves.

In 2021 the BIML contributed a significant number of best-practice examples to The Compendium of International Organisations' Practices (IO Compendium). The IO Compendium offers a single repository to find how IOs are striving to improve the quality and impact of their rulemaking, and offers a meaningful opportunity for IOs to reflect on the efficiency of their practices. It builds on the practical experiences of some 50 IOs, including the OIML, to compile key principles seeking to deliver international instruments that deliver better impact through enhanced quality and coherence, are more transparently prepared, and better meet the needs of IO members, stakeholders and citizens.

The IO Compendium was launched at the 8th Annual (online) meeting of IOs in September 2021 at which Mr Anthony Donnellan represented the OIML along with many other heads of IOs from around the world, and can be found at: <https://www.oecd.org/governance/better-international-rulemaking/compendium/>

2.6 UNIDO

The BIML contributed to UNIDO's development of a Quality Infrastructure for Sustainable Development (QI4SD) Index, which aims to measure how fit for purpose the QI system is to meet sustainable development needs. Mr Ian Dunmill took part in a meeting held in February 2021 to help in establishing some metrology indicators for the project, and there was a further validation workshop in September 2021, attended by Mr Anthony Donnellan and Mr Ian Dunmill.

Mr Ian Dunmill also participated in a UNIDO event "Global Launch of the Laboratory Policy publication". The OIML had been closely involved in the development of this guide, which can now be downloaded from UNIDO's website.

3 Multilateral liaisons

3.1 BIPM, ISO, ILAC, OIML Quad meeting

Additionally, the annual OIML-BIPM-ILAC-ISO Quadrilateral Meeting was held (online) in June 2021 with the BIML transitioning secretariat responsibilities for the meeting to the ISO. There were many topics discussed in the meeting, including updates on operational arrangements and how the organisations have adapted and continue to adapt in a pandemic-responsive operating environment, a joint statement concerning the digital transformation of metrology, accreditation, and standardisation as part of the quality infrastructure and future meeting arrangements and objectives.

3.2 Joint Committee on Guides in Metrology – JCGM

3.2.1 JCGM Working Group on the Expression of Uncertainty in Measurement (JCGM-WG1:GUM)

Due to the pandemic, the JCGM-WG1 meetings were held online. The OIML participated in all the relevant meetings and provided updates, as appropriate, on OIML activities.

The JCGM-WG1 has decided to broaden the scope of the GUM by producing a series of complementary documents to cover some topics of interest in more detail.

In this new perspective, JCGM100:2008 and the entire series of complementary documents are part of the GUM, which encompasses the whole suite of documents.

The OIML was represented by Dr Charles Ehrlich (US), Dr Hideyuki Tanaka (JP), and Mr Luis Mussio (BIML).

3.2.2 JCGM Working Group on the International Vocabulary of Metrology (JCGM-WG2:VIM)

In January 2021 the JCGM WG2 distributed a first Committee Draft of the fourth edition of the VIM to the eight JCGM Member Organizations for a six month consultation (for comments only, no vote).

The MOs provided over 1700 comments using the comment template provided. The BIML collated the comments received and at present WG2 is in the process of reading through, categorizing and prioritizing the comments. The process will take longer than originally anticipated, and a next phase of obtaining feedback from MOs is anticipated before fourth edition of the VIM can be finalized.

The OIML was represented by Dr Charles Ehrlich (US, Convener of JCGM WG2), Dr Jerzy Borzyminski (PL) and Dr Anna Chunovkina (RU).

3.2.3 INetQI

The OIML has continued to contribute to the activities of this global network through Mr Ian Dunmill's participation in two regular meetings in April and September 2021, as well as an ad hoc meeting in February 2021. The OIML also continues to host the INetQI website, and is currently exploring the possibilities of hosting an "INetQI Single Library", as well as helping with the update of the main website through a contractor financed by another INetQI member.

3.3 Consultative Committee for Units (CCU)

Dr Rado Lapuh (OIML representative in the CCU) participated in the 25th CCU meeting which took place (online) from 21–23 September 2021. The information provided below relates only to issues for which Dr Lapuh sought information from OIML TC 2 members. Other information is available from the official CCU meeting report.

1. Extension of the range of SI prefixes

There was a CCU consensus that an extension to the range of SI prefixes is now appropriate. Dr Lapuh voted to support this extension on behalf of the OIML (based on the position gathered by TC 2/p 0 in 2020).

2. Core Metrological Terms

No consensus was reached within the CCU, so the WG-CMT proposal will be forwarded to the CIPM with remaining individual proposal(s) for decision. Although there was a considerable input collected from TC 2/p 0, it was agreed with the CIML Presidency that Dr Lapuh would not supply a position since the OIML is already involved directly in JCGM-WG2. The OIML will therefore provide its formal position directly to JCGM-WG2.

3. Units for angles and dimensionless quantities

No conclusion was reached and a special CCU working group will be established to work on this issue. Dr Lapuh informed the CCU that there are no issues in legal metrology concerning the current units of angles and unit for frequency Hz.

4 Conferences, congresses and seminars

4.1 International Metrology Congress

The 20th International Metrology Congress, which took place in Lyon (France) in September 2021, saw Mr Anthony Donnellan collaborate with the Congress organisers, the Collège Français de Métrologie, to plan, organise and lead a round table on *The role of Metrology and quality infrastructure in the transition to Industry 4.0*.

A variety of experts represented their organisations on the round table, including representatives from the accreditation industry, a weighing industry association, private sector companies, international metrology and standardisation organisations, as well as international trade and economic development organisations.