

Joint Committee for Guides in Metrology
Working Group 2: International Vocabulary of Metrology

6 – 9 December 2022

via WebEx

14:00 – 16:30 UTC daily

Convenor:

- Dr Charles Ehrlich [OIML]

Acting Executive Secretary:

- Dr Gregor Dudle [BIPM]

Members in attendance:

- Dr Anna Chunovkina [OIML]
- Ms Michèle Désenfant [ISO]
- Prof. Luca Mari [IEC]
- Prof. Zoltan Mester [IUPAC]
- Prof. Pavel Neyezhnikov [CIPM and WG2 representative to the CCU-WG-CMT]
- Prof. Claudio Narduzzi [IEC]
- Dr Gunnar Nordin [IFCC]
- Mr Erik Oehlenschlaeger [ILAC]
- Mr Jean Schwob [ISO]
- Mr Steve Sidney [ILAC]
- Dr Stefanie Trapmann [ISO]
- Dr Agnieszka Zon [OIML GUM, PL]

Members not in attendance:

- Prof. Daniel Varela Magalhães [IUPAP]
- Prof. Jeremy Frey [IUPAC]

Mr Robert Sitton [Executive Secretary, BIPM]

1. Opening of the meeting

a. Welcoming remarks

C. Ehrlich welcomed all participants to the online meeting, which was held via WebEx.

b. Membership of WG2

Dr Agnieszka Zon is the new representative of OIML. C. Ehrlich asks her to introduce herself.

c. Purposes of the meeting and anticipated meeting outcomes

See document JCGM-WG2:VIM-2022-05 “*Draft Agenda for the WG2 meeting 6–9 June 2022 (V.1)*”, for details of the purposes and anticipated outcomes.

2. Review and approval of the agenda

C. Ehrlich reviews the agenda, which is approved without change.

3. Summary of WG2 Focus Group (FG) Meetings held so far in 2022

A considerable number of WG2 Focus Group meetings had been held in 2022 and the Convenor acknowledged the hard work and dedication of the members of each group. The findings of each group will contribute to the discussion under agenda item 6.

4. Review of structure of files on the WG2 SharePoint Site on BIPM Web site

C. Ehrlich acknowledges the usefulness of the SharePoint hosted at the BIPM. However, the responsiveness is not always as expected. Likewise, some members experienced reliability issues (e.g. files opened once are corrupted and no longer useable). C. Ehrlich asks the Executive Secretary to convey this feedback to the BIPM IT Services

5. Important general communications from the WG members (only if urgent)

a. JCGM member organization updates

OIML

Agnieszka Zon reports that OIML TC1 has adopted an updated VIML OIML V1:2022 (which replaces V1:2013)

b. Update on CCU/CIPM matters (Pavel)

Prof. Neyezhnikov reports on recent developments in CCU/CIPM matters.

There was no CCU plenary meeting since the last meeting of the JCGM WG2. The CCU WG Core metrological term (CCU-WG-CMT) gathered in September and, among other topics, reviewed scenarios for digitalizations.

Prof. Neyezhnikov also reports briefly on the 27th CGPM (15-18 November 2022) and the resolutions adopted by this conference.

Finally, Prof. Neyezhnikov mentions the workshop, organized jointly by the CCU and the CCQM “The metrology of quantities which can be counted”.

c. Update on ISO/TC 334/WG 13 (formerly ISO/REMCO) (Stefanie)

Dr Trapmann reports that ISO/TC 334 is still tied down by the process of integrating REMCO into TC 334. This means that guides must be transformed to standards in a very tight timeline.

6. VIM4 2CD

a. Presentation by FG Chairpersons of status and unresolved issues in ‘draft responses to comments on VIM4’

The chairperson of each Focus Groups gives a short outline of the changes that have been introduced since the last meeting. This should allow all members of the WG to consult the most recent version of the

document prior to the detailed discussion of the following days.

b. Discussion towards resolution by full WG2 of unresolved issues in each Chapter

Most of the meeting was spent discussing the unresolved issues.

Chapter 1

L. Mari presents possible solutions to all open issues. There are no objections from the group.

Chapter 2

The main discussion point is item 2.1 “Measurement”. The point cannot be resolved and remains open.

Chapter 3

The discussion focuses on items 3.29 to 3.31. There is no agreement in the group if item 3.30 is to be kept or not.

Chapter 4

Only minor issues remain in chapter 4.

Chapter 5

Only minor issues remain in chapter 5.

Chapter 6

The discussion focuses on items related to nominal properties.

c. Other VIM4-2CD issues (e.g., updating Introduction, Bibliography, etc., and electronic publication options)

L. Mari has prepared an updated introduction which is on the SharePoint. He invites all members to read and comment the text.

He also reports on the planned discussion with the BIPM on a machine-readable version of the VIM.

7. Need for additional FG/WG2 meetings to resolve remaining issues?

With several issues remaining open, additional FG meetings will be necessary. The FG meetings will be open to everybody. The dates for FG meetings are decided under agenda item 12.

8. WG2 strategy/timeline for proceeding with VIM4

C. Ehrlich asks the FG Chairs to complete their work by the end of January 2023. The VIM4 2CD should then be finalized between February and March 2023. L. Mari agrees to continue to serve as coordinator for this task.

For 2CD, the group decides to circulate, a “clean” version and a “track changes” version (with respect to 1CD), together with the responses to the comments. It is left flexible whether to include an updated ‘Significant Changes’ text.

9. WG2 Report to JCGM on 12 December 2022

A draft report, prepared by C. Ehrlich, was circulated before the meeting. No comments were received.

10. Other business

None.

11. Summary and Conclusions

C. Ehrlich thanked the participants and commented that considerable progress had been made during the meeting.

12. Dates for WG2 interim videoconference meetings (Focus Groups and full WG2, as necessary), and for spring 2023 WG2 meeting

The FG will meet as follows:

FG 1: Thu 15.12.2022 (14:00 UTC)

FG 2: Tue 27.12.2022 (14:00 UTC)

FG 3 :Tue 20.12.2022 (14:00 UTC)

FG 6: Tue 13.12.2022 (15:00 UTC)

It is the intention of the JCGM WG2 to circulate the VIM4 2CD in Spring 2023. A meeting of the group during the period of circulation does not seem appropriate.

The group considers the possibility to hold a webinar on 2CD in May 2023, the purpose of which would be to assist interested parties in submitting comments.

The group decides to block the weeks 9-13 October and 4-8 December 2023 for potential meetings to review the received comments.