



55th CIML Meeting - Working Document

**Addendum**

**55 CIML Addendum 8.2**

2020-10-16

**Agenda item 8.2: Other items for information and approval**

## 1 High priority publications

The following criteria have been established for the prioritisation of OIML publications and projects.

	Criteria	Comments
1	Recommendations with relevance to OIML-CS	Based on number of certificates issued in the past
2	Publications where we expect “demand” in the future:	Based on: <ul style="list-style-type: none"> <li>• Needs of society,</li> <li>• Needs of Member States,</li> <li>• Needs of manufacturers (e.g. demand for certificates),</li> <li>• Needs of CEEMS</li> </ul>
3	Generic documents that cover a wide range of instruments	e.g. OIML D 11 and OIML D 31
4	Publications with relevance to the organization	e.g. B 6, D 30 and Vocabularies
5	Publications with relevance to RLMOs	e.g. those used for Normative Documents in the EU

Using the criteria established above, the following “top-10” publications have been identified.

*Note:* the list below is in alphabetical and numerical order rather than a specific order of priority.

- B 6 *Directives for OIML technical work*
- D 11 *General requirements for measuring instruments - Environmental conditions*
- D 31 *General requirements for software controlled measuring instruments*
- R 49 *Water meters for cold potable water and hot water*
- R 51 *Automatic catchweighing instruments*
- R 60 *Metrological regulation for load cells*
- R 76 *Non-automatic weighing instruments*
- R 91 *Radar equipment for the measurement of the speed of vehicles*
- R 117 *Dynamic measuring systems for liquids other than water*
- R 137 *Gas meters*



## 2 High priority projects

The provisionally identified list of high priority projects presented to the 54th CIML Meeting in October 2019 was as follows:

CEEMS	D 1	<i>Considerations for a Law on Metrology</i>
OIML-CS/SC 7/p 1	D 30	<i>Guide for the application of ISO/IEC 17025 to the assessment of Testing Laboratories involved in legal metrology</i>
TC 5/SC 2/p 3	D 31	<i>General requirements for software controlled measuring instruments</i>
TC 10/p 1	R 23	<i>Tire pressure gauges for motor vehicles</i>
TC 9/SC 2/p 10	R 51	<i>Automatic catchweighing instruments</i>
TC 9/SC 1/p 1	R 76	<i>Non-automatic weighing instruments</i>
TC 7/SC 4/p 3	R 91	<i>Radar equipment for the measurement of the speed of vehicles</i>
TC 8/SC 5/p 4	R 117	<i>Dynamic measuring systems for liquids other than water</i>
TC 16/SC 1/p 4	R xxx	<i>Instruments for measuring the vehicle exhaust soot particle (new Recommendation)</i>
TC 9/SC 2/p 11	R 134	<i>Automatic instruments for weighing road vehicles in motion and measuring axle loads</i>

Two of these projects were completed at the 54th CIML Meeting in 2019:

TC 5/SC 2/p 3	D 31	<i>General requirements for software controlled measuring instruments</i>
TC 8/SC 5/p 4	R 117	<i>Dynamic measuring systems for liquids other than water</i>

During 2020, the following project was completed following CIML online approval:

OIML-CS/SC 7/p 1	D 30	<i>Guide for the application of ISO/IEC 17025 to the assessment of Testing Laboratories involved in legal metrology</i>
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The Final Draft for the following project its publication is presented for approval at the 55th CIML meeting:

CEEMS	D 1	<i>Considerations for a Law on Metrology</i>
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At the Presidential Council meeting in March 2020 it was proposed to add the following projects to this list to take the place of those that had been, or would soon be, completed:

- |               |      |   |
|---------------|------|---|
| TC 5/SC 2/p 4 | D 31 | <i>General requirements for software controlled measuring instruments</i><br>Since D 31 is to be immediately revised, this project should replace its predecessor, TC 5/SC 2/p 3, on the list |
| TC 12/p 1     | R 46 | <i>Electricity meters</i><br>This project covers an important subject and includes significant technological and environmental updates  |
| TC 6/p 6      | R 87 | <i>Prepackage template</i><br>There is a clear need for this publication, especially in CEEMS   |

These changes result in the following list of high-priority projects

- |                |       |  |
|----------------|-------|--|
| TC 5/SC 2/p 4  | D 31  | <i>General requirements for software controlled measuring instruments</i>                  |
| TC 10/p 1      | R 23  | <i>Tire pressure gauges for motor vehicles</i>   |
| TC 12/p 1      | R 46  | <i>Electricity meters</i>  |
| TC 9/SC 2/p 10 | R 51  | <i>Automatic catchweighing instruments</i>   |
| TC 9/SC 1/p 1  | R 76  | <i>Non-automatic weighing instruments</i>  |
| TC 6/p 6       | R 87  | <i>Prepackage template</i>   |
| TC 7/SC 4/p 3  | R 91  | <i>Radar equipment for the measurement of the speed of vehicles</i>                        |
| TC 16/SC 1/p 4 | R xxx | <i>Instruments for measuring the vehicle exhaust soot particle (new Recommendation)</i>    |
| TC 9/SC 2/p 11 | R 134 | <i>Automatic instruments for weighing road vehicles in motion and measuring axle loads</i> |

The status and history of all these proposed high priority projects is given in Annex A to this Addendum.

### **3 Recommendation**

The CIML is asked to approve the above lists of the current high-priority publications and projects.



**Annex A**

**Status and history of high priority projects**

**as at 2020-10-16**

Publication	Project Convener	History and current status
<p>Revision D 31</p> <p><i>General Requirements for software controlled measuring instruments</i></p>	<p><b>TC 5/SC 2/p 4</b></p> <p>Germany</p> <p>Marko Esche</p>	<p><b>2020 Achieved to date:</b></p> <p>The meeting planned for 2020-05-26 was cancelled due to the pandemic. The convener is currently examining the possibilities for making progress using videoconferencing.</p> <p><b>2020 planned:</b></p> <p>Three sub-groups established</p> <p>Joint meeting of sub-groups planned for 2020-05-26</p> <p>1WD planned for November 2020.</p> <p><b>Is anything preventing you from making progress with this project within the timelines in B 6?</b></p> <p><b>Is there anything the BIML can do to help in accelerating the work?</b></p> <p>Due to the diversity of topics to be addressed in this revision, publication of 1WD within six months does not seem feasible.</p> <p><b>2019 achieved:</b></p> <p>Revision of D 31 developed under TC 5/SC 2/p 3 approved at 54th CIML Meeting.</p> <p>New project for the continued revision approved.</p> <p>Project group formed, enquiry on prioritisation of work issued</p>

Publication	Project Convener	History and current status
<p>Revision of R 23</p> <p><i>Tire pressure gauges for motor vehicles</i></p>	<p><b>TC 10/p 1</b></p> <p>Kenya John Wamwana</p> <p>Netherlands Paul Kok</p>	<p><b>2020 Achieved to date:</b></p> <p>It is planned to make this project a Kenya/BIML co-convenership. Progress to CD stage expected soon.</p> <p><b>2020 planned:</b></p> <p>Finish editing Part 1 2WD  Publish Part 1 2WD for comment  Collect comments Part 1 WD2  Finish Part 2 1WD  Publish Part 2 1WD for comment  Collect comments Part 2 1WD  Work on Part 3 1WD  Publish Part 3 1WD for comment  Collect comments Part 3 1WD  Create 1CD and comparison table  Publish 1CD</p> <p><b>Is anything preventing you from making progress with this project within the timelines in B 6?</b></p> <p><b>Is there anything the BIML can do to help in accelerating the work?</b></p> <p>2019 budget for OIML was low and prevented progress. 2020 budget is sufficient. Progress within B6 timelines</p>

should be possible

Answer comments where convener response is “Check with BIML”

**2019 achieved:**

Comments collected and convener response added.

Uploaded on OIML website 2020-02-13

First editing on WD2 of Part 1 and WD1 of Part 2

**2019 planned:**

To collect comments on 1 WD and after reviewing use the comments to create a 2WD or 1CD

Work on Part 2 of the Recommendation

Start work on Part 3 (Report format)

**2018 achieved:**

To complete the Working Draft;

To publish the first Working draft on the OIML website for comments (posted 2019-01-17, deadline 2019-04-17)

**2018 planned:**

To complete the Working Draft;

To publish the first Working draft on the OIML website for comments.

**2017 achieved:**

A number of items have been added to the Working Draft based on prEN 12645

**2017 planned:**

Creating first working draft

1WD out for comments by end 2017.

**2016 achieved:**

Documents exchanged with explanation

**2016 planned:**

The co-convenership will be followed up so that progress can be made on the revision.

**2015 achieved:**

Due to the need for progress on this project in several African countries, the possibility of a co-convenership with Kenya was discussed at the CIML Meeting in Arcachon.

**2015 planned:**



Publication	Project Convener	History and current status
		<p>Final draft of EN12645 Tyre pressure measuring instruments to be sent to project group members as a possible basis and first WD for the revision of OIML R 23.</p> <p>Receive and collate comments as basis for 1CD (if possible)</p> <p><b>2014 planned:</b></p> <p>WD to be circulated. Intend to progress to 1CD during 2014</p> <p><b>2014 achieved:</b></p> <p>No progress</p> <p><b>History:</b></p> <p>1WD 2019-01-17 / 2019-04-17</p>
<p>Revision of R 46</p> <p><i>Electricity meters</i></p>	<p><b>TC 12/p 1</b></p> <p>Australia</p> <p>Phillip Mitchell</p>	<p><b>2020 achieved to date:</b></p> <p>3WD posted 2020-01-31 with deadline for comments of 2020-05-01. Meeting planned for 2020-05-18/20 cancelled due to the pandemic. Work continuing by electronic means.</p> <p><b>2019 achieved:</b></p> <p>2WD posted 2019-02-19 with deadline for comments of 2019-05-18. Meeting held 2019-05-22/24, Helsinki, Finland.</p> <p><b>2018 achieved:</b></p> <p>Meeting held 2018-05-10/11, Sydney, Australia. Working Groups established and next meeting planned to be held within one year.</p> <p><b>2016 achieved:</b></p> <p>Project approved by resolution 2016/25 of the 51st CIML Meeting</p>

Publication	Project Convener	History and current status
<p>Revision of R 51</p> <p><i>Automatic catchweighing instruments</i></p>	<p><b>TC 9/SC 2/p 10</b></p> <p>India B.R. Dixit</p> <p>UK Morayo Awosola</p>	<p><b>2020 Achieved to date:</b></p> <p>The meeting planned for 2020-04-27/29 was cancelled due to the pandemic. Progress is expected in 2021.</p> <p><b>2020 planned:</b></p> <p>Project group meeting planned for 2020-04-27/29, Sydney, Australia</p> <p>1CD to be produced later in year</p> <p><b>Is anything preventing you from making progress with this project within the timelines in B 6?</b></p> <p><b>Is there anything the BIML can do to help in accelerating the work?</b></p> <p><b>Not at the moment</b></p> <p><b>2019 achieved:</b></p> <p>1 WD issued for comments</p> <p><b>2019 planned:</b></p> <p>2WD issued to PG for comments.</p> <p><b>2018 achieved:</b></p> <p>Project approved by resolution 2018/23 of 53rd CIML Meeting</p>
<p>Revision of R 76</p> <p><i>Non-automatic weighing instruments</i></p>	<p><b>TC 9/SC 1/p 1</b></p> <p>France Marielle Fayol</p> <p>Germany Dorothea Knopf</p>	<p><b>2020 Achieved to date:</b></p> <p>1WD part 1 posted on Workspace on 2020-07-24 for comments by 2020-10-23</p> <p>A first WD will be prepared until the end of 2020.</p> <p><b>Is anything preventing you from making progress with this project within the timelines in B 6?</b></p> <p><b>Is there anything the BIML can do to help in accelerating the work?</b></p> <p><b>The revision of R76 has been organised in subgroups. In 2019 the convener of one subgroup has been retired so the respective tasks were transferred to the secretariat. So, the secretariat was not able to prepare the first WD1 in time (end 2019).</b></p> <p><b>A draft for the new part 5 dealing with verification, is at an advanced stage of development. When the draft is accepted by the project group it could probably be improved by a detailed discussion with the members of the CEEMS community. For this discussion some help of BIML will be requested in order to organise either a meeting with some CEEMS representatives or a consultation of the CEEMS community on this subject.</b></p> <p><b>2019 achieved:</b></p> <p>The secretariat prepared first drafts of new parts of R76 according to OIML B6, i.e. the information of the two existing parts was divided into 4 parts (all parts except the evaluation report format). The secretariat has also reviewed all the comments made by the members before our first meeting in Braunschweig and the first working</p>

draft of parts 1 and 2 will integrate some of these comments.

Revision of R76 is done by subgroups:

- Structure, Terms&Definitions : the work of this subgroup has been done by the secretariat because the convener of this subgroup is retired. The working draft has been aligned with D11, VIM, VIML, R60, B6.
- Modular Approach: a questionnaire has been sent to all members to identify needs, experiences and expects concerning the modular approach within the recommendation OIML R76.
- Software: a project of the part dealing with metrological and technical requirements has been written and this project is now in a consolidation phase
- Harmonisation with other documents: the work on this topic has been done by the secretariat
- Verification: a project part has been prepared by the subgroup.

During the discussions on what information should be moved to which part of the recommendation it came out, that the content of R76 in its current form does not focus on the state of the art of new non-automatic weighing instruments and its type approval. As OIML R76 has been developed over a long time, the idea to change and restructure OIML R76 according to nowadays techniques and to concentrate on today's needs seems important. This would cause extensive changes in the structure and the content of R76 and relates to some parts of the recommendation. A concept is discussed and developed on a secretary meeting in September 2019 in Paris and will be the base for WD. European manufacturer association CECIP agreed with the idea of this restructuring of OIML R76 well knowing that this concept contradict to a fast revision of the current OIML R76.

**2019 planned:**

A first WD will be prepared until the end of 2019.

During the discussions the question arose, if the modular approach should be covered by a more general paper in OIML (possibly even in OIML CS) too. The technical details must be incorporated into the specific recommendation, here R76, anyway. But a general statement about how to handle this aspect for other instruments too is missed.

**2018 achieved:**

The main aspects of the revision were discussed with the representatives attending the meeting in 12/2017. It was identified, that the OIML R76 has to be updated concerning the aspects of:

Terms and Definitions, the practical handling of the Modular approach in OIML, an update of the Software requirements, Harmonisation with other OIML documents (for instance new EMC requirements) and finally the aspects of Verification (new part 4). Five sub-groups have been created in 2018. In the software area an update of the current R76 on the basis of the new version of OIML D31 is in discussion and on its way.

The Subgroup, handling the specific aspects of verification is as well in good activity. A pool of information about the verification processes in different countries was established and is under discussion.

The other fields of activity are up to now limited to bidirectional discussions.

Publication	Project Convener	History and current status
		<p>Unfortunately, no document was prepared in 2018.</p> <p><b>2018 planned:</b></p> <ul style="list-style-type: none"> <li>• Discussions of the aspects within the sub-groups</li> <li>• Delivery of respective supporting texts</li> <li>• Preparation of a first working draft and collection of comments.</li> </ul> <p><b>2017 achieved:</b></p> <p>Attendees of the PG meeting discussed and decided about the main aspects within the revision of R76:</p> <ul style="list-style-type: none"> <li>• Structure, Terms &amp; Definitions</li> <li>• Modular Approach</li> <li>• Software</li> <li>• Harmonisation with other documents</li> <li>• Verification</li> </ul> <p>Respective Sub-Groups were defined.</p> <p><b>2017 planned:</b></p> <p>Summarise main aspects for a revision and start to collect respective information;  Prepare a draft version of the revised OIML R76  Meeting to be held in the second half of 2017 for the discussion of Working Draft of a revised OIML R76</p> <p><b>2016 achieved:</b></p> <p>Project approved by 51st CIML Meeting, October 2016</p>
R 87 prepackage template	TC 6/p 6	<p><b>2020 achieved to date:</b></p> <p>Project progress delayed by the pandemic.</p> <p><b>2019 achieved:</b></p> <p>Project approved by 54th CIML Meeting, October 2019</p>

Publication	Project Convener	History and current status
<p>Revision of R 91</p> <p><i>Radar equipment for the measurement of the speed of vehicles</i></p>	<p><b>TC 7/SC 4/p 3</b></p> <p>SL Flegar</p>	<p><b>2020 Achieved to date:</b> 2WD posted 2020-10-15 for comment by 2021-01-15</p> <p><b>2020 planned:</b> APRIL: issued 2WD MAY: collect and compiling responses SEPTEMBER: meeting (to be decided) OCTOBER: 1CD</p> <p><b>Is anything preventing you from making progress with this project within the timelines in B 6?</b></p> <p><b>Is there anything the BIML can do to help in accelerating the work?</b></p> <p><b>Issues which are preventing progress:</b></p> <ol style="list-style-type: none"> <li>1. a lot of responses, which have to be cross checked between p members</li> <li>2. technical difference between p members</li> <li>3. personal problem: time allocation for OIML activities</li> <li>4. personal problem: I am not in the position to delegate or ask some tasks to p members to participate</li> </ol> <p><b>Possible BIML help:</b></p> <ol style="list-style-type: none"> <li>1. Is there possibility to get co-convenors to take some workload?</li> <li>2. Is it possible to get contact from Belgium, who offered possibility to organise meeting?</li> </ol>

**2019 achieved:**

MAY 2019: issuing 2nd version WD based on the outcome of 2013, 2014 meetings and votings,

SEPTEMBER 2019: collecting and compiling responses

**2019 planned:**

- MAY 2019: issuing 2nd version WD based on the outcome of 2013, 2014 meetings and votings,
- SEPTEMBER 2019: collecting and compiling responses
- NOVEMBER 2019: 1CD

**2018 achieved:**

None of the announced activities

**2018 planned:**

- APRIL 2018: issuing 2nd version WD based on the outcome of 2013, 2014 meetings and votings,
- SEPTEMBER 2018: collecting and compiling responses
- NOVEMBER 2018: 1CD
- Meeting in 2019 if still unresolved issues

**2017 achieved:**

- None
- Still preparing 2nd version of WD

**2017 planned:**

APRIL 2017: issuing 2nd version WD based on the outcome of 2013, 2014 meetings and votings

OCTOBER 2017: meeting in Ljubljana, Slovenia to clear open issues regarding 1CD

DECEMBER: 1CD

**2016 achieved:**

Convenership transferred to Slovenia

**2016 progress:**

Ambler to retire. BIML asked CH if wanted convenership, answered no. US asked Slovenia, still a possibility. Still needs B 6 process

**2016 planned:**

Convener to retire in 2016. Chuck Ehrlich discussed in PC meeting

**2015 achieved:**

WD revision of R 91

Publication	Project Convener	History and current status
		<p><b>2015 planned:</b> 1CD of revision of R91 to be issued in early 2015</p> <p><b>2014 achieved:</b> Monthly project group web meetings leading to PG meeting at NIST in June 2014, PG Meeting held in June 2014</p> <p><b>2014 planned:</b> Meeting June 2014, Gaithersburg, progress to 1CD by end 2014</p>
<p>New Recommendation</p> <p><i>Instruments for measuring the vehicle exhaust soot particle number (PN)</i></p>	<p><b>TC 16/SC 1/p 4</b></p> <p>Germany Volker Ebert</p> <p>Netherlands Paul Kok</p>	<p><b>2020 Achieved to date:</b> Planned progress for the next stage of the project was delayed due to the pandemic, but plans are being examined for progress using videoconferencing if necessary.</p> <p><b>2020 planned:</b> Letter from conveners about scope Voting on document scope (broad= TA+ RDE + PTI or narrow = TA or RDE or PTI only Progress on document structure decisions First steps in recommendation development</p> <p><b>Is anything preventing you from making progress with this project within the timelines in B 6?</b></p> <p><b>Is there anything the BIML can do to help in accelerating the work?</b></p> <p>Nothing mentioned</p> <p><b>2019 achieved:</b> Kick-off meeting took place 2019-11-27/28 Scope of project discussed: - Recommendations for particle number counters for PTI; - Expert report(s), guide(s) and/or other documents (for example publications in OIML Bulletin) for particle number counters for vehicle type approval (TA) and Real Driving Emissions purposes</p> <p><b>2019 planned:</b> No document yet</p> <p><b>History:</b> Project approved by resolution 2018/27 of 53rd CIML Meeting, project group forming</p>

Publication	Project Convener	History and current status
<p>Revision of R 134</p> <p><i>Automatic instruments for weighing road vehicles in motion and measuring axle loads</i></p>	<p><b>TC 9/SC 2/p 11</b></p> <p>UK Morayo Awosola</p>	<p><b>2020 Achieved to date:</b></p> <p>The meeting planned for 2020-04-27/29 was cancelled, but the convener is making plans with the BIML to make progress with the project using videoconferencing</p> <p><b>2020 planned:</b></p> <p>Project group meeting , Sydney, Australia</p> <p>1CD planned later in year</p> <p><b>Is anything preventing you from making progress with this project within the timelines in B 6?</b></p> <p><b>Is there anything the BIML can do to help in accelerating the work?</b></p> <p><i>Project has just started. No problems identified yet</i></p> <p><b>2019 achieved:</b></p> <p>Project allocated to UK in October 2019</p> <p>1 WD issued for comments 2019-12-11, deadline 2020-03-16</p> <p><b>2019 planned:</b></p> <p>Project transferred to UK convenership</p> <p><b>2018 achieved:</b></p> <p>Project approved by resolution 2018/24 at the 53rd CIML Meeting. Discussions with NL on individual to be identified as the convener</p>