



**Agenda item 14.3:
Other technical items for information**

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"> • Needs of society, • Needs of Member States, • Needs of manufacturers (e.g. demand for certificates), • Needs of CEEMS
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 high-priority publications have been identified.

Note 1: The list below is in alphabetical and numerical order rather than a specific order of priority.

Note 2: The current status of each publication is shown in the brackets [].

- B 6 *Directives for OIML technical work* [Project proposal to revise B 6 submitted to the 57th CIML Meeting for approval]
- D 11 *General requirements for measuring instruments - Environmental conditions* [Project proposal to revise D 11 submitted to the 57th CIML Meeting for approval]
- D 31 *General requirements for software controlled measuring instruments* [Active revision project]
- R 49 *Water meters for cold potable water and hot water* [Active revision project]
- R 51 *Automatic catchweighing instruments* [Active revision project]
- R 60 *Metrological regulation for load cells* [Latest edition published in 2021]
- R 76 *Non-automatic weighing instruments* [Active revision project]
- R 91 *Radar equipment for the measurement of the speed of vehicles* [Active revision project]
- R 117 *Dynamic measuring systems for liquids other than water* [Latest edition published in 2019 so a periodic review is to be conducted]
- R 137 *Gas meters* [Project proposal to revise R 137 submitted to the 57th CIML Meeting for approval]
- R 139 *Compressed gaseous fuel measuring systems for vehicles* [Proposal to reconfirm R 139:2018 submitted to the 57th CIML Meeting for approval]

2 High priority projects

The current list of high-priority projects (approved at the 56th CIML Meeting) is as follows:

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 12/p 3	G 22 R xxx	<i>Electric Vehicle Supply Equipment (EVSE) – published 2022-09-15 (New Recommendation)</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>

Project status

The status and history of all these 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.

4 Information on particular items of technical work

TC 12/p 3 *Electric vehicle charging stations*

At its 56th Meeting in 2021, the CIML approved a new project to develop an OIML Guide, followed by an OIML Recommendation on *Electric vehicle charging stations*. Work on these devices was already being carried out by a subgroup of TC 12/p 1 working on an annex to the revision of OIML R 46 *Electricity meters*.

The Project Group was set up by the end of 2021, and the “v20” of the draft Guide was made available to the Project Group for comment on 2021-12-22, with a deadline on 2022-02-24. A core working group then held many discussions in order to assess, prioritise, and incorporate the many hundreds of comments received on the working draft. They also prioritised subjects for discussion at meetings of the full Project Group, which met online on five consecutive days from 2022-06-28 to 2022-07-01. At the end of these meetings, the Project Group accepted a final draft Guide, which was sent to the BIML in the second half of July 2022 for final editing before approval by the CIML President. The Guide was published as OIML G 22 *Electric Vehicle Supply Equipment (EVSE)* on 2022-09-15, and work is now continuing to develop the full OIML Recommendation. The progress, and completion of the first stage of this project in such a short timescale was quite exceptional, especially considering the very large number of comments received.



Projects within TC 18 *Medical measuring instruments*

Following an increased interest in the reliability, accuracy, and improved regulation of medical instruments, the CIML approved six new projects in this area at its 56th Meeting in 2021. Of these, progress has been made on the projects on medical thermometers under TC 18/SC 2, and a first Working Draft is currently open for comment.

However, despite having received unanimous approval by the CIML, two of the projects under TC 18/SC 1 *Blood pressure instruments* have not been able to make progress because so few Member States have registered as P-members for these projects. The convener is keen to make a start with the work, and requests that more Member States consider joining the two Project Groups concerned:

- TC 18/SC 1/p 3 New Recommendation: *Requirements for the evaluation of NIBP simulators used for the testing of automated non-invasive sphygmomanometers*, and
- TC 18/SC 1/p 4 New Guide: *Guidelines for the evaluation of automated sphygmomanometers using oscillometric signal generators able to generate real-life oscillometric signals*.



Annex A

Status and history of high priority projects

as at 2022-10-14

Publication	Project Convener	History and current status
<p>Revision D 31</p> <p><i>General Requirements for software controlled measuring instruments</i></p>	<p>TC 5/SC 2/p 4</p> <p>Germany Marko Esche</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> • 2CD published 2022-07-25, deadline 2022-10-25 <p>2022 planned:</p> <ul style="list-style-type: none"> • A second online project meeting has already taken place from 2022-02-16 to 2022-02-18 to discuss feedback on 1CD. Full consensus was reached on all discussion topics. • 2CD is intended to be published in May 2022. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> • At this point, it does not appear as if anything could prevent 2CD from being published as planned. • It would really help if 2CD could be published on the OIML website as soon as it's ready. <p>2021 achieved:</p> <ul style="list-style-type: none"> • An online project meeting was held from 2021-05-10 to 2021-05-12. Full consensus was reached on all discussion topics. • 1CD was published on 2021-10-08 for comment by 2022-01-08. <p>2021 planned:</p> <ul style="list-style-type: none"> • A virtual project meeting to discuss feedback on 1WD and to agree upon SG output will take place from 2021-05-10 to 2021-05-12 (two hours per day to accommodate different time zones). • 1CD is intended to be published in August 2021. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Writing of 1WD in 2020 took longer than the allotted six months due to the Covid-19 pandemic. Otherwise, p4 will likely be able to follow the timelines in B6.</p> <p>We still require feedback concerning if and how “decisions taken during a meeting” can be implemented in an online format.</p> <p>2020 achieved:</p> <ul style="list-style-type: none"> • The meeting planned for 2020-05-26 was cancelled due to the pandemic. • Three subgroups were set up for the topics “machine learning”, “remote verification” and “terminology”. • All three subgroups have already produced draft proposals which are currently awaiting final feedback from within the subgroups. • 1WD was published on 2020-11-17. With a request for comments by 2021-03-17.

Publication	Project Convener	History and current status
		<p>2020 planned:</p> <ul style="list-style-type: none"> • Three sub-groups established • Joint meeting of sub-groups planned for 2020-05-26 • 1WD planned for November 2020. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</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>2019 achieved:</p> <p>Revision of D 31 developed under TC 5/SC 2/p 3 approved at 54th CIML Meeting. New project for the continued revision approved. Project group formed, enquiry on prioritisation of work issued</p>
<p>R 87 prepackage template</p>	<p>TC 6/p 6</p> <p>South Africa Jaco Marnebeck</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> • Two template models produced for PG comment, deadline May 2022 • Convener considering responses <p>2022 planned:</p> <ul style="list-style-type: none"> • Circulation of templates for comment on the adequacy and ease of use by mid- March • Collation of comments and circulation to members mid- May • OIML TC6/ p6 meeting June – discussion of feedback received on Columbian and APLMF templates/ discussion on the level of the document and the way forward • To be developed in 2022 <ul style="list-style-type: none"> ○ Final OIML Prepackage template based on discussions from June meeting ○ Circulation for comment ○ OIML TC6/ p6 meeting Nov (if required) ○ Submission to OIML President for approval <p>2021 achieved:</p> <ul style="list-style-type: none"> • Request for participation • Request to members to submit existing templates, based on new R87, to be used as basis for possible OIML

Publication	Project Convener	History and current status
		<p>template</p> <ul style="list-style-type: none"> • Meeting in November 2021 to kick-start project and discuss possible templates received • Translation of Colombian template – completed • De-bug of APLMF template – in progress <p>2021 planned: No report yet received – expected week commencing 1 March due to convener’s illness</p> <p>2020 achieved: Project progress delayed by the pandemic.</p> <p>2019 achieved: 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>TC 7/SC 4/p 3</p> <p>Slovenia Roman Flegar</p> <p>Switzerland Fabiano Assi</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> • Survey round N0. 2 issued and responses collated • 4WD for Part 1 and Part 2 issued on 2022-05-20 with a deadline of 2022-07-20 • Comments on 4WD for Part 1 and Part 2 collated and responses developed • 1WD for Part 3 and Part 4 being developed <p>2022 planned:</p> <ul style="list-style-type: none"> • JANUARY: survey round No. 2 • FEBRUARY: collecting responses and prepare 4 WD • APRIL: issue 4WD for Part 1 and Part 2, 1WD for Part 3 and 4 • OCTOBER: issue 1CD <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> • Currently we don't see any issues. • Possible BIML help with organising webmeeting in OCTOBER 2022 <p>2021 achieved:</p> <ul style="list-style-type: none"> • JANUARY: deadline for comments on 2WD 2021-01-22 • APRIL: decided that voting is not necessary • MAY: issue of 3 WD for Part 1 [Requirements], Part 2[Test procedures] deadline 2021-08-31 • SEPTEMBER: collected and compiled responses on 3 WD • NOVEMBER: prepared two part survey of open points on 3 WD • DECEMBER: survey round No. 1 <p>2021 planned:</p> <ul style="list-style-type: none"> • pending: APRIL: voting/consultation on some points on 2WD, if necessary • MAY: issue 3WD for Part 1 [Requirements], Part 2 [Test procedures] • JUNE: issue 1WD for Part 3 [Test Report], Part 4 [TE report format] • JUNE: collect and compiling responses on 3WD Part1, Part 2 • JULY: collect and compiling responses on 1WD Part3, Part 4 • OCTOBER: 1CD <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Currently we don't see any issues. The decision from BIML to appoint another convener, helped to solve issues from 2018 and 2019. The work load is now shared between Slovenia and Switzerland and comments are processed</p>

regularly on weekly basis.

Is there anything the BIML can do to help in accelerating the work?

Organising a web meeting if we found that we need to organise it.

2020 achieved:

2WD of Part 1 [Requirements], Part 2 [Test procedures] posted 2020-10-15 for comment by 2021-01-15

2020 planned:

APRIL: issued 2WD

MAY: collect and compiling responses

SEPTEMBER: meeting (to be decided)

OCTOBER: 1CD

Is anything preventing you from making progress with this project within the timelines in B 6?

1. a lot of responses, which have to be cross checked between p members
2. technical difference between p members
3. personal problem: time allocation for OIML activities
4. personal problem: I am not in the position to delegate or ask some tasks to p members to participate

Is there anything the BIML can do to help in accelerating the work?

1. Is there possibility to get co-convenors to take some workload?
2. Is it possible to get contact from Belgium, who offered possibility to organise meeting?

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

Publication	Project Convener	History and current status
		<p>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</p> <p>2016 achieved: Convenership transferred to Slovenia</p> <p>2016 progress: Ambler to retire. BIML asked CH if wanted convenership, answered no. US asked Slovenia, still a possibility. Still needs B 6 process</p> <p>2016 planned: Convener to retire in 2016. Chuck Ehrlich discussed in PC meeting</p> <p>2015 achieved: WD revision of R 91</p> <p>2015 planned: 1CD of revision of R91 to be issued in early 2015</p> <p>2014 achieved: Monthly project group web meetings leading to PG meeting at NIST in June 2014, PG Meeting held in June 2014</p> <p>2014 planned: Meeting June 2014, Gaithersburg, progress to 1CD by end 2014</p>
<p>Revision of R 76</p> <p><i>Non-automatic weighing instruments</i></p>	<p>TC 9/SC 1/p 1</p> <p>France Segolene Phulpin</p> <p>Germany Dorothea Knopf</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> • Online PG held on 2022-03-28 to explain progress and next steps • Several online SG meetings held • Hoping for project to be completed in 2025 <p>2022 planned:</p> <ul style="list-style-type: none"> • A webmeeting will be organised on 2022-03-28 to inform all members on the work realised by the subgroups and the next steps. • A 2WD based on the current content reorganised according to the new structure will be published. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> • The need to include colleagues of the CEEMS countries to take into account their need appropriately in the

project group dealing with verification is always present.

2021 achieved:

- A webmeeting was organised by the convenors on 2021-02-18 with 26 participating countries. During this webmeeting a proposed structure for parts 1 and 2 was shared with PG members and a possible strategy how to proceed was drafted. Members were invited to send comments and questions by the end of March 2021. There was general support even though some doubts about the timely realisation were remarked. A general discussion with some CIML members about the future of the project in May 2021 led to the decision to proceed with the restructure of the current OIML R 76 even if it is a huge task. This challenge and the need of support by all project group members for reaching the goals was discussed at a webmeeting in October 2021. There the sub-groups were reorganised and a stronger focus on the timeline announced.
- Subgroups dealing with general structure, software and modules are active. The subgroup in charge of software did work to align software requirements with D 31 and the subgroups in charge of modules and general structure worked on the reorganisation of the current revision according to the new structure accepted during the meeting of October 2021.
- No leader has been found for the subgroup in charge of specific use cases. The leader of the subgroup dealing with verification is now retired and the subgroup waits for colleagues of the CEEMS countries to take into account their need appropriately in the project group

2021 planned:

The initiated work highlighted questions on the structure of the Recommendation. The convenors thought it was necessary and reasonable to inform members of the project group about these ideas in order to have their feedback on the means to proceed. For these reason, a webmeeting was organised on 2021-02-18. During this webmeeting with 26 participating countries, a proposed structure for parts 1 and 2 was shared with members and a possible strategy how to proceed was drafted. Members were asked to send their comments and questions by the end of March. A further webmeeting will be organised in April or May 2021 to finalise and agree upon the structure of part 1 and 2 of R 76. This will have consequences even for the other intended parts of the Recommendation. The adaption of technical changes will be on the agenda of 2022.

During the February 2021 webmeeting, the need for a new part 5 dealing with verification for CEEMS was highlighted. The need to separate this work in another project has been identified, and the objective is to prepare this new part over the next 18 months. The project group dedicated to this topic will support this work, and it is proposed to include colleagues of the CEEMS countries to take into account their need appropriately in the project group.

Is anything preventing you from making progress with this project within the timelines in B 6?

Is there anything the BIML can do to help in accelerating the work?

Nothing suggested or requested

2020 achieved:

During the discussions on what information should be moved to which part of the Recommendation in the 1WD, it came out that the content of R 76 in its current form does not focus on the state of the art of new non-automatic weighing instruments and their type approval. As R 76 has been developed over a long time, the idea to change and restructure R 76 according to modern techniques and to concentrate on today's needs seems important. Starting from

the viewpoint of type evaluation of a modern non-automatic weighing instrument, the requirements of R 76 should cover electronics and software on a fundamental basis rather than via annexes, which would cause changes in the structure and the content of R 76. The 1WD of part 1 posted on Workspace (on 2020-07-24 for comments by 2020-10-23) is a first step in adapting the structure to current NAWIs. The modular approach - already part of the current R 76 and particularly described in the framework of OIML-CS, will need more guidance in the Recommendation. That is why, in parallel, the conveners work to create a chapter dealing with modular approach inside part 1.

Is anything preventing you from making progress with this project within the timelines in B 6?

Is there anything the BIML can do to help in accelerating the work?

The revision of R 76 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).

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.

2019 achieved:

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 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 R 76 in its current form does not focus on the state of the art of new non-automatic weighing instruments and its type approval. As R 76 has been developed over a long time, the idea to change and restructure R 76 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 R 76 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 R 76 well knowing that this concept contradict to a fast revision of the current R 76.

2019 planned:

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

Publication	Project Convener	History and current status
		<p>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.</p> <p>2018 achieved:</p> <p>The main aspects of the revision were discussed with the representatives attending the meeting in 12/2017. It was identified, that R 76 has to be updated concerning the aspects of:</p> <p>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 R 76 on the basis of the new version of D 31 is in discussion and on its way.</p> <p>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.</p> <p>The other fields of activity are up to now limited to bidirectional discussions.</p> <p>Unfortunately, no document was prepared in 2018.</p> <p>2018 planned:</p> <ul style="list-style-type: none"> • Discussions of the aspects within the sub-groups • Delivery of respective supporting texts • Preparation of a first working draft and collection of comments. <p>2017 achieved:</p> <p>Attendees of the PG meeting discussed and decided about the main aspects within the revision of R 76:</p> <ul style="list-style-type: none"> • Structure, Terms & Definitions • Modular Approach • Software • Harmonisation with other documents • Verification <p>Respective Sub-Groups were defined.</p> <p>2017 planned:</p> <p>Summarise main aspects for a revision and start to collect respective information; Prepare a draft version of the revised R 76 Meeting to be held in the second half of 2017 for the discussion of Working Draft of a revised R 76</p> <p>2016 achieved:</p> <p>Project approved by 51st CIML Meeting, October 2016</p>

Publication	Project Convener	History and current status
<p>Revision of R 51</p> <p><i>Automatic catchweighing instruments</i></p>	<p>TC 9/SC 2/p 10</p> <p>India Ashutosh Agarwal B.R. Dixit</p> <p>UK Morayo Awosola Max Hurst</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> • 4WD published 2022-02-22, deadline 2022-06-22 • Online PG meeting held 2022-04-20/21 • Ongoing work in subgroups • Online PG meeting planned for 2022-11-16/17 <p>2022 planned:</p> <ul style="list-style-type: none"> • To issue a 4WD. • To hold a PG meeting in April 2022 to discuss the subgroups reports • Based on the comments from the 4WD and the PG meeting to issue a 1CD • A meeting of the subgroup for Number of test packages at initial verification consisting of Japan, UK and Germany was held in January 2022. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> • Support from the BIML and the PG is excellent. Project is progressing to timeline. <p>2021 achieved:</p> <ul style="list-style-type: none"> • Online PG meeting held in May 2021. Zoom support provided by the BIML. Approximately 45 experts from over 25 PG countries and liaisons attended. The meeting discussed the 2WD and several subgroups under the leadership of volunteers were set up to investigate various R51 technical requirements: <ul style="list-style-type: none"> ○ initial verification and subsequent tests ○ Stable equilibrium and Dynamic weighing ○ Presentation of Markings in OIML R 51 ○ Physical display. In what application which kind of Indication is useful / required • A 3WD based on the decisions made at the PG meeting was issued and uploaded to the workspace. <p>2021 planned:</p> <p>An online PG meeting with support from the BIML is planned for May 2021. The meeting will discuss the comments received to the 2WD. Following the online meeting a 3WD of Parts 1 to 4 will be issued/uploaded to the PG workspace for further comments.</p> <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Nothing suggested or requested – support already being provided to host PG meeting on Zoom.</p> <p>2020 achieved:</p> <p>The meeting planned for 2020-04-27/29 was cancelled due to the pandemic.</p> <p>Parts 1 and 2 of the second working draft (2WD) of R 51:2006 were uploaded in May 2020 to the PG workspace for</p>

Publication	Project Convener	History and current status
		<p>PG comments with a deadline of August 2020.</p> <p>Important changes added to the 2WD included:</p> <ul style="list-style-type: none"> • Software section updated with the requirements of the new D31 2019E. New Software Annex in R51-2. • Definition of “Span” (impacting on Span stability) aligned with definition in VIM 4.5 “range of a nominal indication interval”. • R 51-1, 8.3 (initial verification) revised in line with proposals from several members and from the legal metrology group of the European weighing federation CECIP LMG. • Added a list (draft) of the tests to carry out for initial verification (Please review and help improve this list). • Proposals requested for which tests to list for subsequent verification and in-service inspection. • Updated the RF testing up to 6 GHz as in D 11:2013 in order to take into account all frequencies produced by mobile phones, WLAN transmitters, etc, which are real potential sources of disturbance. <p>Comments on the 2WD were received from several PG members and collated. Some of the comments which are technical in nature were uploaded to the PG workspace for discussion in the PG meeting planned for 2021. Several members including CECIP, Germany, etc. have requested a PG meeting before we issue a 3WD.</p> <p>2020 planned:</p> <p>Project group meeting planned for 2020-04-27/29, Sydney, Australia 1CD to be produced later in year</p> <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Not at the moment</p> <p>2019 achieved:</p> <p>1 WD issued for comments</p> <p>2019 planned:</p> <p>2WD issued to PG for comments.</p> <p>2018 achieved:</p> <p>Project approved by resolution 2018/23 of 53rd CIML Meeting</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>TC 9/SC 2/p 11</p> <p>UK Morayo Awosola Max Hurst</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> • 4WD published 2022-03-11, deadline 2022-07-22 • Online PG meeting held 2022-04-27/28 • Ongoing work in subgroups • Next meeting being planned for early 2023 <p>2022 planned:</p> <ul style="list-style-type: none"> • To hold a PG meeting in April 2022 to discuss the subgroups reports • To issue a 4WD. • Based on the comments from the 4WD and the PG meeting to issue a 1CD <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> • Support from the BIML and the PG is excellent. Project is progressing to timeline. <p>2021 achieved:</p> <ul style="list-style-type: none"> • Project Group online meeting held 2021-04-20/21 with over 30 experts representing approximately 20 countries and liaisons. The meeting discussed the 2WD and several subgroups were set up to address various technical issues: <ul style="list-style-type: none"> ○ Axle load weighing ○ Limits of error in R 134 for type approval, initial, subsequent and in-service ○ Reviewing no. of tests, runs, vehicle types, enforcement and commercial applications in R134-1 • Subgroups established following meeting • Ballot held on future of axle load weighing in this Recommendation 2021-04-28, deadline 2021-06-15 • Subgroup established to deal with this topic as PG members wish to keep it in the Recommendation with amendments to ensure traceability. • 3WD of parts 1 and 2, and 1WD of part 3 posted for opinion and comment 2021-09-14, with a deadline of 2022-02-06. <p>2021 planned:</p> <p>Several PG members, ISWIM and CECIP had suggested a PG meeting to discuss the 2WD comments. Consequently, an online PG meeting with support from the BIML is planned for April 2021. The meeting will discuss the comments received to the 2WD. Following the meeting a 3WD of Parts 1 to 4 will be issued/uploaded to</p>

Publication	Project Convener	History and current status
		<p>the PG workspace for further comments.</p> <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Nothing suggested or requested. Support already being provided for online meeting in April.</p> <p>2020 achieved:</p> <p>The meeting planned for 2020-04-27/29 was cancelled.</p> <p>Parts 1 and 2 of the second working draft (2WD) of R134:2006 was uploaded in April 2020 to the PG workspace for comments with a deadline of July 2020. Comments were received and collated. ISWIM (International Society for Weigh in Motion) had joined the project group and sent in comments to the 2WD. Some of the comments which are technical in nature were uploaded to the PG workspace for discussion in the PG meeting planned for 2021.</p> <p>The 2WD added the following new requirements:</p> <ul style="list-style-type: none"> • Requirements on “low speed” and “high speed” WIM systems • Additional requirements for legal applications • Dispersion of results, safety factor • Requirements on vehicle speed control systems • Requirements on high speed WIM systems <p>2020 planned:</p> <p>Project group meeting , Sydney, Australia 1CD planned later in year</p> <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Project has just started. No problems identified yet</p> <p>2019 achieved:</p> <p>Project allocated to UK in October 2019 1 WD issued for comments 2019-12-11, deadline 2020-03-16</p> <p>2019 planned:</p> <p>Project transferred to UK convenership</p> <p>2018 achieved:</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>

Publication	Project Convener	History and current status
<p>Revision of R 23</p> <p><i>Tire pressure gauges for motor vehicles</i></p>	<p>TC 10/p 1</p> <p>Kenya John Wamwana</p> <p>BIML Ian Dunmill</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> No action to date <p>2022 planned:</p> <ul style="list-style-type: none"> 2021 actions carried over. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>BIML already taken over co-convenership.</p> <p>2021 achieved:</p> <ul style="list-style-type: none"> Progress was not possible due to the pandemic situation and other priorities. The same actions as for 2021 are therefore carried forward and will be achieved through online collaboration and/or in-person meetings if the possibility arises. <p>2021 planned:</p> <ul style="list-style-type: none"> Clarify existing WDs Conduct any necessary voting on WDs by end of March 2021 Produce 1CD by end of June 2021 Produce 2CD by end of 2021 <p>An online meeting will be organised by the BIML if this is considered necessary once the current state of the project has been established. It is necessary.</p> <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Change of co-convenership will help with progress. Kenya had staff constraints in the Division that affected progress. Situation has improved, hence co-convenor is now more focused on the project. Technical input to be</p>

provided by Kenya, with editorial work and processes handled by the BIML.

2020 achieved:

Netherlands stood down from co-convenership in October 2020
Current documents posted to the Workspace for continuation of future work.

2020 planned:

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

Is anything preventing you from making progress with this project within the timelines in B 6?

Is there anything the BIML can do to help in accelerating the work?

2019 budget for OIML was low and prevented progress. 2020 budget is sufficient. Progress within B 6 timelines 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 1WD 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:

Publication	Project Convener	History and current status
		<p>A number of items have been added to the Working Draft based on prEN 12645</p> <p>2017 planned: Creating first working draft 1WD out for comments by end 2017.</p> <p>2016 achieved: Documents exchanged with explanation</p> <p>2016 planned: The co-convenership will be followed up so that progress can be made on the revision.</p> <p>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.</p> <p>2015 planned: 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. Receive and collate comments as basis for 1CD (if possible)</p> <p>2014 planned: WD to be circulated. Intend to progress to 1CD during 2014</p> <p>2014 achieved: No progress</p> <p>History: 1WD 2019-01-17 / 2019-04-17</p>
<p>Revision of R 46</p> <p><i>Electricity meters</i></p>	<p>TC 12/p 1</p> <p>Australia Phillip Mitchell Sowmya Ramakrishnan</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> Awaiting 5WD <p>2022 planned:</p> <ul style="list-style-type: none"> Convener to draft and circulate 5WD to TC 12/p 1, with the aim of having meetings (online/face to face) in late 2022 or early 2023. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> The work was put on hold in the latter half of 2021 due to continuing work in the EVCS space with the intention of publishing a Guide as early as possible to support manufacturers and regulators across the globe

Publication	Project Convener	History and current status
		<p>in developing and implementing harmonised international requirements.</p> <ul style="list-style-type: none"> The convener expects to progress work in 2022, as planned. <p>2021 achieved:</p> <ul style="list-style-type: none"> Online meetings over a period of six days in May 2021 to discuss comments received on 4WD. Online meetings to discuss the development of EVCS (electric vehicle charging stations) guide (four between November 2020 and September 2021). Due to increased uptake of EVCS across the globe, decision to make the EVCS subgroup a separate project, TC 12/p 3, with Netherlands as conveners <p>2021 planned:</p> <ul style="list-style-type: none"> Project Group meeting(s) planned for mid-2021, to be held online. Subgroup 2 meetings proceeding for Electric Vehicle Charging Systems Other subgroup meeting planned with or around the project group meeting. Produce next draft mid-late 2021. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> COVID impacted travel and physical meetings, and delayed progress in 2020. Communication with members is difficult due to issue with sending emails from OIML website. It may also be helpful to have assistance with providing the platform and coordination of an online meeting. <p>2020 achieved:</p> <ul style="list-style-type: none"> 3WD posted 2020-01-31 with deadline for comments of 2020-05-01 4WD posted 2020-12-23 with deadline for comments of 2021-04-09 2020 meeting planned for Delft did not occur due to COVID. A number of subgroup 2 meetings proceeded for Electric Vehicle Charging Systems <p>2019 achieved:</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>2018 achieved:</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>2016 achieved:</p> <p>Project approved by resolution 2016/25 of the 51st CIML Meeting</p>
<p>New Guide and Recommendation</p> <p><i>Electric vehicle charging stations</i></p>	<p>TC 12/p 3</p> <p>Netherlands Matthijs van der Wiel</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> “v20” of draft Guide published 2021-12-22, deadline 2022-02-22 Five days of online meetings held 2022-06-27 to 2022-07-01

Publication	Project Convener	History and current status
		<ul style="list-style-type: none"> • Final text of draft Guide sent to BIML 2022-07-21 • Guide approved by CIML President and published as OIML G 22 2022-09-15 • Webinar on G 22 held 2022-10-07 • Ongoing work to develop Recommendation <p>2022 planned:</p> <ul style="list-style-type: none"> • End of consultation round 2022-0-24. • March: Two three-hour plenary TC 12/p 3 meeting sessions to discuss comments received. • April: submit consensus version of Guide to BIML, for approval by CIML president. • Q3/Q4: plan activities for development of full Recommendation, based on published Guide. <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <ul style="list-style-type: none"> • No blocking issues identified. <p>2021 achieved:</p> <ul style="list-style-type: none"> • A running start was made, coming out of subgroup 2 of TC 12/p 1. • Two online meeting sessions took place on 10 Nov and 22 Nov. • Transfer from TC 12/p 1/sg 2 to TC 12/p 3 was communicated and executed. • Consultation draft of EV charging Guide (v20) circulated on 22 December <p>2021 planned:</p> <p>Project approved at 56th CIML Meeting in October 2021.</p>

<p>New Recommendation</p> <p><i>Instruments for measuring the vehicle exhaust soot particle number (PN)</i></p>	<p>TC 16/SC 1/p 4</p> <p>Germany Volker Ebert</p> <p>Netherlands Paul Kok</p>	<p>2022 achieved:</p> <ul style="list-style-type: none"> No progress to date <p>2022 planned:</p> <p>No information received</p> <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>No information received</p> <p>2021 achieved:</p> <p>No information received</p> <p>2021 planned:</p> <ul style="list-style-type: none"> 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>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Nothing suggested or requested.</p> <p>2020 achieved:</p> <p>None, due to Corona pandemic.</p> <p>2020 planned:</p> <p>Letter from conveners about scope</p> <p>Voting on document scope (broad= TA+ RDE + PTI or narrow = TA or RDE or PTI only)</p> <p>Progress on document structure decisions</p> <p>First steps in recommendation development</p> <p>Is anything preventing you from making progress with this project within the timelines in B 6?</p> <p>Is there anything the BIML can do to help in accelerating the work?</p> <p>Nothing mentioned</p> <p>2019 achieved:</p> <p>Kick-off meeting took place 2019-11-27/28</p> <p>Scope of project discussed:</p> <ul style="list-style-type: none"> Recommendations for particle number counters for PTI; Expert report(s), guide(s) and/or other documents (for example publications in OIML Bulletin) for particle
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Publication	Project Convener	History and current status
		number counters for vehicle type approval (TA) and Real Driving Emissions purposes 2019 planned: No document yet History: Project approved by resolution 2018/27 of 53rd CIML Meeting, project group forming