

JCRB Report to the CCT

Chingis KUANBAYEV, Executive Secretary of the JCRB



BIPM
May 2014

CIPM MRA documents

<http://www.bipm.org/en/cipm-mra/documents/>

Policy documents

Title	Doc. no.	Latest update
Text of the CIPM MRA <small>(également disponible en français)</small>		2003
The CIPM MRA: 2005 Interpretation Document	CIPM/2005-06REV	Apr. 2006
Guide to the implementation of the CIPM MRA	CIPM MRA-G-01	Oct. 2012
NMIs and other Designated Institutes	CIPM/2005-07	
Services available to Associate States and Economies of the CGPM and their participation in the CIPM MRA	CIPM/2005-05	
Use of the CIPM MRA logo and certificates statement	CIPM MRA-D-02	Oct. 2008
Procedure for approval of the entry of a new RMQ to the JCRB	CIPM MRA-P-01	Jan. 2011

Guidance on CMCs

Title	Doc. no.	Latest update
Calibration and Measurement Capabilities in the context of the CIPM MRA	CIPM MRA-D-04	Jan. 2011
Additional instructions and templates for CMC excel files: <small> General AUV EM PR QM RI </small>		
For the classification of services in the various fields, see: <small>KCDB AUV EM L M PR QM RI I IF </small>		
Traceability in the CIPM MRA	CIPM/2009-24	Oct. 2009
JCRB guidelines for the monitoring and reporting of the operation of quality systems by RMOs	CIPM MRA-G-02	Jan. 2011
Guidelines for the review of CMCs and the monitoring and reporting of the operation of quality systems by international intergovernmental organizations who are signatories of the CIPM MRA	CIPM MRA-G-03	Nov. 2008
Recommendations for on-site visits by peers and selection criteria for on-site visit peer reviewers	CIPM/2007-25	Apr. 2008
Uncertainty contributions of the device under calibration or measurement	JCRB-8/9	Feb. 2002
Subcontracting of measurements under the CIPM MRA	CIPM/2005-09	

Guidance on comparisons

Title	Doc. no.	Latest update
Measurement comparisons in the CIPM MRA	CIPM MRA-D-05	Oct. 2012
Key and supplementary comparison registration form	JCRB-9/9(1)	
CIPM MRA Guidelines for Authorship of Key, Supplementary and Pilot Study Comparison Reports	CIPM MRA-G-04	Oct. 2011

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Outcomes of JCRB meetings: JCRB Resolutions, Recommendations and Actions

↳ JCRB summary

→ Please select a meeting or a topic using the boxes below, or enter a search term in the text box:


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<http://www.bipm.org/jsp/en/JCRBOutcomes.jsp>

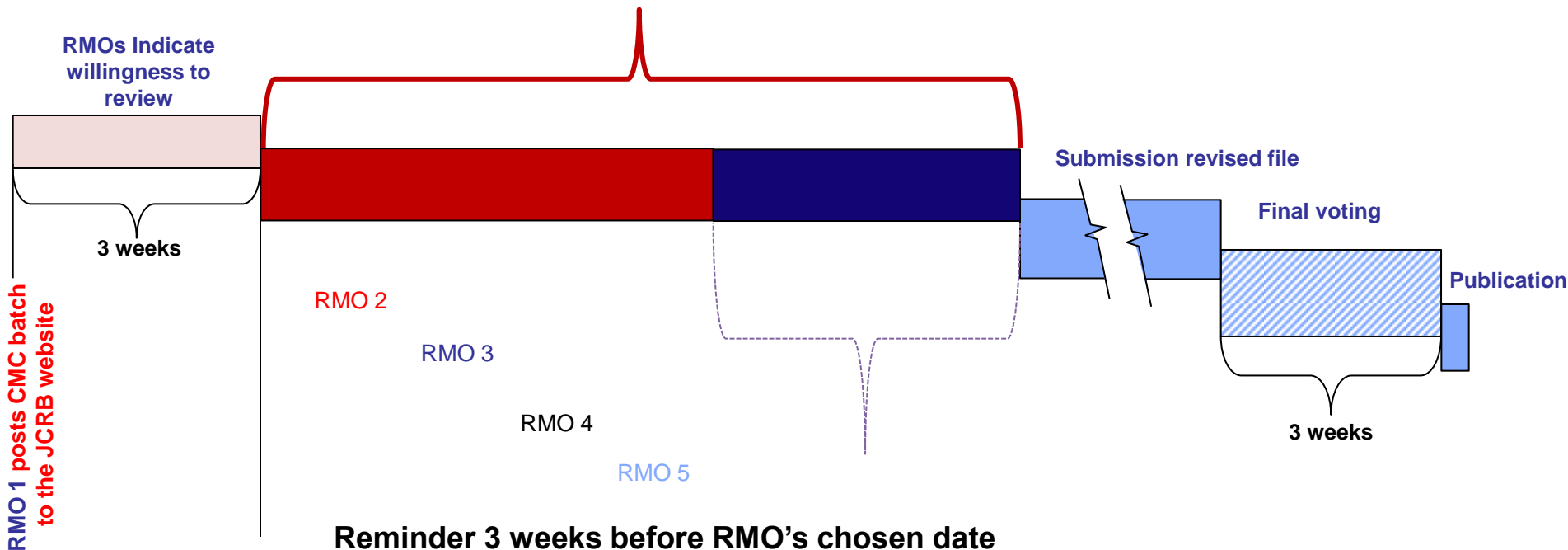
Changes in the JCRB Website

Changes have been made according to the Resolution 30/1 of the 30th JCRB meeting.

Please be aware, that:

- The deadline to *indicate intention* to review - 3 weeks (with a reminder 1 week before the deadline);
- The deadline chosen by RMO for submission its review report – the date you indicate is a *hard deadline* (with a reminder 3 weeks before the deadline);
- The deadline for approval of CMCs - 3 weeks (with a reminder 1 week before the deadline).

Promised date to review = **DEADLINE** for submission review report



Highlights of the JCRB

Recommendation 30/1: The JCRB strongly encourages the CCs and the RMOs to use the BIPM Web Forum as a tool for effective information exchange and consider increased use of the “fast track” to promote more rapid processing of CMCs.

Recommendation 30/2: The JCRB recognizes the maturity and effectiveness of the CMC review process and the degree of trust established between the RMOs. Consequently, the JCRB strongly recommends that duplication, resulting from RMO reviewing the same CMCs during interregional review, be reduced wherever possible.

Recommendation 30/3: The JCRB recommends that RMOs pay greater attention to the appropriate guidelines during intra RMO review in order to improve the efficiency of the inter RMO review of CMCs.

Action 30/1: The JCRB Executive Secretary will develop text on "greying-out CMCs" and reinstating "greyed-out CMCs" for CIPM MRA-D-04 for approval at the next meeting of the JCRB.

Calibration and Measurement Capabilities in the context of the CIPM
MRA
CIPM MRA-D-04



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12. Greying-out of published CMCs

A greyed-out CMC is a calibration and measurement capability that had been published in the KCDB, but for some reason has been temporarily suspended (with the intention to reinstate it at some future date).

The greyed-out CMCs are not visible in the open KCDB website, but are retained in the database so are not lost.

The maximum period for the greyed-out status is five years.

Greying-out of published CMCs usually arises through non-compliance with the criteria for acceptance of CMCs as described in Section 3, but may also occur when an NMI/DI indicates that the service has been temporary suspended.

CIPM MRA-D-04

http://www.bipm.org/utils/common/CIPM_MRA/CIPM_MRA-D-04.pdf

Key and supplementary comparisons (and pilot studies) - registration and progress form

Comparison conducted by		in	Date:
1. Subfield:	RMO internal identifier		
2. KCDB identifier: <small>(for KCs and SCs)</small>	<small>(to be attributed by the BIPM)</small>		
3. Type of comparison: Key <input type="checkbox"/> Supplementary <input type="checkbox"/> Pilot study <input type="checkbox"/>	4. Short description:		
5. Measurand and nominal value(s):	Special characters for copying <small>(if required)</small> αβγγΔδεζηθικλμ		
6. Parameter(s):			
7. Transfer device(s)/sample(s):			
8. Pilot laboratory(ies) <small>(acronyms and countries):</small>			
9. Participating institutes <small>(acronyms and countries):</small>			
10. PROGRESS: <small>(please note date and tick appropriate box to indicate current status)</small>			
Date	Status	Pilot	Supplementary
	Planned	<input type="checkbox"/>	<input type="checkbox"/>
	Protocol complete	<input type="checkbox"/>	<input type="checkbox"/>
	In progress	<input type="checkbox"/>	<input type="checkbox"/>
	Measurement completed	<input type="checkbox"/>	<input type="checkbox"/>
	Report in progress	<input type="checkbox"/>	<input type="checkbox"/>
	Report submitted to	<input type="checkbox"/>	<input type="checkbox"/>
	Results approved	<input type="checkbox"/>	<input type="checkbox"/>
	Approved for equivalence	<input type="checkbox"/>	<input type="checkbox"/>
	Abandoned	<input type="checkbox"/>	<input type="checkbox"/>
			Draft A <input type="checkbox"/>
			Draft B <input type="checkbox"/>
Comments:		Publication reference:	
11. Measurement start date:		12. (Expected) measurement completion date:	
13. Contact person's name:			
Address:	Tel.:		
	Fax:		
	e mail:		
	Web:		

Completed copy to be forwarded to a) CXX Executive Secretary;
 b) relevant CC Key Comparison WG Chairman;
 c) Regional coordinator as appropriate;
 d) KCDB Coordinator [except Pilot studies]: RUBD.KCDB@bipm.org

BIPM
 Bureau International des Poids et Mesures

Home | Key and supplementary comparisons | Calibration and Measurement Capabilities - CMCs

Home > Comparisons Search > Information

Key and supplementary comparisons - Information

COOMET.M.H-K3

- Information
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Information

Metrology area, branch	Mass, Hardness
Description	Comparison of national hardness standards of Rockwell and Superficial-Rockwell scales
Time of measurement	2013 - 2016
Status	Planned
Reference(s)	COOMET.M.H-K3 registration and progress form COOMET.M.H-K3 Technical Protocol
Measurand	Hardness: Rockwell A, 83 HRA; Rockwell B, 90 HRB; Rockwell C, 25 HRC, 45 HRC, 65 HRC Hardness: Superficial-Rockwell: 90 HRN15 to 94 HRN15, 40 HRN30 to 50 HRN30, 76 HRN30 to 84 HRN30, 43 HRN45 to 54 HRN45, 35 HRT30 to 45 HRT30, and 70 HRT30 to 82 HRT30
Transfer device(s)	One set of hardness reference blocks of the Rockwell scale, consisting of 5 blocks, and one set of hardness reference blocks of the Superficial-Rockwell scale, consisting of 6 blocks
Comparison type	Key comparison
Consultative Committee	CCM (Consultative Committee for Mass and Related Quantities)
Conducted by	COOMET (Cooperation in Metrology among the Central European Countries)
Other designation(s)	COOMET 560/UA/12

Related links

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- BIPM.KCDB@bipm.org

Action 31/1: BIPM to develop an electronic format for the form “Key and supplementary comparison registration form” in order to improve the accuracy and consistency of the information relating to KC status on the KCDB.

Action 32/5: CIPM MRA: Each RMO to prepare bullet points identifying, from their perspective, the benefits and the successes of the CIPM MRA. The intention is to eventually combine these into a single presentation to be made at the CGPM as an introduction to the Draft Resolution to be presented at the 25th meeting of the CGPM on the CIPM MRA. It is envisaged that the common points will be compiled and supplemented by RMO specific perspectives (one slide per RMO). BIPM will add introductory statistics, and the presentation will conclude with progress already made towards a sustainable CIPM MRA and as an introduction to the Draft Resolution.

RMOs to coordinate and send the common and RMO specific bullet points to the BIPM (JCRB Executive Secretary) by the end of May, 2014 so that the presentation can be discussed at the June meeting of the CIPM bureau.

Action 32/6: Each RMO to individually contribute to the CIPM MRA review by highlighting the successes and challenges for them and their stakeholders, and suggest practical ideas for improvements in the operation of the activities falling within the responsibility of the JCRB. To facilitate collation of the information the RMOs will attempt to follow a common format. To enable development of the format each RMO should send its ideas for line items to A. Steele by beginning of June 2014. A. Steele will propose a draft common format to the RMOs for comments by the end of June 2014. The final completed discussion document to be submitted by each RMO to the BIPM by the end of 2014 for discussion at the 2015 JCRB meeting.

Some statistics from the Database

Results of analysis of CMC sets which were posted and approved on the JCRB CMC review website

in the period of January-July 2013 (7 months)		
CMC sets		Average time from posting to publication, days
Submitted to the JCRB	33	
Had not been yet approved	7	
Approved	26	
Fast track	13	17
Classic review	13	107

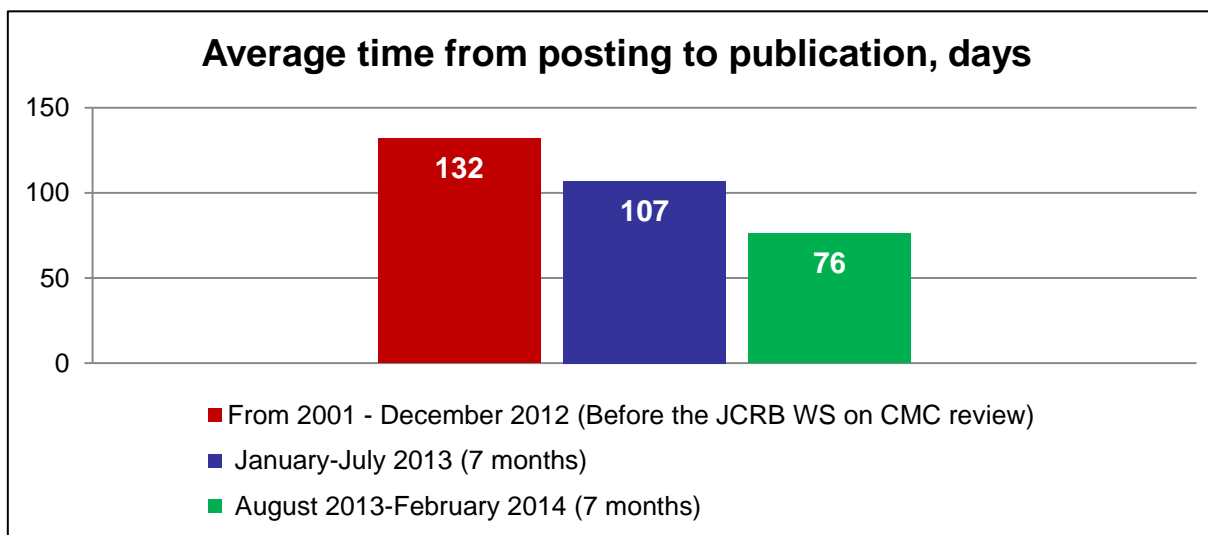
"Old deadlines"

- Indication intention to review - 6 wks (reminder at 3 wks)
- Submission review report - date chosen by RMO + 6 wks (reminder at 3 wks)
- Voting - 6 wks (reminder at 3 wks)

in the period of August 2013-February 2014 (7 months)		
CMC sets		Average time from posting to publication, days
Submitted to the JCRB	35	
Had not been yet approved	11	
Approved	24	
Fast track	11	17
Classic review	13	76

"New deadlines" (applied to the JCRB since August 2013)

- Indication intention to review - 3 wks (reminder at 2 wks)
- Submission review report - date chosen by RMO (reminder 3 wks before)
- Voting - 3 wks (reminder at 2 wks)



Alerts (notifications)

The screenshot shows an email client interface with a ribbon menu at the top. The ribbon includes sections for 'Delete', 'Respond', 'Quick Steps', 'Move', 'Tags', 'Editing', and 'Zoom'. The email content is as follows:

From: jcrb_es@bipm.org
To: jcrb_es@bipm.org
Cc: ahmedi@kebs.org; APMPSecretariat@measurement.gov.au; bvb@metrology.kharkov.ua; BvdMerwe@nmisa.org; coomet@vniims.ru; CSANTO@latu.org.uy; ebatista@ipq.pt; eltaweel38@yahoo.com; fgarcia@cesrarias@cenam.mx; secretariat@euramet.org; terao.yoshiya@aist.go.jp; tokihiko.kobata@aist.go.jp; wlouw@nmisa.org; ymchoi@kriss.re.kr; BIPM.KCDB@bipm.org
Subject: CMC COOMET.M.20.2014 was posted

Message: CMC_density_VNIIM_RU.zip (702 KB)

A new CMC file has been posted

COOMET has posted **COOMET.M.20.2014** for inter-regional review.

CMC information:

Please indicate your intention to review in the [JCRB web page](#)

Please pay attention to the deadlines:

- The deadline to indicate *intention to review* - 3 weeks (with a reminder 1 week before the deadline);
- The deadline chosen by RMO for submission its review report - the date you indicate is a *hard deadline* (with a reminder 3 weeks before the deadline);
- The deadline for approval of CMCs - 3 weeks (with a reminder 1 week before the deadline).

Detailed information on the CMC review process is described in the guidance document [CIPM MRA-D-04](#), which is available on the BIPM website.
Thank you for your attention.
Best regards,
JCRB Executive Secretary,
email: jcrb_es@bipm.org

PS: The CMC file is attached to this mail; alternatively, you can download it from the JCRB website
MD5 digest is: 549D54471C253EAF202B82556B855AA2