

Steps Taken to Implement Resolutions from the 26th CGPM

Directors meeting
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Wynand Louw (President of CIPM)

Bureau
♦ **I**nternational des
♦ **P**oids et
♦ **M**esures



Resolutions of the 26th CGPM

Resolution 1: On the revision of the International System of Units (SI)

Resolution 2: On the definition of time scales

Resolution 3: On the objectives of the BIPM

Resolution 4: On the dotation of the BIPM for the years 2020 to 2023

Resolution 5: On the financial arrears of Member States and the process of exclusion



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1: On the revision of the International System of Units (SI)

Decision CIPM/108-U3

The CIPM welcomes the preparation of a questionnaire by the CCU on the implementation of the revised SI by stakeholders of the Metre Convention. It is recommended to send this questionnaire to all Member State NMIs with the request for them to further involve representative scientific academies as well as representatives of educational institutions of Member States.

1b: On the revision of the International System of Units (SI)

Decision CIPM/108-U4

The CIPM decides to establish a Task Group “Digital SI” to explore and establish suitable liaisons with all relevant stakeholders aiming at agreeing an authoritative document on a meta-data format for SI-based data transfer as well as for machine-interpretable unambiguous digital representation of metrological information and factual data in general.

2: On the definition of time scales

Decision CIPM/107-C1 (Support for the IGS position)

- ◆ The CIPM considering:
 - ❖ the need for common space and time references for the interoperability of GNSS and the current discussion at the International GNSS Committee (IGC) of the United Nations,
 - ❖ the current work within the International GNSS services (IGS), with the support of many NMI time experts, on a recommendation not supporting the realization of a new time scale to avoid proliferation of international standards,
 - ❖ the risk of having different international time scales broadcast worldwide that, at user level, could create confusion,
 - ❖ that Resolution 2 of the 26th meeting of the CGPM (2018);
 - ◆ stated that UTC produced by the BIPM, based on TAI, is the only recommended time scale for international reference and the basis of civil time in most countries and that the CGPM in 1975 strongly endorsed this usage, and
 - ◆ recommended working together with relevant organizations to develop a common understanding on reference time scales,

decides to support the IGS and the ICG in exploring the capacity of GNSS providers to ensure multi-GNSS interoperability based on Coordinated Universal Time, with the final goal of avoiding the proliferation of international reference time scales.

2b: On the definition of time scales

Decision

The CIPM asked the CCTF President and the Director of the BIPM Time Department to establish a CIPM task group to support the preparation of the CIPM for the World Radio-communication Assembly in 2023.

3: On the objectives of the BIPM

CIPM Decision 108/-A7

The CIPM decides to expand the Terms of Reference of the CIPM Sub-Committee on Strategy to include advice to the CIPM on wider strategic directions of metrology with the following terms of reference:

The CIPM Sub-Committee on Strategy will advise and support the CIPM regarding strategic matters on the following five strategic areas:

1. Responding to the evolving needs for metrology
2. Addressing key scientific challenges to advance the global measurement system
3. Strategy for deepening engagement with other international organisations on measurement science issues
4. Reviewing the strategy for future membership of the organisation
5. **Modernising the operations of the organisation**

The outcome should focus on what the CIPM can do to address these issues, reflecting them in the operation of the BIPM staff and laboratories. Regular reports should be given to the CIPM, with a consolidated report to the 27th CGPM.

4: On the financial arrears of Member States and the process of exclusion

Decision CIPM/108-A9 (expanding ToR of the FSC)

The CIPM decided to extend the Terms of Reference of the Finance Sub Committee in order to implement Resolution 5 of the 26th meeting (2018), which states that: *'the CIPM shall address the situation where historical practice has resulted in the accumulation of arrears'*

4: On the financial arrears of Member States and the process of exclusion

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- Data has been established, and will be reviewed by the FSC

4: On the financial arrears of Member States and the process of exclusion

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- Data has been established, and will be reviewed by the FSC
- Work ongoing to address the advances associated with the accumulated arrears that will be acceptable:
 - to the Member States that made the advances
 - to the external auditors

Thank you

wlouw@nmisa.org

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