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| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
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| PLENARY MEETING | | **Addendum 6 to Document 111(Add.24)-E** | |
|  | | **29 October 2023** | |
|  | | **Original: Chinese** | |
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| China (People's Republic of) | | | |
| Proposals for the work of the Conference | | | |
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| Agenda item 9.1 | | | |

9 to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the ITU Convention;

9.1 on the activities of the ITU Radiocommunication Sector since WRC‑19:

Introduction

Coordinated Universal Time (UTC) is the [official](https://www.baidu.com/link?url=a3uK37wfiQl3zfxANrlHO2adBhQesB1trQN7-V7bSu4HzqHKBWaC0tr7umBhR6YY4RqArWkFLT5LCRqovMt2ta&wd=&eqid=860b14550000bdd300000003652778aa) reference time scale for the modern world. It is maintained by the International Bureau of Weights and Measures (BIPM) and adjusted with the insertion or deletion of positive or negative leap-seconds to ensure approximate agreement with mean solar time (UT1). Removing the insertion or deletion of the leap second from the definition of UTC has been a matter of discussion for more than 20 years, but it has still not been implemented.

Since WRC-15, this issue has been studied continuously by ITU-R and the organizations of the Metre Convention in parallel and in cooperation with each other. In line with Resolution **655** **(WRC-15)**, the relationship between ITU-R and BIPM has been strengthened. ITU-R and BIPM signed a Memorandum of Understanding in 2020. After that, the [27th meeting of the General Conference on Weights and Measures (CGPM](https://www.bipm.org/en/cgpm-2022)) in November 2022 adopted [Resolution 4](https://www.bipm.org/en/cgpm-2022/resolution-4) on the use and future development of UTC and decided that the maximum value of the difference (UT1 – UTC) was going to be added to ensure that the continuity of UTC could last for at least 100 years. The transition from the old to the new UTC system is expected to be completed by the end of 2035.

Proposal

China supports the continuation of ITU-R studies to cooperate further with BIPM, the International Committee for Weights and Measures (CIPM) and CGPM on the future of UTC. At the same time, sufficient time (i.e. 2035) should be reserved to ensure a smooth transition from the old to the new UTC system.

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China supports the continuation of ITU-R studies to cooperate further with the International Bureau of Weights and Measures (BIPM), the International Committee of Weights and Measures (CIPM) and the General Conference on Weights and Measures (CGPM) on the future of UTC. At the same time, sufficient time (i.e. 2035) should be reserved to ensure a smooth transition from the old to the new UTC system.

**Reasons:** BIPM and ITU-R have signed a Memorandum of Understanding and the 27th CGPM has adopted Resolution 4 to add the tolerance value for (UT1 – UTC). Given the existing situation, it is necessary to follow the latest developments and support reserving sufficient time to ensure a smooth transition from the old to the new UTC systems.

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