|  |  |  |  |
| --- | --- | --- | --- |
| A close up of a sign  Description automatically generated | **World Radiocommunication Conference (WRC-23) Dubai, 20 November - 15 December 2023** | |  |
|  | |  | |
|  | |  | |
| PLENARY MEETING | | **Addendum 10 to Document 111-E** | |
|  | | **29 October 2023** | |
|  | | **Original: Chinese** | |
| China (People's Republic of) | | | |
| PROPOSALS FOR THE WORK OF THE CONFERENCE | | | |
|  | | | |
| Agenda item 1.10 | | | |

1.10 to conduct studies on spectrum needs, coexistence with radiocommunication services and regulatory measures for possible new allocations for the aeronautical mobile service for the use of non-safety aeronautical mobile applications, in accordance with Resolution **430 (WRC‑19)**;

Introduction

The World Radiocommunication Conference (Sharm el-Sheikh, 2019) approved WRC-23 agenda item 1.10 and invited ITU-R to perform sharing and compatibility studies between non-safety aeronautical mobile applications and existing services in the frequency band 15.4-15.7 GHz and 22-22.21 GHz, while ensuring the protection of primary services in the considered frequency bands and, as appropriate, adjacent frequency bands.

The CPM Report identifies five methods to satisfy the agenda item:

– Method A: No change to Radio Regulations;

– Method B: New primary allocation to aeronautical mobile (off-route) service (AM(OR)S) in the frequency band 15.4-15.7 GHz;

– Method C: Remove the exception of AM(OR)S in the frequency band 22‑22.21 GHz;

– Method D: Combination of Methods B and C;

– Method E: Combination of Methods B and C with 10 MHz guardbands.

All the methods propose the suppression of Resolution **430 (WRC-19)**.

Proposal

China is of the view that the protection of existing services in the frequency bands 15.4-15.7 GHz and 22-22.21 GHz and the adjacent frequency bands should be ensured, and therefore supports Method A.

NOC CHN/111A10/1

ARTICLES

**Reason:** The conclusions of ITU-R sharing studies indicated that the protection of existing services, in particular the radionavigation service and radiolocation service, cannot be ensured. Therefore it is not appropriate to modify the existing Articles.

NOC CHN/111A10/2

APPENDICES

**Reason:** The conclusions of ITU-R sharing studies indicated that the protection of existing services, in particular the RNS and RLS, cannot be ensured. Therefore it is not appropriate to modify the existing Appendices.

SUP CHN/111A10/3

RESOLUTION 430 (WRC‑19)

Studies on frequency-related matters, including possible additional allocations, for the possible introduction of new non-safety aeronautical mobile applications

\_\_\_\_\_\_\_\_\_\_\_\_\_\_