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| **World Radiocommunication Conference (WRC-15) Geneva, 2–27 November 2015** |  |
| **INTERNATIONAL TELECOMMUNICATION UNION** |  |
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|  | **Addendum 7 to Document 62-E** |
|  | **16 October 2015** |
|  | **Original: Chinese** |
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| China (People's Republic of) | |
| Proposals for the work of the conference | |
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| Agenda item 1.7 | |

1.7 to review the use of the band 5 091-5 150 MHz by the fixed-satellite service (Earth-to-space) (limited to feeder links of the non-geostationary mobile-satellite systems in the mobile-satellite service) in accordance with Resolution **114 (Rev.WRC‑12)**;

Introduction

Resolution 114 (Rev.WRC‑12)concerns studies on compatibility between new systems of the aeronautical radionavigation service and the fixed‑satellite service (Earth-to-space) (limited to feeder links of the non‑geostationary mobile-satellite systems in the mobile-satellite service) in the frequency band 5 091‑5 150 MHz.

In the Radio Regulations (2012 edition), the band 5 091-5 150 MHz is allocated to the aeronautical mobile, aeronautical mobile-satellite (R) and aeronautical radionavigation services on a primary basis. In addition, RR No. 5.444A provides that the band 5 091-5 150 MHz is also allocated to the fixed‑satellite service (Earth-to-space) (limited to feeder links of the non‑geostationary mobile-satellite systems in the mobile-satellite service) on a primary basis under the conditions that that allocation shall protect the microwave landing system (MLS) and shall not cause any interference to the aeronautical radionavigation service.

Proposal

This administration is highly concerned regarding the protection of ARNS systems sharing the same frequency band with FSS systems. Resolution 114 (Rev. WRC-12) and Recommendation ITU-R S.1342 confirm the priority of ARNS. The coordination distance is given for the protection of ARNS systems. The method given in the CPM Report also takes account of the protection of ARNS systems from other systems using the same frequency band. Therefore, this administration has no objection to the single method presented in the CPM report to satisfy this agenda item.

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