

UNITED STATES OF AMERICA

DRAFT PRELIMINARY VIEWS FOR WRC-15

Agenda Item 9: to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention:

9.1: on the activities of the Radiocommunication Sector since WRC-12

Section 9.1.8 of the CPM Report: Resolution **757 (WRC-12)** Regulatory aspects for nanosatellites and picosatellites

BACKGROUND: WRC-12 adopted Resolution **757 (WRC-12)** which resolves to invite WRC-18 to consider whether modifications to the regulatory procedures for notifying satellite networks are needed to facilitate the deployment and operation of nanosatellites and picosatellites, and to take appropriate actions. The regulatory procedures for notifying satellite networks apply to all satellite networks and systems in order to avoid causing or receiving harmful interference.

ITU-R Working Party 7B, in response to Question ITU-R 254/7, is developing a Draft New Report on technical and operational characteristics of nanosatellites and picosatellites.

Currently, Resolution **757 (WRC-12)** provides the only direct recognition of nanosatellites and picosatellites in the Radio Regulations. Consistent with Resolution **757 (WRC-12)**, the ITU-R is to examine the procedures for notifying space networks and consider possible modifications to enable the deployment and operation of nanosatellites and picosatellites, taking into account the short development time, short mission time, and unique orbital characteristics. The Resolution also instructs the Director of the Radiocommunication Bureau to report to WRC-15 on the results of these studies.

U.S. VIEW: The United States supports completing the studies to characterize nanosatellites and picosatellites and examining the notification procedures for space networks with respect to the deployment and operation of these satellites. Based on the results of the studies, WRC-15 should if appropriate, modify the related WRC-18 agenda item.