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WAC-07 IWG-2 VIEWS ON RCS PRELIMINARY VIEW ON WRC-07 AGENDA ITEM 1.8

WRC-07 Agenda Item 1.8: to consider the results of studies on technical sharing and regulatory provisions for the application of high altitude platform stations operating in the bands 27.5-28.38 GHz and 31-31.3 GHz in response to Resolution **145 (WRC-03)**, and for high altitude platform stations operating in the bands 47.2-47.5 GHz and 47.9-48.2 GHz in response to Resolution **122 (Rev. WRC-03)**;

INTRODUCTION: IWG-2 has developed a Preliminary View on the Resolution **122 (Rev. WRC-03)** aspects of this agenda item. This document comments only upon the Resolution **145 (WRC-03)** aspects of the RCS Preliminary View

DISCUSSION AND IWG-2 RECOMMENDED CHANGES TO RCS PV

Background Section of PV: In the Background discussion of the RCS PV, the first sentence make proper reference to WRC-97 making “a provision” for HAPS operation in the 47 GHz band. The third sentence of this Background section, however, makes reference to WRC-00 deciding to make “additional allocations for HAPS” in the 28 GHz and 31 GHz bands. HAPS systems may operate in specifically “identified” portions of Fixed Service allocations (see RR **4.15A**). This same sentence of the RCS PV, and the following one, also need to be modified to more accurately reflect decisions of past WRCs on this issue. As such IWG-2 recommends that the second and third sentences of the RCS PV be modified, and an additional sentence be added after the third sentence, as follows:

“WRC-2000 decided to adopt provisions make additional allocations for the operation of HAPS on a non-interfering/non-protected basis in the bands 27.5-28.35 and 31-31.3 GHz in Region 3, but did not allow operation in the entire bands until studies could be completed to determine how best to protect existing services in these and nearby frequency bands. WRC-03 further refined these provisions by deciding to limit permit HAPS operation to 300 MHz in a specified direction in each of these two bands, retaining the requirement for HAPS to operate on a non-interfering/non-protected basis in these 300 MHz segments, and in the full allocated bands by HAPS and adopt creating Resolution **145**, which created the considers the additional possibility of allowing Region 2 administrations to advise the Radiocommunications Bureau of their intent to implement HAPS systems operations within the bands 27.5-28.35 and 31-31.3 GHz in region 2. Administrations intending to implement HAPS in these bands are to seek the explicit agreement of concerned administrations in accordance with resolves 4 of this Resolution.

U.S. Views Section of RCS PV: IWG-2 agrees with the “U.S. View” section of the RCS PV, however, it is recommended to supplement this section with the following additional U.S. View:

“The United States also supports the continued studies called for in Resolution **145 (WRC-03)** that will demonstrate whether HAPS can operate successfully on a non-interference/non-protected basis in the 28 GHz and 31 GHz bands, and the encapsulation of the results of these studies, as appropriate, in ITU-R Recommendations. However, recognizing the regulatory status of this service in these bands, the United States does not support the specification of interference or sharing criteria for HAPS in ITU Radio Regulations for these bands.”