

Chapter 1A: Fixed and Mobile (Agenda items 1.1, 1.2, 1.4, 9.1 Issue C, and RR Article 21.5)

Agenda Item (AI)	WRC-23 Outcomes	Qualitative assessment of the outcome in respect of the AfCP
<p>AI 1.1 Possible measures to address, in the frequency band 4 800-4 990 MHz, protection of stations of the aeronautical and maritime mobile services located in international airspace and waters from other stations located within national territories, and to review the p.f.d. criteria in footnote No. 5.441B in accordance with Resolution 223 (Rev.WRC-19).</p>	<p>No Change to the pfd limit in footnote 5.441B (-155 dB(W/m²·1MHz, still applicable). Addition and removal of country names to the footnote, including African countries.</p>	<p>WRC Outcome under this Agenda Item is not in line with AfCP, which advocated for removal of pfd limit in footnote RR No. 5441B.</p> <p>To this regard, it should be noted that African administrations still have the right to use this band under the primary allocation to the Mobile service. Based on this understanding, some African countries opted-out of the footnote.</p>
<p>AI 1.2 Identification of the frequency bands 3 300-3 400 MHz, 3 600-3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Telecommunications</p>	<p>3 300-3 400 MHz (R1):</p> <ol style="list-style-type: none"> 1. Deletion of geographical restriction (south of 30° parallel north) in RR No.5.429B. 2. Addition of country names to footnotes 5.429A et 5.429B, including African countries. 	<p>3 300-3 400 MHz: Although the outcome is not totally in line with AfCP, it is however considered to be satisfactory to ATU countries, since it fulfilled the needs of most African countries (except three north African countries), in the sense that 15 additional African country have identified this band for IMT by joining the footnotes, increasing the number to 48 African country in total, which would facilitate IMT implementation on the continent.</p>

<p>(IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution 245 (WRC19);</p>	<p>6 425 – 7 125 MHz:</p> <ol style="list-style-type: none"> 1. Identification of the band for IMT (6 425 – 7 125 MHz in R1 and countries in Region 3, 7 025 – 7 125 in Region 3, as well as the band 6 425 – 7 125 in countries in Regions 2. 2. New WRC Resolution specifying, among other things, expected e.i.r.p masque for protection of FSS downlink. 3. Recognition of the use of the 6 GHz for WAS/RLANs. 	<p>6 425 – 7 125 MHz: same as the frequency band 3.3 GHz, AfCP objectives were fulfilled for this band, which was identified for IMT in Region 1, as well as other countries in Regions 2 and 3.</p> <p>The identification is associated with a new WRC Resolution that specify the conditions insuring protection of existing fixed satellite services (Earth to space).</p> <p>Moreover, WAR-23 also recognized that the band is also used for the implementation of WAS/RLAN.</p>
<p>AI 1.4 To consider, in accordance with Resolution 247 (WRC-19), the use of High-altitude platform stations as IMT Base Stations (HIBS) in the mobile service in certain frequency bands below 2.7 GHz already identified for IMT, on a global or regional level.</p>	<ol style="list-style-type: none"> 1. Identification of the frequency bands 694 – 960 MHz, 1 710-1 980 MHz, 2 010-2 025 MHz and 2 110-2 170 MHz and 2 500-2 690 MHz, for use by HIBS. 2. HIBS shall not claim protection from existing primary services. 3. new WRC Resolution specifying the conditions for the protection of existing services. 	<p>AfCP objectives were fulfilled: the frequency bands were identified for HIBS on the basis of not claiming protection from existing primary services and the identification was associated new WRC Resolution specifying the conditions for the protection of existing services.</p>

<p>AI 9.1 Issue C Study the use of International Mobile Telecommunication system for fixed wireless broadband in the frequency bands allocated to the fixed services on primary basis, in accordance with Resolution 175 (WRC19).</p>	<p><i>No change to Radio Regulation</i></p>	<p>In line with the AfCP, outlining that the development of any new ITU R Recommendation(s), Report(s) and Handbook should not be undertaken, unless modifying existing ITU R Recommendation(s), Report(s), and/or Handbook does not address the matter</p>
<p>AI 9 (RR21.5) How RR 21.5 should be applied to IMT stations that use Advanced Antenna Systems (AAS).</p>	<p>No change to RR 21.5, and the issue was addressed through modifications to Table 21-2 of Article 21 and to the description of data item 8AA of Appendix 4 of the Radio Regulations.</p>	<p>As outlined in AfCP, WRC-23 considered this matter and approved modifications to Table 21-2, by including verification under 21.5 with regard to TRP, For the case of stations where the power delivered to the antenna cannot be measured</p>