

UNITED STATES OF AMERICA
DRAFT PROPOSALS FOR THE WORK OF THE CONFERENCE

Agenda item 1.1: *to consider additional spectrum allocations to the mobile service on a primary basis and identification of additional frequency bands for International Mobile Telecommunications (IMT) and related regulatory provisions, to facilitate the development of terrestrial mobile broadband applications, in accordance with Resolution 233 (WRC-12);*

Background Information: Conference Preparatory Meeting (CPM) 15-1 established a dedicated Joint Task Group (JTG 4-5-6-7) to address issues related to WRC-15 Agenda items 1.1 and 1.2. JTG 4-5-6-7 is responsible for developing draft CPM text and performing associated studies in accordance with the provisions of Resolution 233 (WRC-12) regarding Agenda item 1.1. As part of its terms of reference, JTG 4-5-6-7 is to consider the results of studies from Working Party 5D on spectrum requirements for the mobile service, including suitable frequency ranges for IMT, from which JTG 4-5-6-7 is to conduct sharing studies for purposes of developing CPM text. In Document 4-5-6-7/220, “Final input to Joint Task Group 4-5-6-7 on suitable frequency ranges WRC-15 Agenda item 1.1”, WP5D has confirmed and provided to JTG4-5-6-7 its final input on suitable frequency ranges for IMT, which in their sum bounds the frequency range 410 MHz to 6 425 MHz as being suitable.

Over several meetings, WP5D discussed the suitability of frequencies above 6 425 MHz for IMT for consideration under WRC-15 Agenda item 1.1. However, as noted in Document 4-5-6-7/220, WP5D did not include frequencies above 6425 MHz as suitable for IMT under WRC-15 under Agenda item 1.1, as WP5D stated that, “Working Party 5D indicated that it is continuing to consider the frequency ranges above 6 GHz in terms of their suitability for IMT”. In addition, as noted in Document 4-5-6-7/220, “WP5D also confirms it is continuing to study the frequency ranges above 6 GHz in the light of the evolution of technology and services, in addition to the already acknowledged suitable frequency ranges in the bands below 6 GHz.” In consequence, WP5D did not provide IMT system characteristics and deployment parameters in those frequencies and no sharing studies were conducted by JTG 4-5-6-7 in any band above 6 425 MHz between IMT systems and the existing systems or applications operating in frequencies above 6 425 MHz. Therefore, the United States maintains that WRC-15 should not address mobile service allocations or IMT identification in any bands above 6 425 MHz under WRC-15 Agenda item 1.1.

Proposal:

ARTICLE 5

Frequency allocations

Section IV – Table of Frequency Allocations
(See No. 2.1)

NOC USA/AI 1.1/1

5 570 -7 250 MHz

Allocation to services		
Region 1	Region 2	Region 3
...		
5 925 -6 700	FIXED 5.457 FIXED-SATELLITE (Earth-to-space) 5.457A 5.457B MOBILE 5.457C 5.149 5.440 5.458	
6 700-7 075	FIXED FIXED-SATELLITE (Earth-to-space) (space-to-Earth) 5.441 MOBILE 5.458 5.458A 5.458B 5.458C	
...		

. . .

248-3 000 GHz

Allocation to services		
Region 1	Region 2	Region 3
...		
275-3 000	(Not allocated) 5.565	
...		

Reasons: This proposal for NOC applies for 6 425 MHz and above. WP5D did not include any frequencies above 6 425 MHz as suitable for IMT, and WP5D did not provide to JTG 4-5-6-7 IMT system characteristics and deployment parameters in those frequencies. In consequence, no sharing studies were conducted in JTG4-5-6-7 for any band above 6 425 MHz. Therefore, WRC-15 should not address mobile service allocations or IMT identification in any bands above 6 425 MHz under Agenda item 1.1.