World Radiocommunication Conference (WRC-19)
Sharm el-Sheikh, Egypt, 28 October – 22 November 2019

PLENARY MEETING

Addendum 2 to Document 6157(Add.13)-E
29 August 2019
Original: English

Member States of the Inter-American Telecommunication Commission (CITEL)

PROPOSALS FOR THE WORK OF THE CONFERENCE

Agenda item 1.13

1.13 to consider identification of frequency bands for the future development of International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution **238 (WRC-15)**;

Part 2 – Frequency band 31.8-33.4 GHz

BACKGROUND

The draft CPM text developed for Agenda item 1.13 is organized into a consistent structure to help to manage the complexity of the discussion and the number of potential variations in proposals.

Each of the 12 candidate bands for identification is indicated with a letter: A (24.25-27.5 GHz), B (31.8-33.4 GHz), C (37-40.5 GHz), D (40.5-42.5 GHz), E (42.5-43.5 GHz), F (45.5-47 GHz), G (47-47.2 GHz), H (47.2-50.2 GHz), I (50.4-52.6 GHz), J (66-71 GHz), K (71-76 GHz) and L (81-86 GHz).

For Band B (31.8-33.4 GHz), there is currently only a proposal for no change due to incompatibility of IMT with other primary services to which the band is allocated.

ARTICLE 5

Frequency allocations

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

NOC **IAP/6157A13A2/1**

29.9-34.2 GHz

Allocation to services		
Region 1	**Region 2**	**Region 3**
29.9-30	FIXED-SATELLITE (Earth-to-space) 5.484A 5.484B 5.516B 5.527A 5.539 MOBILE-SATELLITE (Earth-to-space) Earth exploration-satellite (Earth-to-space) 5.541 5.543 5.525 5.526 5.527 5.538 5.540 5.542	
30-31	FIXED-SATELLITE (Earth-to-space) 5.338A MOBILE-SATELLITE (Earth-to-space) Standard frequency and time signal-satellite (space-to-Earth) 5.542	
31-31.3	FIXED 5.338A 5.543A MOBILE Standard frequency and time signal-satellite (space-to-Earth) Space research 5.544 5.545 5.149	
31.3-31.5	EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	
31.5-31.8 EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149 5.546	**31.5-31.8** EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) 5.340	**31.5-31.8** EARTH EXPLORATION-SATELLITE (passive) RADIO ASTRONOMY SPACE RESEARCH (passive) Fixed Mobile except aeronautical mobile 5.149
31.8-32	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547 5.547B 5.548	
32-32.3	FIXED 5.547A RADIONAVIGATION SPACE RESEARCH (deep space) (space-to-Earth) 5.547 5.547C 5.548	

32.3-33	FIXED 5.547A INTER-SATELLITE RADIONAVIGATION 5.547 5.547D 5.548
33-33.4	FIXED 5.547A RADIONAVIGATION 5.547 5.547E
33.4-34.2	RADIOLOCATION 5.549

Reasons: Studies have shown the IMT identification is not compatible with other co-primary services in the band, in particular with the radionavigation service.