

UNITED STATES OF AMERICA
DRAFT PROPOSAL 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: WRC-15 will consider additional allocations to the mobile service on a primary basis and identification of additional frequency bands for IMT based on the results of ITU-R sharing and compatibility studies.

Article 5 allocates the 410-430 MHz band to the mobile (except aeronautical mobile) service on a primary basis, but does not designate the band for IMT. Administrations introduced proposals in CITEL supporting identification of the 410-430 MHz frequency band for IMT, but submitted no ITU-R studies to show compatibility between IMT and incumbent services.

No. 5.269 allocates the 420-430 MHz and 440-450 MHz bands to the radiolocation service on a primary basis in specified countries. Article 5 allocates the 430-440 MHz band to the radiolocation service on a primary basis worldwide. Some countries use the 420-450 MHz band for high-powered radars that detect and track earth-orbiting satellites and space debris. These radars also aid in identifying potential space debris hazards that could damage the International Space Station.

There are no ITU-R studies showing compatibility between IMT systems and existing services in the 420-450 MHz band. Therefore, this proposal advocates no change to Article 5 Table of Frequency Allocations for the band 420-450 MHz band and no change to No. 5.269.

Proposal:

ARTICLE 5
Frequency allocations
Section IV – Table of Frequency Allocations
(See No. 2.1)

NOC

USA/1.1/1

410-460 MHz

Allocation to services		
Region 1	Region 2	Region 3
...		
420-430	FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271	

430-432 AMATEUR RADIOLOCATION 5.271 5.272 5.273 5.274 5.275 5.276 5.277	430-432 RADIOLOCATION Amateur 5.271 5.276 5.278 5.279
432-438 AMATEUR RADIOLOCATION Earth exploration-satellite (active) 5.279A 5.138 5.271 5.272 5.276 5.277 5.280 5.281 5.282	432-438 RADIOLOCATION Amateur Earth exploration-satellite (active) 5.279A 5.271 5.276 5.278 5.279 5.281 5.282
438-440 AMATEUR RADIOLOCATION 5.271 5.273 5.274 5.275 5.276 5.277 5.283	438-440 RADIOLOCATION Amateur 5.271 5.276 5.278 5.279
440-450	FIXED MOBILE except aeronautical mobile Radiolocation 5.269 5.270 5.271 5.284 5.285 5.286
...	

Reasons: Any modifications to the 420-450 MHz band may place additional constraints on the allocated radiolocation service in specified countries on a primary basis in the bands 420-430 and 440-450 MHz.

NOC

USA/1.1/2

5.269 *Different category of service:* in Australia, the United States, India, Japan and the United Kingdom, the allocation of the bands 420-430 MHz and 440-450 MHz to the radiolocation service is on a primary basis (see No. [5.33](#)).

Reasons: Any modifications to No. 5.269 may place additional constraints on the allocated radiolocation service in specified countries on a primary basis in the bands 420-430 and 440-450 MHz.