

United States of America

DRAFT PROPOSALS FOR THE WORK OF THE CONFERENCE

Agenda Item 1.7: *to consider the results of ITU-R studies in accordance with Resolution 222 (Rev.WRC-07) in order to ensure long-term spectrum availability and access to spectrum necessary to meet requirements for the aeronautical mobile-satellite (R) service, and to take appropriate action on this subject, while retaining unchanged the generic allocation to the mobile-satellite service in the bands 1 525-1 559 MHz and 1 626.5-1 660.5 MHz.*

Background

The mobile satellite service allocations in 1525- 1559 MHz and 1626.5 – 1660.5 MHz continue to support valuable communications requirements and are needed to address the future communications requirements for commercial MSS as well as Global Maritime Distress and Safety System and aeronautical mobile satellite service (R) service (AMS(R)S) requirements.

The MSS allocations with associated footnote provisions, providing priority and preemptive access to the MSS systems for communications to support AMS(R)S, have allowed sufficient flexibility to satisfy the AMS(R)S communications requirements in this band. There is no need to modify the MSS allocations and the associated footnote regulatory provisions for AMS(R)S.

The USA proposes No Change (NOC) to the Table of Allocations for the MSS allocations in the 1525-1559 MHz and 1626.5- 1660.5 MHz and the associated footnote regulatory provisions for AMS(R)S.

Proposal:

USA/xx / 1 NOC

ARTICLE 5

Frequency allocations

<p>1 525-1 530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A Earth exploration-satellite Mobile except aeronautical mobile 5.349 5.341 5.342 5.350 5.351 5.352A 5.354</p>	<p>1 525-1 530 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A Earth exploration-satellite Fixed Mobile 5.343 5.341 5.351 5.354</p>	<p>1 525-1 530 SPACE OPERATION (space-to-Earth) FIXED MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A Earth exploration-satellite Mobile 5.349 5.341 5.351 5.352A 5.354</p>
---	---	--

Reason: The mobile satellite service allocations continue to be necessary to satisfy future requirements. No modifications are required to satisfy aeronautical mobile satellite (R) service requirements.

USA/xx / 2 NOC

ARTICLE 5

Frequency allocations

<p>1 530-1 535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.353A Earth exploration-satellite Fixed Mobile except aeronautical mobile 5.341 5.342 5.351 5.354</p>	<p>1 530-1 535 SPACE OPERATION (space-to-Earth) MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.353A Earth exploration-satellite Fixed Mobile 5.343 5.341 5.351 5.354</p>
--	--

Reason: The mobile satellite service allocations continue to be necessary to satisfy future requirements. No modifications are required to satisfy aeronautical mobile satellite (R) service requirements.

USA/xx / 3 NOC

ARTICLE 5

Frequency allocations

1 535-1 559	MOBILE-SATELLITE (space-to-Earth) 5.208B 5.351A 5.341 5.351 5.353A 5.354 5.355 5.356 5.357 5.357A 5.359 5.362A
--------------------	---

Reason: The mobile satellite service allocations continue to be necessary to satisfy future requirements. No modifications are required to satisfy aeronautical mobile satellite (R) service requirements.

USA/xx / 4 NOC

ARTICLE 5

Frequency allocations

1 626.5-1 660	MOBILE-SATELLITE (Earth-to-space) 5.351A 5.341 5.351 5.353A 5.354 5.355 5.357A 5.359 5.362A 5.374 5.375 5.376
----------------------	---

Reason: The mobile satellite service allocations continue to be necessary to satisfy future requirements. No modifications are required to satisfy aeronautical mobile satellite (R) service requirements.

USA/xx / 5 NOC

ARTICLE 5

Frequency allocations

1 660-1 660.5	MOBILE-SATELLITE (Earth-to-space) 5.351A RADIO ASTRONOMY 5.149 5.341 5.351 5.354 5.362A 5.376A
----------------------	--

Reason: The mobile satellite service allocations continue to be necessary to satisfy future requirements. No modifications are required to satisfy aeronautical mobile satellite (R) service requirements.

USA/xx / 6 NOC

ARTICLE 5

Frequency allocations

5.357A In applying the procedures of Section II of Article 9 to the mobile-satellite service in the bands 1 545-1 555 MHz and 1 646.5-1 656.5 MHz, priority shall be given to accommodating the spectrum requirements of the aeronautical mobile-satellite (R) service providing transmission of messages with priority 1 to 6 in Article 44. Aeronautical mobile-satellite (R) service communications with priority 1 to 6

in Article **44** shall have priority access and immediate availability, by pre-emption if necessary, over all other mobile-satellite communications operating within a network. Mobile-satellite systems shall not cause unacceptable interference to, or claim protection from, aeronautical mobile-satellite (R) service communications with priority 1 to 6 in Article **44**. Account shall be taken of the priority of safety-related communications in the other mobile-satellite services. (The provisions of Resolution **222 (WRC-2000)*** shall apply.) (WRC-2000)

Reason: The mobile satellite service allocations continue to be necessary to satisfy future requirements. No modifications are required to satisfy aeronautical mobile satellite (R) service requirements.
