

APPENDIX A

PROPOSED FCC RULE REVISIONS

PART 2 – FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS

§ 2.105 United States Table of Frequency Allocations.

(a) The United States Table of Frequency Allocations (United States Table) is subdivided into the Federal Table of Frequency Allocations (Federal Table, column 4 of §2.106) and the non-Federal Table of Frequency Allocations (non-Federal Table, column 5 of §2.106). The United States Table is based on the Region 2 Table because the relevant area of jurisdiction is located primarily in Region 2¹ (i.e., the 50 States, the District of Columbia, the Caribbean insular areas,² and some of the Pacific insular areas).³ To the extent possible, radio spectrum in the United States will be allocated for satellite services, consistent with the Region 2 Table. The Federal Table is administered by NTIA⁴ and the non-Federal Table is administered by the Federal Communications Commission (FCC).⁵

§ 2.1206 Table of Frequency Allocations.

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[Revise United States Table (Non-Federal Table) to delete references to NG165 (“In the bands 18.8-19.3 GHz and 28.6-29.1 GHz, geostationary-satellite networks in the fixed satellite service shall not cause harmful interference to, or claim protection from, non-geostationary satellite systems in the fixed-satellite service”).]

PART 25 – SATELLITE COMMUNICATIONS

§ 25.146 Licensing and operating rules for the NGSO FSS space stations.

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(b) In addition, an NGSO FSS applicant proposing to operate in the 10.7-12.7 GHz, 12.75-13.25 GHz, 13.75-14.5 GHz, 18.8-19.3 GHz, or 28.6-29.1 GHz bands must provide a demonstration that the proposed system is capable of providing FSS on a continuous basis throughout the fifty states, Puerto Rico, and the U.S. Virgin Islands. An NGSO FSS applicant proposing to operate in the 18.8-19.3 GHz or 28.6-29.1 GHz bands must coordinate with GSO FSS systems in those frequency bands, consistent with the co-primary service allocations.

§ 25.202 Frequencies, frequency tolerance, and emission limits.

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(c) To the extent possible, radio spectrum in the United States will be allocated for satellite services, consistent with the Region 2 Table.

§ 25.210 Technical requirements for space stations.

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(j) Space stations operated in the geostationary satellite orbit must be maintained within 0.105° of their assigned orbital longitude in the east/west direction, unless specifically authorized by the Commission to operate with a different longitudinal tolerance, and except as provided in Section 25.283(b) (End-of-life Disposal).