



United States Department of State  
Washington, D.C. 20520

Mr. Patrick Masambu  
Director General & Chief Executive Officer  
International Telecommunications Satellite Organization  
4400 Jenifer Street N.W. Suite 332  
Washington, DC 20015

February 7, 2024

Dear Mr. Masambu:

In accordance with the decisions of the Twenty-fifth Assembly of Parties and Articles XII(e)(i) and XII(e)(iv) of the Agreement Relating to the International Telecommunications Satellite Organization (ITSO), as amended (the "ITSO Agreement"), the United States hereby submits a Report for the period of July 2023 through December 2023 in its capacity as one of the International Telecommunication Union (ITU) Notifying Administrations for Intelsat License LLC (Intelsat).<sup>1</sup>

The United States, to which the frequency assignments in the Fixed Satellite Service (FSS) C- and Ku-bands were transferred when the United States was selected as a Notifying Administration at the time of privatization ("Transferred Assignments," or the "applicable USA frequency assignments"),<sup>2</sup> has continued to authorize the use of the Transferred Assignments by Intelsat in a manner consistent with its obligations under Article XII(c) of the ITSO Agreement.<sup>3</sup> At the time of privatization, the United States issued licenses to Intelsat and has since granted a number of modifications to the licenses in a transparent, non-discriminatory, and competitively neutral manner, consistent with U.S. licensing processes, international obligations and Article XII(c).

During the period of July 2023 through December 2023, in order to allow Intelsat to facilitate its fleet management operations and deploy new space stations, the Federal Communications Commission (FCC) acted on eight applications for regular authority from Intelsat. Please note that the Intelsat 9 satellite at the 50° W.L. orbital location, the Intelsat 25 satellite at the 31.5° W.L. orbital location, the NSS-7 satellite at the 20° W.L. orbital location, and the Intelsat 1R satellite at the 157° E.L. orbital location listed below [involve operations in frequency bands that] are Transferred Assignments.

- On July 19, 2023, the Satellite Programs and Policy Division granted, with conditions, authority to Intelsat License LLC to deploy and operate Galaxy 37 as a replacement satellite for Galaxy 13 (S2386) at the 127.0° W.L. orbital location. Galaxy 37 will provide fixed-satellite service in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands. Intelsat

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<sup>1</sup> The United States intends to submit more frequent reports two times per year, instead of the long-standing practice of once per year. As a result, these reports now cover a period of six months.

<sup>2</sup> A subset of the transferred frequency assignments were identified as "Common Heritage" in the ITSO Agreement.

<sup>3</sup> As noted in the past two reports, Intelsat's restructuring due to bankruptcy did not alter in any way the United States' role as a Notifying Administration, and the existing conditions that apply to Intelsat's operation of the Transferred Assignments were maintained.

is authorized to conduct telemetry, tracking, and command operations using center frequencies within the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands. (ICFS File No. SAT-RPL-20230328-00066).

- On August 24, 2023, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat License LLC for modification of the license for Intelsat 11 to: (1) extend the license term of the satellite to March 15, 2025, and (2) specify operations with a revised C-band coverage area. Intelsat 11 operates in inclined orbit at the 43.0° W.L. orbital location and is capable of operating using the following frequencies: 5925-6425 MHz, 12.75-13.25 GHz, and 13.75-14.0 GHz (Earth-to-space); and 3700-4200 MHz and 10.70-11.45 MHz (space-to-Earth). Intelsat conducts telemetry, tracking, and command with Intelsat 11 using the following center frequencies: 11.448 GHz and 11.449 GHz (space-to-Earth), and 13.2465 GHz and 13.9955 GHz (Earth-to-space). (ICFS File No. SAT-MOD-20221114-00159).
- On October 4, 2023, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat License LLC for modification of the authorization for its Intelsat 9 space station by extending its license term through September 30, 2024. Intelsat 9 provides fixed-satellite service at the 50.0° W.L. orbital location in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.45-11.7 GHz (space-to-Earth), 11.7-12.2 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands. Intelsat 9 conducts telemetry, tracking, and command operations using the following center frequencies: 11.7005 GHz and 11.7020 GHz (space-to-Earth); and 14.0005 GHz and 14.4945 GHz (Earth-to-space). (ICFS File No. SAT-MOD-20221020-00148).
- On October 11, 2023, the Satellite Programs and Policy Division granted, with conditions, Horizons-4 Satellite LLC's request that Horizons-4 be added to the Permitted Space Station List. Horizons-4 is a Japanese-licensed Ku-band replacement satellite for Horizons-1 (S2475) at the 127.0° W.L. orbital location and will provide fixed-satellite service in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands. (ICFS File No. SAT-PDR-20230818-00207).
- On October 17, 2023, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat License LLC for modification of the authorization of its Horizons 2 space station by extending the license term through February 7, 2028. Horizons 2 provides fixed-satellite service at the 73.8° W.L. orbital location in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands. Horizons 2 conducts telemetry, tracking, and command operations using the following center frequencies: 12.1960 GHz and 12.198625 GHz (space-to-Earth), and 14.0005 GHz and 14.4995 GHz (Earth-to-space). (ICFS File No. SAT-MOD-20230201-00014).
- On November 7, 2023, the Satellite Programs and Policy Division granted, with conditions, Intelsat License LLC's request for modification of the license for its Intelsat 25 space station, to extend the license term to March 15, 2025. Intelsat 25 provides fixed-satellite service at the 31.5° W.L. orbital location using the following frequencies: 3400-4200 MHz (space-to-Earth), 5845-6645 MHz (Earth-to-space); and 11.45-11.7 GHz, 12.25-12.75 GHz (space-to-Earth), and 13.75-14.5 GHz (Earth-to-space). Intelsat conducts telemetry, tracking and command operations with Intelsat 25 using the following center frequencies: 3630.0 MHz and 4198.5 MHz (space-to-Earth), and 5850.5 MHz and 6419.0 MHz (Earth-to-space). (ICFS File No. SAT-MOD-20230706-00161).
- On December 19, 2023, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat License LLC for modification of its license to operate certain Ku-band

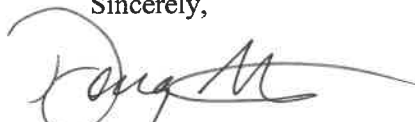
frequencies on the NSS-7 satellite by extending the term for this authorization through July 31, 2024. Intelsat provides fixed-satellite service operations via NSS-7 at the 20.0° W.L. orbital location, in inclined-orbit, in the 10.95-11.20 GHz (space-to-Earth), 11.45-11.95 GHz (space-to-Earth), 12.50-12.75 GHz (space-to-Earth), and 14.00-14.50 GHz (Earth-to-space) frequency bands. (ICFS File No. SAT-MOD-20230728-00187).

- On December 21, 2023, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat Licensee LLC for modification of its license for the Intelsat 1R space station at the 157.1° E.L. orbital location, in inclined-orbit, to extend its license term to March 31, 2024, and to modify the C- and Ku-band beam coverage capability. Intelsat IR will continue to operate in the 3700-4200 MHz, 10.95-11.2 GHz, 11.45-11.95 GHz (space-to-Earth), 5925-6425 MHz and 13.75-14.5 GHz (Earth-to-space) frequency bands. Telemetry, tracking and command operations will continue using the following center frequencies: 11696 MHz, 11697 MHz (space-to-Earth); and 13995 MHz, 14498.5 MHz (Earth-to-space). (ICFS File No. SAT-MOD-20230809-00198).

In its capacity as a Notifying Administration for the Transferred Assignments and other Intelsat FSS C- and Ku-band frequency assignments, the United States, through the FCC, has been working with Intelsat, as it does with other U.S.-licensed operators, to ensure effective coordination of those assignments to avoid harmful interference. In keeping with FCC policy, Intelsat has been encouraged to undertake direct meetings with other foreign licensed operators to resolve coordination issues. As part of this process, during the period from July 2023 through December 2023, the administrations of Azerbaijan, Boliva and Pakistan have coordinated a general agreement with the Intelsat. These agreements have resulted in the protection of USA frequency assignments as well as the Transferred Assignments. All of the Transferred Assignments have been notified to the ITU and have been entered into the Master International Frequency Register (MIFR). No changes to the Transferred Assignments have been necessary as a result of past coordination activities, and it is anticipated that the same will be the case in the future.

We believe that the United States, in its role as Notifying Administration, has continued to authorize the use of the Transferred Assignments in a manner consistent with its obligations under Article XII(c) of the ITSO Agreement. The United States continues to be committed to efficient and equitable use of the geostationary-satellite orbit and the related spectrum, as well as adherence to the requirements of the ITSO Agreement.

Sincerely,



Douglas C. May

International Information and Communications Policy  
United States Department of State