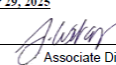


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ICFS File Nos. SAT-MOD-20250327-00083;
SAT-AMD-20260313-00124

 GRANTED* Space Bureau	File # SAT-MOD-20250327-00083; SAT-AMD-20260313-00124	
	Call Sign: <u>S2160</u> (or other identifier)	Grant Date: <u>08/27/2026</u>
	From: <u>July 29, 2025</u>	To: <u>July 29, 2030</u>
	Approved:  Associate Division Chief Satellite Programs and Policy Division	

*with conditions

ICFS File No(s):	SAT-MOD-20250327-00083; SAT-AMD-20260313-00124 ¹	GRANTED – With Conditions  Space Bureau Satellite Policy and Programs Division
Licensee/Grantee:	Intelsat License LLC	
Call Sign:	S2160	
Satellite Name:	Galaxy 28	
Orbital Location: (required station-keeping tolerance)	27.1° W.L. (+/- 0.1 degrees east/west station keeping)	
Administration:	United States of America	
Nature of Service:	Fixed Satellite Service (FSS)	
Scope of Grant:	Modification of the license for the Galaxy 28 space station by: (1) authorizing Galaxy 28 to operate at 27.1° W.L. instead of its previously licensed location of 89.0° W.L.; ² (2) extending the license term to July 29, 2030; and (3) expanding the space station’s east/west station-keeping tolerance to +/- 0.1 degrees at 27.1° W.L.	
Previous Grant(s):	Modify the authorization for Galaxy 28, a C- and Ku-band space station operating at 89° W.L., in order to extend its license term through July 29, 2025, ICFS File No. SAT-MOD-20191126-00141 (granted April 24, 2020) Intelsat North America LLC Request for a Six-Month Extension of the Launch Milestone Date and Request for Waiver for the Intelsat Americas-8 satellite, ICFS File Nos. SAT-MOD-20050203-00019 and SAT-MOD-20050422-00089 (granted June 17, 2005) Authority to Construct, Launch, and Operate Space Stations in the Domestic Fixed Satellite Service, ICFS File No. SAT-AMD-19960429-00061 et. al. (formerly File No. 101-SAT-AMEND-96 et. al.). <i>Loral Space and Communications, Ltd.</i>, Memorandum Opinion and Order, 11 FCC Rcd 20441 (granted Nov. 20, 1996) (DA 96-1941) Assignment of Orbital Locations to Space Stations in the Domestic Fixed Satellite Service, Order, 11 FCC Rcd 20441, DA 96-713, ICFS File No. SAT-LOA-19950215-00025 (formerly File No. 73-SAT-P/LA-95) (granted May 7, 1996)	
Service Area(s):	North America, Europe, Africa, and the Atlantic Ocean ³	
Frequencies:	3700-4200 MHz (space-to-Earth) 5925-6425 MHz (Earth-to-space)	

¹ The modification application was placed on public notice as accepted for filing on April 25, 2025. *See Satellite Licensing Division and Satellite Programs and Policy Division Information*, Report No. SAT-01913 (Apr. 25, 2025). The amendment application was placed on public notice as accepted for filing on April 3, 2026. *See Satellite Licensing Division and Satellite Programs and Policy Division Information*, Report No. SAT-01988 (Apr. 3, 2026). No comments were filed in response to either public notice.

² Intelsat previously received special temporary authority to operate the Galaxy 28 space station at the 27.1° W.L. orbital location. *See, e.g.*, ICFS File No. SAT-STA-20260514-00200 (granted June 8, 2026). In addition, Viasat previously held a license for Galaxy 28's Ka-band payload and it surrendered that license in 2025. *See* Letter from Jarrett S. Taubman, Vice President & Deputy Chief, Government Affairs and Regulatory Office, Viasat, Inc., to Marlene H. Dortch, Secretary, FCC, ICFS File No. SAT-MOD-20200609-00069 (Mar. 12, 2025).

³ *See* Letter from Cynthia J. Grady, Associate General Counsel, SES, to Marlene H. Dortch, Secretary, FCC (June 17, 2026).

GRANT
Intelsat License LLC
ICFS File Nos. SAT-MOD-20250327-00083;
SAT-AMD-20260313-00124

	11.7-12.2 GHz (space-to-Earth) 14.0-14.5 GHz (Earth-to-space) Telemetry, tracking and command (TT&C) center frequencies: 4195.0, 4199.5 MHz (space-to-Earth) 5926.5 MHz, 6423.5 MHz (Earth-to-space)
Operations under this grant must comport with the legal and technical specifications and commitments set forth by the applicant or petitioner and with the Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions: 1. Intelsat must prepare the necessary information, as may be required, for submission to the International Telecommunication Union (ITU) to initiate and complete the advance publication, coordination, due diligence, and notification process of this space station, in accordance with the ITU Radio Regulations. Intelsat will be held responsible for all cost-recovery fees associated with ITU filings. No protection from interference caused by radio stations authorized by other administrations is guaranteed unless coordination and notification procedures are timely completed or, with respect to individual administrations, coordination agreements are successfully completed. Any radio station authorization for which coordination has not been completed may be subject to additional terms and conditions as required to effect coordination of the frequency assignments of other administrations. <i>See</i> 47 CFR § 25.111(b) 2. Intelsat must operate the Galaxy 28 space station at the 27.1° W.L. orbital location in compliance with all existing or future coordination agreements for that location. In the absence of a coordination agreement, such communications must comply with applicable provisions of the ITU Radio Regulations as the Commission cannot guarantee the success of the required coordination. 3. In connection with the provision of any service to any particular country, Intelsat is obligated to comply with the applicable laws, regulations, rules, and licensing procedures of that country. 4. The operations of Galaxy 28 in the 3700-4200 MHz band, within the contiguous United States, are subject to the terms of the <i>3.7-4.2 GHz Report and Order</i>, 35 FCC Rcd 2343 (2020), including Section 2.106, footnote NG182 and footnote NG457A, future actions in the proceeding, and actions on delegated authority taken in accordance with the Commission's Order (<i>see, e.g.</i>, Public Notice, DA 20-578, released June 1, 2020, announcing accelerated clearing in the 3.7–4.2 GHz band). 5. The United States (U.S.) is licensing administration of the Galaxy 28 spacecraft for purposes of International Telecommunication Union (ITU) Radio Regulation 18.1 and is the administration responsible for the operations of Galaxy 28. Within 60 days of this grant, Intelsat must provide to the Commission information sufficient for the U.S. Administration to make a filing with the ITU for the operations of Galaxy 28 at the 27.1° W.L. orbital position in the 11.7-12.2 GHz (space-to-Earth) frequency band.⁴ Intelsat must coordinate, notify, and bring into use the U.S. ITU filing in good faith, notwithstanding any other ITU filing or coordination agreements. 6. Intelsat's request for waiver of section 25.114(d)(14)(ii) of the Commission's rules is GRANTED. Intelsat seeks a waiver of a requirement in section 25.114(d)(14)(ii), adopted by the Commission in 2020, which provides that, as part of the space station's orbital debris mitigation plan, the applicant must include a statement that indicates whether the probability that the space station will become a source of debris by collision with small debris or meteoroids that would cause loss of control and prevent disposal,	

⁴ Intelsat states that Galaxy 28's operations in the 11.7-12.2 GHz band will depend on the ODYSSEY-27.1W (for ITU Region 2) and ODYSSEY-BSS-27.5W (for ITU Region 1) ITU filings under the Administration of Germany. Engineering Statement at 4.

GRANT
Intelsat License LLC
ICFS File Nos. SAT-MOD-20250327-00083;
SAT-AMD-20260313-00124

is 0.01 (1 in 100) or less, as calculated using the NASA Debris Assessment Software or other higher fidelity assessment tool.⁵ We grant this waiver because Galaxy 28 is an in-orbit space station that was launched in July 29, 2005, almost twenty years before this requirement became effective, making this assessment impractical.⁶ Also, in the event of a finding that the probability were greater than 0.01, Intelsat would not be able to reduce the probability except through the addition of shielding or other modification to the space station,⁷ which is not currently feasible for an already in-orbit space station. We find that waiver of this requirement in section 25.114(d)(14)(ii) is in the public interest because the specific circumstances presented here would not undermine the purpose of the rule.

7. Intelsat's request for waiver of Section 25.210(j) of the Commission's rules, 47 CFR § 25.210(j), to allow Galaxy 28 to operate with an east/west station-keeping tolerance of ± 0.1 degrees, is GRANTED, as conditioned. Section 25.210(j) states that space stations "must be maintained within 0.05 degrees of their assigned orbital longitude in the east/west direction, unless specifically authorized by the Commission to operate with a different longitudinal tolerance." Intelsat states that operating Galaxy 28 at a ± 0.1 degree east/west station-keeping tolerance will have no adverse impact on other operators because the nearest satellites not operated by Intelsat or its parent company – HISPASAT 30W-5 and a Federal Government satellite at 30.0° W.L. – are 2.9° away from Galaxy 28, so the volume will not overlap with that of any other satellites. According to Intelsat, the larger station-keeping volume will also allow Intelsat to conserve fuel and extend the life of Galaxy 28. This waiver and the operations it permits shall terminate in the event that a satellite is launched into a location such that its station-keeping volume would overlap Galaxy 28's ± 0.1 -degree station-keeping volume, but would not overlap Galaxy 28's ± 0.05 degree station-keeping volume, unless Intelsat has successfully coordinated Galaxy 28's physical operations with those of the other spacecraft. This waiver is limited to this spacecraft, does not extend to any other spacecraft, and it is limited to operations at the 27.1° W.L. orbital location.
8. Intelsat's operations of Galaxy 28 at the 27.1° W.L. orbital location in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands are subject to the following additional conditions:
9. Intelsat shall remain a signatory to the Public Services Agreement between Intelsat and the International Telecommunications Satellite Organization (ITSO) that was approved by the ITSO Twenty-fifth and Thirty-seventh Assembly of Parties, as amended.
10. No entity shall be considered a successor-in-interest to Intelsat under the ITSO Agreement for licensing purposes unless it has undertaken to perform the obligations of the Public Services Agreement approved by the Twenty-fifth and Thirty-seventh Assembly of Parties, as amended.
11. The license term for the Galaxy 28 space station is extended from July 29, 2025 to July 29, 2030.⁸

⁵ See *Mitigation of Orbital Debris in the New Space Age*, Report and Order and Further Notice of Proposed Rulemaking, 35 FCC Rcd 8764 (2020).

⁶ The addition of this quantifiable small object collision metric became effective on September 9, 2024. See generally, *Orbital Debris FR Summary*.

⁷ See *Mitigation of Orbital Debris in the New Space Age*, Notice of Proposed Rulemaking, 33 FCC Rcd 11352, 11362, para. 27 (2018) (observing that applicants have typically complied with section 25.114(d)(14)(ii) by providing information on shielding that would mitigate damage from a small object).

⁸ Intelsat is expected to notify the Commission of any satellite failures prior to the end of the license term.

GRANT
Intelsat License LLC
ICFS File Nos. SAT-MOD-20250327-00083;
SAT-AMD-20260313-00124

12. Within 30 days of completion of the end-of-life maneuvers, Intelsat shall send a letter to the Chief, Satellite Programs and Policy Division, Space Bureau, indicating the apogee and perigee of the disposal orbit.		
Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned. This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release. Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).		
Action Date:	August 27, 2026	
Term Dates	From: July 29, 2025	To: July 29, 2030
Approved: John W. Whaley Associate Division Chief Satellite Policy and Programs Division		