

Federal Communications Commission

Before the
Federal Communications Commission
Washington, D.C. 20554

In the Matter of )
Single Network Future: Supplemental Coverage ) GN Docket No. 23-65
from Space )
Space Innovation ) IB Docket No. 22-271

ERRATUM

Released: April 18, 2024

By the Chief, Space Bureau and Chief, Wireless Telecommunications Bureau:

On March 15, 2024, the Commission released a Report and Order and Further Notice of Proposed Rulemaking (R&O and FNPRM), FCC 24-28, in the above captioned proceeding. This Erratum amends the R&O as indicated below:

1. In paragraph 208, the second sentence is corrected to read as follows:

“After reviewing the record, we adopt the Commission’s proposal to amend section 25.204 (power and out-of-band emission limits for earth stations) to reflect that SCS earth stations will be required to meet the power limits applicable to terrestrial transceivers for the bands in which they seek to operate.”

This Erratum also amends the Final Rules in Appendix B of the R&O and FNPRM as indicated below:

2. Below § 1.9047, in paragraph (e)(3), replace “part 1 lessee” with “lessee under this part”; in paragraph (d)(1), designate the subparagraphs as (i) and (ii), and designate the subparagraphs of (d)(1)(ii) as (A) and (B); in paragraph (f)(1), replace “(d)(1)(b)” with “(d)(1)(ii)”; in paragraph (d)(2), designate the subparagraphs as (i) through (iii) and designate the subparagraphs of (d)(2)(iii) as (A) and (B); and in paragraph (d)(2)(iii), replace “(d)(1)(b)” with “(d)(1)(ii).”

3. In amendatory instruction 8, paragraph (t)(4) of § 9.10, replace “paragraphs (t)(2)(i) or (ii) of this section” with “paragraph (t)(2)(i) or (ii).”

4. Amendatory instruction 13, revising § 25.115, is corrected to read as follows:

“13. Amend § 25.115 by adding paragraph (q) to read as follows:

§ 25.115 Applications for earth station authorizations.

\* \* \* \* \*

(q) SCS earth stations. An applicant seeking to use SCS earth stations to provide SCS must comply with § 25.125.

(1) A satellite operator licensed under § 25.125 to provide SCS is permitted to communicate with all terrestrial wireless licensee(s)-associated SCS earth stations that have been approved for such use under part 2 of this chapter.

(i) Such earth stations must show compliance with this part and at least one of

either part 22, 24, or 27 of this chapter to provide SCS within the technical parameters and provisions associated with the device certification.

(ii) The device certification must show compliance with the licensed parameters of the terrestrial wireless license(s) and at least one of either part 22, 24, or 27 of this chapter, as applicable.

(2) An earth station may be used for the provision of SCS when:

(i) The satellite operator licensed under § 25.125 is a party to a valid and approved spectrum leasing arrangement or agreement pursuant to § 1.9047 of this chapter with at least one terrestrial wireless licensee(s) licensed under one of either part 22, 24, or 27 of this chapter; and

(ii) That terrestrial wireless licensee(s) has met and operates within all conditions associated with the relevant terrestrial wireless license(s).

(3) A satellite operator authorized to provide SCS under § 25.125 is authorized under paragraph (q)(1) of this section to communicate with SCS earth stations for any period during which each of the following apply:

(i) The service is provided during the valid duration of any spectrum leasing arrangement or agreement pursuant to § 1.9047 of this chapter between the terrestrial wireless licensee(s) and satellite operator;

(ii) The devices to which service is provided are certified under part 2 of this chapter; and

(iii) The terrestrial wireless licensee(s) is a valid licensee(s) under part 22, 24, or 27 of this chapter.

(4) A satellite operator with SCS authorization via a market access grant can avail itself of the provisions of this paragraph (q) but, in addition to the parameters established in paragraphs (q)(1) and (2) of this section, must also comply with any additional parameters included in the satellite operator's space station market access grant.

(5) A satellite operator operating in conformance with the parameters established in this part does not need a separate earth station authorization for the provision of SCS under this part.”

5. Amendatory instruction 15, revising § 25.125, is corrected to read as follows:

“15. Effective 30 days after publication in the *Federal Register*, add § 25.125 to read as follows:

**§ 25.125 Applications for supplemental coverage from space (SCS).**

(a) *SCS entry criteria.* This section applies only to applicants seeking to provide SCS. An applicant for SCS space station authorization must hold either an existing NGSO or GSO license or grant of U.S. market access under this part, or must be seeking a NGSO or GSO license or grant of U.S. market access under this part, and must have a lease arrangement(s) or agreement pursuant to § 1.9047 of this chapter with one or more terrestrial wireless licensee(s) that hold, collectively or individually, all co-channel licenses throughout a GIA in a band identified in § 2.106(d)(33)(i) of this chapter. Applicants for SCS space stations must comply with the requirements set forth in paragraph (b) of this section.

(b) *SCS space station application requirements.* An applicant seeking a space station authorization to provide SCS must either submit an application requesting modification

of a current NGSO or GSO license or grant of U.S. market access under this part, or an application seeking a new NGSO or GSO license or grant of U.S. market access under this part.

(1) - (2) [Reserved].

(3) Applications to modify an authorization under this part to provide SCS and applications seeking to provide SCS in the bands identified in § 2.106(d)(33)(i) of this chapter will not be subject to the processing round procedures or first-come, first-served procedures in §§ 25.137, 25.157, and 25.158.

(c) [Reserved].

(d) *Effective date and continued operation of SCS authorization.* SCS authorization will be deemed effective in the Commission's records and for purposes of the application of the rules set forth in this section after each of the following requirements is satisfied:

(1) Grant of:

- (i) A modification application under this part or request for modification of a grant of market access; or
- (ii) An application to launch and operate or market access;

(2) Approval of a leasing arrangement(s) or agreement(s) under part 1 of this chapter (*see* § 1.9047 of this chapter); and

(3) Grant of a valid SCS earth station equipment certification under part 2 of this chapter.

(e) *SCS earth station equipment certification requirements.* Applicants for certification for SCS earth stations for use with a satellite system must meet all requirements for equipment certification and equipment test data necessary to demonstrate compliance with pertinent standards under part 22, 24, or 27 of this chapter as applicable.”

6. Amendatory instruction 16, revising § 25.125, is corrected to read as follows:

“16. Delayed indefinitely, amend § 25.125 by adding paragraphs (b)(1) and (2) and (c) to read as follows:

**§ 25.125 Applications for supplemental coverage from space (SCS).**

\* \* \* \* \*

(b) \* \* \*

(1) The application must include a certification that:

(i) A lease notification(s) or application(s), pursuant to § 1.9047 of this chapter, where a single terrestrial wireless licensee holds or multiple co-channel licensees collectively hold all co-channel licenses within the relevant GIA in the bands identified in § 2.106(d)(33)(i) of this chapter, or as it pertains to FirstNet, an agreement, is on file with the Commission;

(ii) The current space station licensee under this part or grantee of market access for NGSO or GSO satellite operation under this part seeks modification of authority to provide SCS in the same geographic areas covered in the relevant GIA, or the applicant for a space station license under this part or grant of market access for NGSO or GSO satellite operation under this part seeks to provide SCS in the same geographic areas covered in the relevant GIA; and

(iii) SCS earth stations will qualify as “licensed by rule” earth stations under § 25.115(q).

**Federal Communications Commission**

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(2) The application must include a comprehensive proposal for the prospective SCS system on FCC Form 312, Main Form and Schedule S, as described in § 25.114, together with the certification described in paragraph (b)(1) of this section and include a list of the file and identification numbers associated with the relevant leasing notification(s) under part 1 of this chapter, application(s), and FCC Form 601(s), with a brief description of the coverage areas that will be served, domestically and internationally.

\* \* \* \* \*

(c) *Equipment authorization for SCS earth stations.* Each SCS earth station used to provide SCS under this section must meet the equipment authorization requirements under paragraph (e) of this section and all equipment authorization requirements for all intended uses of the device pursuant to the procedures specified in part 2 of this chapter and the requirements of at least one of part 22, 24, or 27 of this chapter.

\* \* \* \* \*

7. In paragraph (f) of § 25.137, replace “(i)” with “(j).”
8. In paragraph (k)(1) of § 25.202, change “§ 25.202(f)” to “paragraph (f) of this section.”
9. In amendatory instruction 20, the first sentence is corrected to read as follows:

“20. Amend § 25.204 by revising the section heading and adding paragraph (g) to read as follows:”
10. In amendatory instruction 21, the first sentence is corrected to read as follows:

“21. Amend § 25.208 by revising the section heading and adding paragraph (w) to read as follows:”
11. In amendatory instruction 21, the section heading for § 25.208 is corrected to read as follows:

**“§ 25.208 Power flux-density and in-band field strength limits.”**
12. Below § 25.208, paragraph (w) is corrected to read as follows:

“(w) The aggregate field strength at the earth’s surface produced by all visible beams and satellites within each satellite constellation providing SCS service as they move over any given point or area in bands authorized by NG33A in the United States Table of Frequency Allocations and § 25.125 must meet:

  - (1) 40 dBµV/m for the 600 MHz, 700 MHz, and 800 MHz bands; and
  - (2) 47 dBµV/m for the AWS and PCS bands; and
  - (3) Licensees must comply with all applicable provisions and requirements of treaties and other international agreements between the United States government and the governments of other countries, including Canada and Mexico. Absent specific

**Federal Communications Commission**

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international agreements regarding SCS, licensees must comply with the limited provided in paragraphs (w)(1) and (2) of this section. ”

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