

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554**

In the Matter of

Application of Speedcast Communications,) Call Sign: E050018
Inc. for 60-Day Special Temporary)
Authorization (“STA”)) File No. SES-STA-_____

APPLICATION FOR SPECIAL TEMPORARY AUTHORIZATION

Pursuant to Section 25.120 of the rules of the Federal Communications Commission (the “FCC” or “Commission”),¹ Speedcast Communications Inc. (“Speedcast”, formerly “NewCom International Inc.”) respectfully seeks 60-day special temporary authorization (“STA”), commencing on July 1, 2021, or as soon as practicable thereafter, to operate two (2) earth stations at its Miami teleport.² Specifically, Speedcast seeks temporary authority to operate a Vertex 6.1m antenna and an ASC Signal 5.6m antenna in the 11.7-12.2 GHz band (space-to-Earth) and 14.0-14.5 GHz band (Earth-to-space) to communicate with the Commission’s space station Permitted List.³ Grant of this STA will serve the public interest by enabling Speedcast to optimize its ground station infrastructure to provide higher quality service to its customers, while meeting its growing business needs.

I. Discussion

This STA request seeks authority to operate two (2) new antennas at Speedcast’s Miami teleport. Specifically, Speedcast seeks to operate a Vertex 6.1m antenna and an ASC Signal 5.6m antenna in the 11.7-12.2 GHz band (space-to-Earth) and 14.0-14.5 GHz band (Earth-to-

¹ 47 C.F.R. § 25.120.

² Speedcast will soon file a long-term application for identical operations with the Commission.

³ Speedcast is already authorized to use the conventional Ku-band at its Miami teleport facility. *See* Newcom International, Inc., File No. SES-MOD-20190225-00190, Call Sign E050018 (granted March 18, 2021).

space) frequency bands, both of which have previously been licensed by the Commission in these frequency bands.⁴

Speedcast provides the attached pro forma FCC Form 312 Schedule B for relevant information relating to the proposed operations, including frequencies and power levels, as well as a radiation hazard analysis for each antenna. These documents demonstrate compliance with §25.209(a) and (b), and that the power density into each antenna will not exceed -14 dBW/4 kHz.⁵ Accordingly, both antennas will operate in conformance with the routine uplink parameters specified in the Commission's rules and will not adversely affect the operations of other spectrum users.

II. STA Request & Public Interest Considerations

Section 25.120(a) provides that an STA request should be filed at least three business days prior to commencement of proposed operations. Here, Speedcast has timely filed this STA request so that the Commission may permit operations by Thursday, July 1, 2021. Moreover, Section 25.120(b)(2) states that the Commission may grant a temporary authorization for up to 60 days if the STA request has not been placed on public notice and the applicant plans to file a request for regular authority for the service. Speedcast plans to file an application to modify its existing authority shortly after submission of this STA request to permit regular operation of the antennas.

Grant of this 60-day STA will strongly serve the public interest by allowing Speedcast to restructure its ground station operations to provide more efficient services to its customers. This,

⁴ See, e.g., *Radio Station Authorization of SES Americom, Inc.*, SES-MOD-20090505-00551, Call Sign E930436 (authorizing use of the Vertex 6.1 antenna); see also *Radio Station Authorization of Globecom License Sub, LLC*, SES-MOD-20101014-01388, Call Sign E020288 (authorizing use of the ASC Signal 5.6 antenna (a.k.a. Andrew Corp. 5.6m antenna) in conventional Ku-band frequencies).

⁵ See 47 C.F.R. §§ 25.209, 25.212(c).

in turn, will facilitate improved satellite services to companies and personnel in industries that rely on satellite connectivity for critical operational and employee support at remote locations that may be unable to obtain communications services through alternative facilities. Moreover, adding the Vertex 6.1 and ASC Signal 5.6 to the Miami teleport will allow Speedcast to provide more flexible services to its customers in the United States.

III. FAA Notification

Pursuant to 47. C.F.R. §17.14 (a) and (b), FAA notification is not necessary because (i) the proposed antennas will be shielded by existing permanent structures of a substantial character, and (ii) because the antennas will be located in a heavily congested area of Miami where they will not adversely affect safety in air navigation.

IV. Conclusion

Based on the foregoing, Speedcast requests that the Commission grant authority to Speedcast to operate these additional antennas to its existing authority for a period of 60 days commencing July 1, 2021.