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September 1, 2021

Marlene H. Dortch, Secretary
Federal Communications Commission
45 L Street, NE
Washington, DC 20554

Re: Submission pursuant to Section 1.65 of the Commission's Rules - Call Sign E210125; File Nos. SES-LIC-20210628-00992 and SES-AMD-20210817-01483

Dear Ms. Dortch:

Pursuant to Section 1.65 of the Federal Communications Commission's ("Commission") rules, 47 C.F.R. § 1.65, Speedcast Communications, Inc. ("Speedcast") hereby updates the Commission regarding its radio frequency ("RF") fencing and coordination efforts with respect to the above-referenced earth station application.

Speedcast intends to use of RF fencing to limit EIRP spectral density ("ESD") near the horizon and thereby mitigate the potential for interference from its proposed operations. The RF fencing solution will utilize wire mesh that is conductive and will be grounded to adequately disperse the induced electric field (*see* <https://assets.mcnichols.com/content/dam/mcnichols/cad-drawings/340242.pdf>). The RF fencing will be constructed with a height of 8 feet to effectively block the line-of-sight between the proposed earth station and potentially affected terrestrial receivers. With mesh spacing of approximately one-quarter wavelength, Speedcast estimates the RF fencing will provide approximately 40 dB of attenuation.

Consistent with Section 25.203(c) of the Commission's rules, Speedcast's frequency coordinator has informed the frequency coordinator for all potentially terrestrial licensees of the RF fencing plan. The frequency coordinators have agreed that the RF fencing should have an attenuation of not less than 25 dB confirmed by on-site testing, which clears all interference cases when taking into account other mitigating factors (*e.g.*, building blockage). Thus, Speedcast has concluded coordination with potentially affected terrestrial licensees and the RF fencing will fully address any potential for interference resulting from the proposed operations.

Given the need for expeditious consideration in view of the subject earth station's role in service restoration to Puerto Rico, Speedcast respectfully requests that the application be placed on public notice at the earliest practicable time. In this connection, the awareness of potentially affected parties, the ability to further update the record of this proceeding, and the opportunity for public comment ensures that the Commission will have a complete record prior to any potential grant of the application.

Please do not hesitate to contact me with any questions regarding this matter.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Carlos M. Nalda". The signature is fluid and cursive, with the first name "Carlos" and last name "Nalda" clearly legible.

Carlos M. Nalda
for *Speedcast Communications, Inc.*