

**Before the
Federal Communications Commission
Washington, DC 20554**

In the Matter of	)	
	)	
Application of Speedcast Communications Inc. to Modify its Ku-band VSAT	)	Call Sign: E010082
Network License	)	File No. SES-MOD-_____
	)	

EARTH STATION MODIFICATION APPLICATION

Pursuant to Section 25.117 of the Federal Communications Commission’s (the “FCC” or “Commission”) rules, 47 C.F.R. § 25.117, Speedcast Communications Inc. (“Speedcast”) respectfully seeks modification of its very small aperture terminal (“VSAT”) network license, Call Sign E010082¹ (the “Speedcast VSAT License”) to add up to 100 of each of the following terminal types: (i) the CPI Model 1244 2.4 meter earth station (the “2.4m”); and (ii) the CPI Model 1184 1.8 meter earth station (the “1.8m”). The 2.4m and 1.8m earth stations will operate in conventional Ku-band frequencies in accordance with the Commission’s two-degree spacing power levels and will communicate with Permitted List satellites.

The subject earth stations have been previously authorized to operate in the United States by the Commission. In addition, the technical characteristics of the proposed terminals are consistent with the off-axis EIRP spectral density limits applicable to conventional Ku-band earth station operations in a two-degree spacing environment. Speedcast provides information relating to the proposed earth station operations in FCC Form 312 Schedule B and the accompanying radiation hazard analyses.

The requested earth stations will enhance the efficiency and effectiveness of Speedcast’s satellite communications services offering in the United States. Among other operations, the

¹ See Speedcast Communications Inc., Radio Station Authorization, File No. SES-MOD-20121217-01115, Call Sign E010082 (granted March 28, 2013).

2.4m and 1.8m terminals will support commercial and government communications services, research and development activities, and other satellite communications solutions. And because the operations will be fully consistent with the Commission's Ku-band earth station licensing rules and two-degree spacing policies, they will not adversely affect the operations of other spectrum users.

In view of the foregoing, the public interest would be served by a grant of this modification application to add up to 10 each of the 2.4m and 1.8m earth stations to the Speedcast VSAT License.