

URGENT REQUEST FOR EXTENSION OF SPECIAL TEMPORARY AUTHORITY

Pursuant to 47 CFR 25.120 of the Commission's Rules, Lockheed Martin Corporation ("Lockheed Martin") hereby requests extension of its Special Temporary Authority ("STA") for a period of thirty (30) days to continue operation of its Carpentersville, New Jersey fixed earth station (Call Sign E7541) to provide telemetry, tracking, and control ("TT&C") functions during the post-launch and early orbit phases ("LEOP") of operation, ranging, and electronic propulsion monitoring for the Hispasat Advanced Generation 1 ("HAG1") satellite, also known as Hispasat 36W-1.

Lockheed Martin has current LEOP authority through May 28, 2017.¹ As noted in its initial request, the TT&C and ranging signals are transmitted in the standard Ku-band for which Lockheed Martin already has authority under Call Sign E7541. Thus, Lockheed Martin's STA is limited to seeking continued authority to communicate with HAG1 as a point of communication not on the Commission's Permitted Space Station List, and also to receive telemetry data on frequencies 11452.0 and 12749.0 MHz, which fall outside of the currently authorized Ku-band receive frequencies for the earth station. In all other respects, operation of the earth station remains consistent with the parameters set forth under the existing permanent authority.

HAG1 recently reached the location of its in-service operation and is stationed at 36.0° W.L., following successful launch on January 28, 2017, aboard an Arianespace Soyuz rocket from the Guiana Space Center. Lockheed Martin's control of the satellite was intended to be finalized today with the transfer to an earth station operator in Germany to complete the LEOP TT&C mission. However, due to circumstances beyond Lockheed Martin's control, the next stage earth station facility is unable to initiate TT&C of HAG1, as it is supporting another satellite launch mission that has been beset with technical issues. The operator of HAG1 thus urgently requires continued Lockheed Martin support for the near-term future, beyond the window initially authorized.

Lockheed Martin submits that the instant STA extension request is in the public interest, as it relates to the provision of critical TT&C services to a newly launched satellite asset. Accordingly, Lockheed Martin respectfully requests a further extension of its STA, for 30 days, until June 27, 2017.²

¹ FCC File No. SES-STA-20170112-00046 (request for Special Temporary Authority for 90 days; accepted for filing Public Notice on Jan. 25, 2017; granted Feb. 27, 2017).

² Lockheed Martin will continue its operations, pending grant of this request, consistent with 47 CFR 1.62 of the Commission's rules.