REQUEST FOR SPECIAL TEMPORARY AUTHORITY

By this application, Americom Government Services, Inc., d/b/a SES Government Solutions ("SES-GS") respectfully requests special temporary authority ("STA") for a period of 60 days to operate two 11-meter antennas (one in the C-band and one in the Ku-band) at a site in Elkwood, VA, pending submission of and action on an application for permanent licensing of the antennas. As discussed below, grant of the requested authority will allow SES-GS to provide service continuity to its U.S. government customer and is therefore in the public interest.

The C-band and Ku-band antennas for which STA is requested are part of a global network of facilities used for critical communications by the government customer of SES-GS. Because the antennas operate in non-Federal spectrum bands, the government agency cannot seek an FCC license in its own name. SES-GS has been advised by its customer that a previous provider of service to the customer had obtained temporary authority for operations at this site, but that no current authority is in effect for these operations. The government customer has requested that SES-GS obtain a permanent license for these antennas, and SES-GS is in the process of preparing the required application and conducting the necessary coordination for the C-band operations. SES-GS requests STA to allow the provision of service to the customer pending completion of and action on the license application.

Full technical details regarding the proposed operations are provided in the attached annex. Both antennas are compliant with the Commission's rules for operation in a two-degree spacing environment. SES-GS seeks STA on a non-interference basis pending regular licensing of these facilities. Coordination of the C-band antenna with terrestrial operations is in progress. SES-GS will supplement this request with additional information regarding coordination of the site as soon as it is available.

For the foregoing reasons, SES-GS respectfully requests special temporary authority to allow operation of two antennas consistent with the technical specifications described herein.

TECHNICAL DATA

Site Information	22129 Confederate Road, Elkwood, VA 22718 38° 27’ 34” N, 77° 50’ 51” W (NAD-83) Elevation 88.7 meters
Frequencies	C-Band: 5925-6425 MHz Transmit 3700-4200 MHz Receive
	Ku-Band: 14.0-14.5 GHz Transmit 11.7-12.2 GHz Receive
C-Band Emission Characteristics	Emission Designator: 36M0G7W Polarization H,V Max EIRP/Carrier 80.7 dBW Max EIRP Density 41.0 dBW/4kHz
Ku-Band Emission Characteristics	Emission Designator: 36M0G7W Polarization H,V Max EIRP/Carrier 86.7 dBW Max EIRP Density 47.2 dBW/4kHz
Points of Communications	ALSAT
Antenna Facilities	C-Band: One 11 meter Vertex 11 KPC Model 15 meters AGL, 88.6 meters AMSL
	Ku-Band: One 11.3 meter RSI 1100KS-200A Model 15 meters AGL, 88.6 meters AMSL
Maximum Gains	C-Band: 51.8 dBi @ 3.950 GHz 55.5 dBi @ 6.175 GHz
	Ku-Band: 60.2 dBi @ 11.200 GHz 61.2 dBi @ 14.319 GHz
Maximum Total Input Power at Antenna Flange	C-Band: 300 Watts
	Ku-Band: 125 Watts
Maximum Aggregate Output EIRP for All Carriers	C-Band: 80.7 dBW
	Ku-Band: 82 dBW