

Comsat, Inc.

Request for Special Temporary Authority to
Utilize Extended Ku-band Frequencies for the
SBY301KU 9 Meter Antenna to
Communicate With the Telstar 12V Satellite

File Number SES-MOD-20151009-00703
Submission id : IB2016002651

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Comsat, Inc. (“Comsat”) respectfully requests a grant of Special Temporary Authority (“STA”) effective December 16, 2016 to allow Comsat to utilize Extended Ku-band frequencies for the SBY301KU 9 meter fixed antenna at Southbury, Connecticut to communicate with the Telstar 12V (T12V) satellite (15.0 W.L.).

Grant of this STA is needed so that Comsat will be able to utilize the T12V satellite to provide Ku-band service to remote VSAT land earth stations to be operated by a U.S. Government agency customer in international locations. Comsat has an application pending before the Commission to modify the KA304 license to permit SBY301KU to communicate with the T12V satellite in the Extended Ku-band. As noted in that application this antenna currently has authorization to communicate with three other satellites in the Extended Ku- band and the same Extended Ku-band emission designators and antenna specifications currently authorized will be used for communication with T12V. Therefore, the only change to the license that is required by the pending application is to add the T12V satellite as a Point of Communication for SBY301KU. Comsat also notes that the Extended Ku-band communications to/from the U.S. will only be by the SBY301KU hub antenna with T12V. The remote VSAT earth stations will not be operated per the KA304 license because as explained above, they will be operated by a U.S. Government agency in international locations outside of the U.S.

The U.S. Government customer to be served with the service for which the authority is needed for SBY301KU to communicate with T12V in the Extended Ku-band would like to begin deploying its remote VSAT earth stations the week of December 19, 2016. Grant of the STA effective December 16, 2016 is therefore in the public interest as that will allow Comsat to conduct testing of the system in time to meet the U.S. Government customer’s needs.

Accordingly, Comsat respectfully requests that the International Bureau grant the STA to be effective December 16, 2016 for a period of sixty (60) days. The communications with T12V will be in full compliance with the Commission’s Rules as well as all provisions of the KA304 license. Comsat understands and accepts that authority to operate the hub antenna on Extended Ku- band frequencies is conditioned on agreement to cease transmissions if required. The 24/7 contact number for the Southbury earth station is 203-262-5000.

Any questions with respect to this matter may be directed to James G. Lovelace at 571-599-3643.