

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
KA304 STA SBY3 01KU T12V Extended Ku-band POC Authority

**1. Applicant**

|                   |                                   |                      |                   |
|-------------------|-----------------------------------|----------------------|-------------------|
| <b>Name:</b>      | Comsat, Inc.                      | <b>Phone Number:</b> | 203-252-5020      |
| <b>DBA Name:</b>  |                                   | <b>Fax Number:</b>   | 571-599-3670      |
| <b>Street:</b>    | 2550 Wasser Terrace<br>Suite 6000 | <b>E-Mail:</b>       | GWhite@comsat.com |
| <b>City:</b>      | Herndon                           | <b>State:</b>        | VA                |
| <b>Country:</b>   | USA                               | <b>Zipcode:</b>      | 20171 -           |
| <b>Attention:</b> | Mr Guy White                      |                      |                   |


60 days "with conditions"

File # SES-STA-20161212-00942

Call Sign KA304 Grant Date 12/14/2016  
(or other identifier)

Term Dates  
From 12/16/2016 To 02/13/2017

Approved: Paul E. Blas



Applicant: Comsat, Inc.  
Call Sign: KA304  
File No.: SES-STA-20161212-00942  
Special Temporary Authority

Comsat, Inc., is granted special temporary authority for 60 days beginning December 16, 2016, to operate its fixed earth station antenna, antenna ID SBY301KU, in Southbury, CT, with the Telstar 12V (S2933) satellite at 15 degrees W.L orbital location in the 13.75-14.0 GHz (Earth – to-space), and 10.95-11.7 GHz and ~~12.5-12.75~~ GHz (Space-to-Earth) frequency bands under the following conditions:

1. The STA is limited within the operational parameter of current license described under file number SES-MOD-20151009-00703.
2. Operations under this authority are on a non-interference basis only.
3. Operations under this authority are on a non-protected basis only.
4. In the event that there is a report of interference, COMSAT, INC., must immediately terminate transmissions and notify the FCC in writing.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Comsat Inc.'s, applications.
6. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.


*60 days* *"with conditions"*

File # SES-STA-20161212-00942

Call Sign KA304 Grant Date 12/14/2016  
(or other identifier)

Term Dates  
From 12/16/2016 To 02/13/2017

Approved: *Paul E. Hales*



The stamp is a red rectangular seal. On the left side, there is a circular emblem containing the text 'FEDERAL COMMUNICATIONS COMMISSION' around a central shield. Below the emblem, the word 'GRANTED' is printed in large, bold, capital letters. Underneath 'GRANTED', the words 'International Bureau' are printed in a smaller font.

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**

**Call Sign KA304**

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.**

|  |   |
|--|---|
| <b>2. Contact</b>  |   |
| <b>Name:</b> Comsat, Inc.  | <b>Phone Number:</b> 571-599-3643         |
| <b>Company:</b>  | <b>Fax Number:</b> 571-599-3670           |
| <b>Street:</b> 2550 Wasser Terrace<br>Suite 6000   | <b>E-Mail:</b> Jlovelace.ctr@comsat.com   |
| <b>City:</b> Herndon   | <b>State:</b> VA                          |
| <b>Country:</b> USA  | <b>Zipcode:</b> 20171 -                   |
| <b>Attention:</b>  | <b>Relationship:</b> Other                |
| (If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)  |   |
| 3. Reference File Number or Submission ID IB2016002651   |   |
| 4a. Is a fee submitted with this application?  |   |
| <input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).<br><input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee<br><input type="radio"/> Other (please explain): |   |
| 4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station  |   |
| 5. Type Request  |   |
| <input checked="" type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input type="radio"/> Other  |   |
| 6. Requested Use Prior Date<br>12/16/2016  |   |
| 7. City Southbury  | 8. Latitude<br>(dd mm ss.s h) 41 27 7.0 N |

|   |  |
|---|--|
| 9. State CT   | 10. Longitude<br>(dd mm ss.s h) 73 17 19.8 W |
| 11. Please supply any need attachments.<br>Attachment 1: Need Statement                      Attachment 2:                      Attachment 3:   |  |
| 12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)<br><div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Comsat, Inc. respectfully requests a grant of Special Temporary Authority 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 satellite (15.0 W.L.).</div> |  |
| 13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <input checked="" type="radio"/> Yes <input type="radio"/> No        |  |
| 14. Name of Person Signing<br>James G. Lovelace   | 15. Title of Person Signing<br>Consultant    |
| WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT<br>(U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION<br>(U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).   |  |

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