

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
WB36 STA for Hub Antenna ALSAT, Intellian v240k & Sea Tel 9797/9711

I. Applicant

Name: Astrium Services Government, Inc. **Phone Number:** 301-838-7807
DBA Name: **Fax Number:** 301-838-7752
Street: 2600 Tower Oaks Boulevard **E-Mail:** rob.swanson@astrium.eads-na.com
City: Rockville **State:** MD
Country: USA **Zipcode:** 20852
Attention: Mr Robert W Swanson

File # SES-STA-20140519-00380
Call Sign WB36 Grant Date 5-27-14
(or other identifier)
Term Dates 7-26-14
From S-27-14 To: [Signature]
Approved: [Signature]
International Bureau

Conditions:


Applicant: Astrium Services Government, Inc.

File No.: SES-STA-20140519-00380

Call Sign: WB36

All operations shall be on an unprotected and non-harmful interference basis, i.e. Astrium Services Government, Inc. shall not cause harmful interference to, and shall not claim protection from interference caused to it by any other lawfully operating station and it shall cease transmissions immediately upon notice of such interference.

Furthermore, Astrium must operate this STA within the domain of the most recent application for the call sign WB36 (File number SES-MFS-20140210-00037).

 GRANTED International Bureau	File #	<u>SES-STA-20140519-00380</u>
	Call Sign (or other identifier)	<u>WB36</u> Grant Date <u>5-27-14</u>
	From	Term Dates <u>5-27-14</u> To: <u>7-26-14</u>
	Approver:	<u>Paul E. Hales</u>

2. Contact			
Name:	Astrium Services Government, Inc.	Phone Number:	301-838-7839
Company:		Fax Number:	301-838-7752
Street:	2600 Tower Oaks Boulevard	E-Mail:	james.lovelace@astrium.eads-na.com
City:	Rockville	State:	MD
Country:	USA	Zipcode:	20852 -
Attention:	James G. Lovelace	Relationship:	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 SESMFS2014021000037 or Submission ID			
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).			
<input checked="" type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee			
<input checked="" 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			
05/27/2014			

7. City	Southbury	8. Latitude (dd mm ss.s h)	41 27 4.0 N
9. State	CT	10. Longitude (dd mm ss.s h)	73 17 22.0 W
11. Please supply any need attachments.			
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.) <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Astrium Services Government, Inc. (Astrium) requests a grant of Special Temporary Authority (STA) to operate a 4.8 meter Vertex RSI Ku-band Hub Antenna (known as SBY 343KU) located at its Southbury, CT teleport to provide service to remote Ku-band VSAT antennas and operate Intellian Model v240K 2.4 meter and Sea Tel Model 9797/9711 2.4 meter remote </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.			
14. Name of Person Signing	James G. Lovelace		
15. Title of Person Signing	contractor		
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).			

12. Description

Astrium Services Government, Inc. (Astrium) requests a grant of Special Temporary Authority (STA) to operate a 4.8 meter Vertex RSI Ku-band Hub Antenna (known as SBY 343KU) located at its Southbury, CT teleport to provide service to remote Ku-band VSAT antennas and operate Intellian Model v240K 2.4 meter and Sea Tel Model 9797/9711 2.4 meter remote antennas to provide service pursuant to its call sign WB36 license Ku-band ESV authorizations. The STA is requested to allow Astrium to operate these antennas while the Commission processes Astrium's pending application for permanent authority. As with the application for permanent authority, the STA is requested to operate the antennas in the Ku-band to communicate via All Authorized U.S. Domestic Satellites on the Space Station Permitted List. Astrium's Showing of Compliance that the antennas comply with the Commissions Rules is set forth in the pending Application and Exhibits to same which are hereby incorporated by reference. As detailed therein, all fully comply with all Commission Regulations and no waivers are needed or requested for operation of the antennas.

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember – You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Astrium Services Government, Inc.

Request for Special Temporary Authority to Operate
4.8 meter Vertex RSI Ku-band Hub Antenna to
Service Remote Ku-band VSATs
And Operate
Intellian Model v240K 2.4 Meter Ku-band ESV Remote Antennas and
Sea Tel Model 9797/9711 2.4 Meter Remote Antennas
To Provide Ku-band Earth Station on Vessel (ESV) Service

Call Sign WB36

FILE NO. SES-MFS-20140210-00037

Astrium Services Government, Inc. (Astrium) requests a grant of Special Temporary Authority (“STA”) to operate a 4.8 meter Vertex RSI Ku-band Hub Antenna (known as SBY 343KU) located at its Southbury, CT teleport to provide service to remote Ku-band VSAT antennas and operate Intellian Model v240K 2.4 meter and Sea Tel Model 9797/9711 2.4 meter remote antennas to provide service pursuant to its call sign WB36 license Ku-band ESV authorizations. The STA is requested to allow Astrium to operate these antennas while the Commission processes Astrium’s pending application for permanent authority. As with the application for permanent authority, the STA is requested to operate the antennas in the Ku-band to communicate via All Authorized U.S. Domestic Satellites on the Space Station Permitted List.

Astrium’s Showing of Compliance that the antennas comply with the Commission’s Rules is set forth in the pending Application and Exhibits to same which are hereby incorporated by reference. As detailed therein, all fully comply with all Commission Regulations and no waivers are needed or requested for operation of the antennas.

The immediate use to be made of the Hub Antenna is to assist a United States Government (USG) Agency in testing secure and non-secure network access via Ku-band satellite communications links with remote VSAT antenna(s) operated under the control of the USG. Grant of STA is in the public interest because the mission and activities of this USG Agency are crucial to the National Security of the United States.

Grant of STA to operate the ESV antennas is in the public interest because it will enable Astrium to enhance the communications options that can be made available to maritime customers. This will benefit the public in general due to the wide range of vessels in the commercial maritime sector which benefit from ESV services. These include vessels involved in oil and gas exploration and production, oil transport tankers, offshore supply vessels, cruise ships, container ships, car carriers, research vessels, and cable laying vessels. Many of these vessels are often at sea for prolonged periods and have limited communications with the outside world. In addition to enhancing the

capabilities that ESV services provide for crucial emergency communications, additional ESV options facilitate access to the internet, telephone, and email by crew personnel while at sea thus providing a much needed lifeline that contributes to the crew members' health, well-being, and safety.

Over and above these general benefits, enhancement of ESV communications options is specifically in the public interest because of the value it has for ESV customers involved in activities to alleviate United States dependence on foreign sources of energy. Vessels involved in offshore oil and gas exploration and production require continuous and reliable communications and ever increasing volumes of bandwidth to support operation, safety, environmental and regulatory requirements.

ESV services are utilized extensively by seismic vessels exploring for new offshore sources of oil and gas. In addition to the value of ESV services for emergency communications and ship operations for these vessels, ESVs are utilized to transmit huge amounts of data back to the vessels' headquarters for evaluation and analysis. Logistics and service vessels which support offshore drilling and production platforms rely on ESV services to enhance emergency communications capabilities and for day to day vessel operations and crew welfare. Finally, ESV services are of extraordinary value in responding to production incidents. A prime example of this was the 2010 Gulf of Mexico oil spill. ESV services were heavily utilized by vessels that played various key roles in the evaluation, coordination and implementation of the response to that disaster. Enhancement of ESV capabilities that can be made available to vessels that may need to respond to other such incidents at any time is clearly in the public interest.

Accordingly, Astrium respectfully requests that the Bureau grant the STA for a period of sixty days. Any questions with respect to this matter may be directed to James G. Lovelace at (301)838-7839.