

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:

KA313 STA ESV Antennas SeaTel 9711QOR; Intellian v240; Intellian v100 & v130; and Mitsubishi MVA60 & MVA120

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

60 days "With conditions"

File # SES-STA-20130514-00387
Call Sign KR313 Grant Date 05/22/2013
(or other identifier) Term Dates
From 05/22/2013 To: 09/20/2013
Approved: *[Signature]*



COMMUNICATIONS FEDERAL COMMUNICATIONS COMMISSION
GRANTED
International Bureau

Applicant: Astrium Services Government, Inc.
Call Sign: KA313
File No.: SES-STA-20130514-00387


Special Temporary Authority (STA)

Astrium Services Government, Inc. (Astrium) is granted special temporary authority for 60 days to operate Sea Tel Model 9711QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band Antennas; Intellian Model v240 2.4 Meter C-band Antennas; Intellian Model v100 1.06 Meter Ku-band Antennas; Intellian Model v130 1.25 Meter Ku-band Antennas; Mitsubishi Model MVA60 0.60 Meter Ku-band Antennas; and Mitsubishi Model MVA120 1.2 Meter Ku-band Antennas within the technical parameters in SES-MFS-20130504-00363 on the following conditions.

1. All operations shall be on an unprotected and non-harmful interference basis, i.e., Astrium shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station.
2. In the event that there is a report of interference, Astrium must immediately terminate transmissions and notify the FCC in writing.
3. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Astrium's risk.

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"*

 GRANTED International Bureau	File# <u>SES-STA-20130514-00387</u>
	Call Sign <u>KA313</u> Grant Date <u>05/22/2013</u> (or other identifier)
	Term Dates From <u>05/22/2013</u> To: <u>07/20/2013</u>
	Approved: <i>Paul E. Kelly</i>

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.love@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 SESMFS2013050400363 or Submission ID

4a. Is a fee submitted with this application?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

Use Prior to Grant

Change Station Location

Other

6. Requested Use Prior Date

05/21/2013

7. City/Southbury	8. Latitude (dd mm ss.s h) 41 27 5.3 N
9. State CT	10. Longitude (dd mm ss.s h) 72 17 19.4 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.) Astrium Services Government, Inc. requests Special Temporary Authority to operate Sea Tel Model 9711QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band Antennas; Intellian Model v240 2.4 Meter C-band Antennas; Intellian Model v100 1.06 Meter Ku-band Antennas; Intellian Model v130 1.25 Meter Ku-band Antennas; Mitsubishi Model MVA60 0.60 Meter Ku-	
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 Consultant
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).	

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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.

12. Description

Astrium Services Government, Inc. requests Special Temporary Authority to operate Sea Tel Model 9711QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band Antennas; Intellian Model v240 2.4 Meter C-band Antennas; Intellian Model v100 1.06 Meter Ku-band Antennas; Intellian Model v130 1.25 Meter Ku-band Antennas; Mitsubishi Model MVA60 0.60 Meter Ku-band Antennas; and Mitsubishi Model MVA120 1.2 Meter Ku-band Antennas to provide ESV service pursuant to its KA313 ESV Authorization. The showing of Compliance that the antennas fully meet all Commission Regulations for ESVs is set forth in Exhibit 1 of the pending application which is hereby incorporated by reference.

Astrium Services Government, Inc.

Request for Special Temporary Authority to Operate
Sea Tel Model 9711QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band Antennas;
Intellian Model v240 2.4 Meter C-band Antennas;
Intellian Model v100 1.06 Meter Ku-band Antennas;
Intellian Model v130 1.25 Meter Ku-band Antennas;
Mitsubishi Model MVA60 0.60 Meter Ku-band Antennas; and
Mitsubishi Model MVA120 1.2 Meter Ku-band Antennas
To Provide Earth Station on Vessel (ESV) Service

Call Sign KA313

FILE NO. SES-MFS-20130504-00363

Astrium Services Government, Inc. (Astrium) requests a grant of Special Temporary Authority ("STA") to operate Sea Tel Model 9711QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band Antennas; Intellian Model v240 2.4 Meter C-band Antennas; Intellian Model v100 1.06 Meter Ku-band Antennas; Intellian Model v130 1.25 Meter Ku-band Antennas; Mitsubishi Model MVA60 0.60 Meter Ku-band Antennas; and Mitsubishi Model MVA120 1.2 Meter Ku-band Antennas to provide ESV service pursuant to its call sign KA313 license ESV authorization. The STA is requested to allow Astrium to operate these ESV antennas while the Commission processes Astrium's pending application for permanent authority. The ESVs will be located on vessels traveling in U.S. and international waters and will operate through hub antennas already authorized by the Commission. As with the application for permanent authority, the STA is requested to operate the Sea Tel Model 9711QOR and the Intellian Model v240 antennas in the standard C-band to communicate via the SES-4 and NSS-9 satellites and the other antennas in the Ku-band to communicate via All Authorized U.S. Domestic Satellites on the Space Station Permitted List and provide ESV service in the same manner as previously authorized by the Commission for existing KA313 licensed ESV antennas.

Astrium's Showing of Compliance that the antennas comply with the Commission's Rules for ESVs is set forth in Exhibit 1 of the pending Application which is hereby incorporated by reference. As detailed therein and in the Application, the antennas fully comply with all Commission Regulations and no waivers are needed or requested for operation of the antennas.

Grant of this STA 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 to the public, 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 for Astrium to operate the antennas to provide ESV service. Any questions with respect to this matter may be directed to James G. Lovelace at (301)838-7839.