

KA249 SES-STA-20090511-00577 IB2009001251  
Vizada, Inc.

Approved by OMB  
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

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

KA249 ESV STA May 2009

1. Applicant

<b>Name:</b>	Vizada, Inc.	<b>Phone Number:</b>	301-838-7807
<b>DBA Name:</b>		<b>Fax Number:</b>	301-838-7752
<b>Street:</b>	1101 Wootton Parkway 10th Floor	<b>E-Mail:</b>	robert.swanson@vizada.com
<b>City:</b>	Rockville	<b>State:</b>	MD
<b>Country:</b>	USA	<b>Zipcode:</b>	20852 -
<b>Attention:</b>	Mr Robert W Swanson		



File # SES-STA-20090511-00577

Call Sign KA249 Grant Date 8/5/09  
(or other identifier)

From 5/15/09 Term Dates To: 6/13/09

Approved: Kathleen Medley  
Chief, Satellite Expts Br.

**2. Contact**

<b>Name:</b>	Vizada, Inc.	<b>Phone Number:</b>	301-838-7909
<b>Company:</b>		<b>Fax Number:</b>	301-838-7752
<b>Street:</b>	1101 Wootton Parkway	<b>E-Mail:</b>	james.lovelace@vizada.com
<b>City:</b>	Rockville	<b>State:</b>	MD
<b>Country:</b>	USA	<b>Zipcode:</b>	20852 -
<b>Attention:</b>	James G. Lovelace	<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 SESMOD2007052300709 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  
05/15/2009

7. City Santa Paula

8. Latitude  
(dd mm ss.s h) 34 24 5.0 N

9. State CA	10. Longitude (dd mm ss.s h) 119 4 29.4 W
11. Please supply any need attachments. Attachment 1: Progress Report                      Attachment 2: Need Statement                      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: 10px 0;">Vizada, Inc. request special temporary authority to allow the continuation of C&amp;#8722;Band ESV Vizada, Inc. request special temporary authority to allow the continuation of C&amp;#8722; Band ESV services via Santa Paula teleport (call sign KA249) services via Santa Paula teleport (call sign KA249)</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 &quot;party to the application&quot; for these purposes. <span style="float: right;"><input checked="" type="radio"/> Yes      <input type="radio"/> No</span>	
14. Name of Person Signing James G. Lovelace	15. Title of Person Signing Security Officer
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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VIZADA, INC.

REQUEST FOR SPECIAL TEMPORARY AUTHORITY

FILE NO. SES-MOD-20070523-00709 AND SES-STA-20090312-00301

May 9, 2009

Vizada, Inc. (“Vizada”) requests a grant of special temporary authority (“STA”) to allow the continued provision of C-band ESV services via the Santa Paula Teleport (call sign KA249). Grant of this STA is in the public interest because it will assure continuity of service for Vizada’s customers who now receive C-band ESV service via the Santa Paula Teleport. Accordingly, Vizada respectfully requests that the Bureau grant this STA for a period of sixty days. Vizada agrees to continue to operate subject to the terms and conditions contained in the original STA grant.

VIZADA, INC.

KA249

PROGRESS TOWARD FULL COMPLIANCE WITH C-BAND ESV RULES  
FILE NO. SES-MOD-20070523-00709 AND SES-STA-20090312-00301

May 9, 2009

At the request of the International Bureau staff, applicant Vizada, Inc. (Vizada) hereby submits the following information regarding its progress toward full compliance with the Commission's C-Band ESV rules.

As of the date of this report Vizada is providing C-Band ESV service per the STA via the Santa Paula Teleport to 30 vessels. This is a typical number of vessels receiving this service from Vizada via the Santa Paula Teleport at any given point in time. In the above-referenced modification application, Vizada requested partial temporary waivers of three subsections of the ESV rules: §§ 25.221 (a)(7), 25.221 (c)(1) and 25.221 (f). Vizada withdrew the request for the waiver of Section 25.221 (c)(1) by its September 16, 2008 letter to the Commission. Vizada has made the following progress with respect to compliance with Section 25.221 (a)(7) and 25.221 (f).

Section 25.221 (a)(7): This subsection requires each C-Band ESV terminal to cease transmissions automatically if the angle between the orbital location of the target satellite and the axis of the main lobe of the antenna exceeds 0.5°. At the time of Vizada's March 11, 2009 progress report this capability had been installed on one hundred forty two vessels that were receiving C-Band service via Santa Paula or may do so in the future. An additional twenty one installations have been completed since that time and the number of vessels with this capability now totals more than one hundred and sixty. There are still a small number of vessels for which upgrades to this capability are still needed but it is noted that on the day of this report only two of the vessels receiving C-Band service via Santa Paula are not yet compliant with this requirement and neither of these vessels are U.S.-registered vessels or are operating within 300 km of the U.S. coastline or fixed service (FS) offshore installations. Vizada continues to endeavor to complete upgrades as soon as feasible which will provide this capability on all vessels receiving C-Band service via Santa Paula or which may do so in the future.

Section 25.221 (f). This subsection requires ESV operators to automatically cease transmission if an ESV operates in violation of the terms of its coordination. At the time of Vizada's March 11, 2009 progress report this capability had been installed on one hundred forty two vessels that were receiving C-Band service via Santa Paula or may do so in the future. An additional twenty one installations have been completed since that time and the number of vessels with this capability now totals more than one hundred and sixty. There are a small number of other vessels that may in the future receive service via Santa Paula and operate in areas for which coordination is required that have not yet been outfitted with this capability. Vizada continues to endeavor to complete installation

on all such vessels as soon as feasible and notes that on the day of this report none of the vessels receiving C-Band service via Santa Paula which are not yet compliant with this requirement are U.S.-registered vessels and none are within 300 km of the U.S. coastline or FS offshore installations.

Vizada also notes that the current inability to fully meet this automatic shutoff requirement has been substantially mitigated by the successful frequency coordination of virtually all areas served via the Santa Paula Teleport for which coordination is required. Further, the number of ESVs receiving C-Band service via the Santa Paula teleport which typically operate in areas for which coordination is required is small (only 3 on the day of this report, all of which are fully compliant). Given the small number of vessels operating in waters for which coordination is required and the very small area that has not been successfully coordinated, Vizada is able to ensure by manual means that ESVs receiving C-Band service via Santa Paula do not operate in violation of the terms of Vizada's coordination.

Any questions should be directed to James G. Lovelace at 301-838-7909.