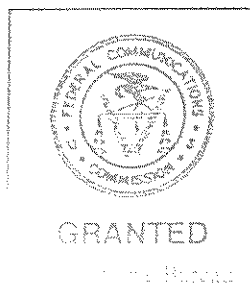


APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA for call sign E990068 to provide S-band testing and support.

1. Applicant

Name:	SES Americom, Inc.	Phone Number:	609-987-4062
DBA Name:		Fax Number:	609-987-4260
Street:	Four Research Way	E-Mail:	jim.barker@ses-amicom.com
City:	Princeton	State:	NJ
Country:	USA	Zipcode:	08540 -6684
Attention:	James R. Barker		



File # SES-STA-20080521-00667
Call Sign E990068 Grant Date 5/23/08
(or other identifier)
Term Dates
From 5/23/08 To: 6/23/08
Approved: Joanette D. Griggs

2. Contact

Name:	James Barker	Phone Number:	609-987-4062
Company:	SES Americom, Inc.	Fax Number:	609-987-4260
Street:	Four Research Way	E-Mail:	jim.barker@ses-amicom.com
City:	Princeton	State:	NJ
Country:	USA	Zipcode:	08540 -6684
Attention:	James Barker	Relationship:	Same

(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 SESMOD1999082001426 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

7. City Brewster	8. Latitude (dd mm ss.s h) 48 8 49.8 N
9. State WA	10. Longitude (dd mm ss.s h) 119 42 5.0 W
11. Please supply any need attachments. Attachment 1: SES Americom narrati 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: 10px 0;">Special Temporary Authority is requested on behalf of ICO Global Communications ('ICO') to provide comparison readings to verify the operational capabilities and performance of an ICO antenna located in North Las Vegas, NV and ICO's recently launched, geosynchronous satellite, G1. Uplink transmissions will be performed only in the 2000-2015 MHz frequency</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 Nancy J. Eskenazi	15. Title of Person Signing Vice President and Associate General Counsel
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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12. Description

Special Temporary Authority is requested on behalf of ICO Global Communications ('ICO') to provide comparison readings to verify the operational capabilities and performance of an ICO antenna located in North Las Vegas, NV and ICO's recently launched, geosynchronous satellite, G1. Uplink transmissions will be performed only in the 2000-2015 MHz frequency band. Downlink transmissions will be in the 2180-2200 MHz frequency band.

Attachment B

SES Americom, Inc. (“SES Americom”) seeks to withdraw a portion of the pending requests for special temporary authority (“STA”), File Nos. SES-STA-20080521-00667/68, to use its licensed earth stations at Brewster, WA, Call Signs E990067 and E990068, to participate in testing of a U.K.-licensed geostationary mobile satellite services (“MSS”) satellite, ICO G1, at 92.85° W.L. In addition, SES Americom submits as Attachment C an acknowledgement from the local frequency coordinator for Brewster, WA, that the planned operations have received concurrence from BAS licensees in Eastern Washington State, provided that daily reports are submitted to the local frequency coordinator by the ICO G1 operator.

Specifically, SES Americom asked to transmit and receive S-band signals in the 2000-2015 MHz frequency band in the uplink, and in the full 2180-2200 MHz frequency band in the downlink. For purposes of this STA request, SES Americom hereby withdraws its request to receive S-band signals in the 2180-2200 MHz frequency band. The tables containing the relevant technical parameter that were previously submitted would instead read as follows:

Table 1

Frequency Band (MHz)	Antenna polarization	Emission designator	Tx/Rx mode	Maximum EIRP (dBW)	Maximum EIRP density (dBW/4KHz)	Carrier function
2000.00-2015.00	R	156KG7W	T	10.0	-5.90	QPSK test carrier
2000.00-2015.00	R	41KGG7W	T	25.0	14.80	BPSK calibration carrier
2000.00-2015.00	R	N0N	T	49.70	49.70	CW carrier for calibration

Table 2

Ant gain: Transmit and receive	Total power at antenna flange (watts)	Total EIRP for all carriers (dBW)
34.3 dBi at 2.0 GHz	30.0	54.3
34.9 dBi at 2.15 GHz		

Table 3

Frequency Limits (MHz)	Range of Satellite Arc E/W limit	Ant. elev. angle east limit	Ant. elev. angle west limit	Earth station azimuth angle east limit	Earth station azimuth angle west limit	Maximum EIRP density toward horizon (dBW/4KHz)
2000-2015	92.90/92.80	35.0	23.0	142.0	149.0	23.4