

S2180 SAT-STA-20050314-00064 IB2005000560
SES Americom, Inc.
AMC-15



File # SAT-STA-20050314-00064

Call Sign S2180 Grant Date 3/15/2005
(or other identifier)

Term Dates
From 3/15/2005 To 4/14/2005 Approved by OMB 3060-0678

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File Number: SAT-STA-20050314-00064
Callsign:

Approved: [Signature] Chief satellite
Robert G. Nelson Regulatory Branch

FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY
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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
STA Request to operate AMC-15 at 113.075 degrees W.L.

I. Applicant

Name:	SES Americom, Inc.	Phone Number:	609-987-4000 x4187
DBA Name:		Fax Number:	609-987-4233
Street:	4 Research Way	E-Mail:	nancy.eskenazi@ses-amicom.com
City:	Princeton	State:	NJ
Country:	USA	Zipcode:	08540 -
Attention:	Ms. Nancy J. Eskenazi		

2. Contact

Name:	Karis A. Hastings, Esq.	Phone Number:	202-637-5767
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Street:	555 Thirteenth Street, NW	E-Mail:	KAHastings@HHLaw.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20004 -1109
Contact Title:		Relationship:	Legal Counsel

(If your application is related to an application filed with the Commission, enter the file number below.)

3. Reference File Number

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 CRY - Space Station (Geostationary)

5. Type Request

- Change Station Location Extend Expiration Date Other

6. Temporary Orbit Location
113.075 degrees W. L.

7. Requested Extended Expiration Date

8. 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.)

See Att. 1

9. 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. Yes No

10. Name of Person Signing

Nancy J. Eskenazi

11. Title of Person Signing

Vice President and Associate General Counsel

12. Please supply any need attachments.

Attachment 1: Att.1

Attachment 2:

Attachment 3:

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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**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of Application by)
SES AMERICOM, INC.) File No. SAT-STA-_____
For Special Temporary Authority to)
Begin Operating AMC-15 at 113.075° W.L.)

EXPEDITED ACTION REQUESTED

APPLICATION OF SES AMERICOM, INC.

SES Americom, Inc. ("SES Americom") hereby respectfully requests special temporary authority for a period of thirty days to relocate AMC-15 to 113.075° W.L. and commence operations of the spacecraft's Ka-band payload and Ku-band TT&C at that location with an East/West stationkeeping tolerance of 0.025 degrees. SES Americom seeks this authority pending action on its previously-filed request to operate AMC-15 in these bands at this location for the period from March 21, 2005, to May 21, 2005, File No. SAT-STA-20050310-00060. Grant of the instant application will serve the public interest by facilitating stationkeeping of AMC-15 and the Solidaridad 2 spacecraft operated by SatMex at 113° W.L. SES Americom seeks expedited action on this application because AMC-15 is scheduled to begin drifting away from its current orbit location of 117° W.L. on March 15.

AMC-15 is a Ku/Ka-band satellite that was launched on October 15, 2004, and is licensed to operate at the 105° W.L. orbital position.¹ On January 6, 2005, the Satellite Division granted SES Americom's request for authority to operate the AMC-15 Ka-band payload and Ku-band TT&C for a period of sixty days at each of two orbital locations, 117° W.L. and 113° W.L.² In its request for this authority, SES Americom had noted that Solidaridad 2 was located at 113° W.L., and SES Americom committed to coordinate with SatMex regarding stationkeeping.³

SES Americom has been pursuing these matters with SatMex. In those discussions, SES Americom has offered to operate AMC-15 centered at 113.075° W.L., with a +/- 0.025 degree East/West stationkeeping tolerance. Solidaridad 2 is centered at 113.0° W.L. with a +/- 0.05 degree East/West stationkeeping tolerance. Thus, locating AMC-15 at this slight offset from 113° W.L. with a smaller East/West tolerance will eliminate any overlap of the two satellites' stationkeeping volumes, greatly simplifying spacecraft operations.

Apart from this small shift in orbital location, SES Americom seeks authority for AMC-15 at 113.075° W.L. subject to the conditions adopted in paragraph 13 of the *STA Order*.

¹ See File Nos. SAT-LOA-20030219-00013; SAT-AMD-20030422-00069; SAT-AMD-20040615-00117; & SAT-MOD-20030214-00011, granted Aug. 18, 2004.

² *SES Americom, Inc., Memorandum Opinion & Order*, DA 05-39 (Sat. Div. rel. Jan. 6, 2005) (the "*STA Order*").

³ See File No. SAT-STA-20041012-00198, Narrative at 4.

Grant of the requested authority will not adversely affect any other operators. The proposed offset will facilitate coordination with SatMex's Solidaridad 2 spacecraft, as discussed above. In addition, the shift will increase the orbital separation from Telesat Canada's Anik F2 spacecraft, which operates in the Ku-band and Ka-band at 111.1° W.L. SES Americom has been coordinating with Telesat Canada to ensure that operations of Anik F2 are not subject to harmful interference, and the change in location will provide Anik F2 with an additional measure of interference protection.

SES Americom incorporates by reference herein the technical information it has already provided with respect to temporary operation of AMC-15 at 113° W.L.⁴ SES Americom is not submitting new contour maps with the instant application because the proposed shift in orbital location will not materially affect coverage of the spacecraft as shown on the maps already on file.

SES Americom hereby certifies that no party to this application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862. SES Americom waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same,

⁴ See File No. SAT-STA-20041012-00198, Technical Appendix & Attachment 1. This analysis demonstrated that operation of AMC-15 at 113° W.L. would comply with applicable Commission technical requirements and was compatible with the adjacent operations of Telesat Canada's Anik F2. As discussed above, the proposed offset of AMC-15 to 113.075° W.L will provide even greater interference protection to Anik F2.

whether by license or otherwise, and requests an authorization in accordance with this application.

For the foregoing reasons, SES Americom seeks authority for a period of thirty days to relocate AMC-15 to 113.075° W.L. and commence operations of the spacecraft's Ka-band payload and Ku-band TT&C at that location with an East/West stationkeeping tolerance of 0.025 degrees. SES Americom requests expedited action on this application.

Respectfully submitted,

SES Americom, Inc.

By: /s/ Nancy J. Eskenazi

Nancy J. Eskenazi
Vice President and
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Dated: March 14, 2005

**COORDINACIÓN GENERAL DE ASUNTOS
INTERNACIONALES**

**Dirección General de Organismos de Regulación
Internacional**

CFT/D05/CGAI/DGORI/ /2005

México, D.F., a 15 de marzo de 2005

SRA. JEREE PAYTON
Cross Border Negotiations and
Treaty Compliance Branch International Bureau
Federal Communications Commission
P r e s e n t e

Me es grato referirme a su mensaje telefax 800C2/SEB05100 fechado el día de hoy, mediante el cual remite a esta oficina a mi cargo el Acuerdo de Coordinación entre Satmex y SES Americom, relativo a la operación del satélite AMC-15 en la posición orbital 113.0° W (el "Acuerdo de Coordinación").

En este sentido, me permito informarle que una vez habiendo revisado la forma y fondo del Acuerdo de Coordinación, hemos concluido que el mismo protege de manera adecuada la operación de los satélites a cargo de la empresa mexicana Satélites Mexicanos, S.A. de C.V. (Satmex), y que por tanto, se protegen los servicios proporcionados por dicha empresa, tanto a usuarios en el territorio mexicano, como a usuarios en el territorio de diversos países en nuestro continente.

En virtud de lo anterior, y de conformidad con lo convenido en la reunión preparatoria para el Comité Consultivo de Alto Nivel, celebrada del 31 de enero al 4 de febrero del presente año, me es grato informarle que nos encontramos en posibilidad de otorgar nuestro acuerdo para la operación del satélite AMC-15, a cargo de la empresa estadounidense SES Americom, en la posición orbital nominal 113 grados longitud Oeste.

Cabe señalar, que nuestro acuerdo se encuentra sujeto al cumplimiento por parte de la empresa SES Americom, de todo lo establecido en el Acuerdo de Coordinación. En caso contrario, esta oficina se reserva el derecho a desistirse respecto del acuerdo otorgado en la presente carta.

No omito manifestar mi agradecimiento por el esfuerzo desplegado por esa oficina para la resolución satisfactoria de este asunto.

ATENTAMENTE,
EL DIRECTOR GENERAL

ING. FERNANDO CARRILLO VALDERRÁBANO.

c.c.p Ing. Leonel Lopez Celaya.- Director General de Política de Telecomunicaciones. SCT. (se Anexa copia del Acuerdo de Coordinación)
Lic. Carmen Ochoa Avendaño.- Abogada General. Satelites Mexicanos S.A. de C.V.