

S2926 SAT-MOD-20161003-00096 IB2016002210  
Satelites Mexicanos, S.A. de C.V.  
E117WB



\*with conditions

File # SAT-MOD-20161003-00096

Call Sign S2926 Grant Date 02/02/17  
(or other identifier)

From 02/02/17 Term Dates see  
To: conditions

Approved: *Stephen J. Duall*  
Stephen J. Duall  
Chief, Satellite Policy Branch

Approved by OMB  
3060-0678

Date & Time Filed: Oct 3 2016 5:52:36:190PM  
File Number: SAT-MOD-20161003-00096

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD – MAIN FORM	FCC Use Only
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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
Modification of U.S. Market Grant

1-8. Legal Name of Applicant

Name:	Satelites Mexicanos, S.A. de C.V.	Phone Number:	1152-55-2629-5800
DBA Name:		Fax Number:	1152-55-5580-3619
Street:	Av. Paseo de la Reforma 222	E-Mail:	hfortis@eutelsat.com
City:	Juarez	State:	
Country:	Mexico	Zipcode:	-
Attention:	Mr. Hector Fortis		

**ATTACHMENT TO GRANT**  
**Satélites Mexicanos, S.A. de C.V.**  
**IBFS File No. SAT-MOD-20161003-00096**

<b>IBFS File No(s):</b>	SAT-MOD-20161003-00096	<p align="center"><b>GRANTED – With Conditions</b></p>  <p align="center"><b>International Bureau Satellite Division</b></p>
<b>Licensee/Grantee:</b>	Satélites Mexicanos, S.A. de C.V. (Satmex) dba Eutelsat Americas	
<b>Call Sign:</b>	S2926	
<b>Satellite Name:</b>	E117WB (fka Satmex 9)	
<b>Orbital Location: (required station-keeping tolerance)</b>	117° W.L. (± 0.05 degrees east/west)	
<b>Administration:</b>	Papua New Guinea (Registration of spacecraft with U.N. by Mexico)	
<b>Nature of Service:</b>	Radio Navigation Service (RNSS) and Fixed-Satellite Service (FSS)	
<b>Scope of Grant:</b>	Modification to include the 13.75-14.0 GHz (Earth-to-space) and 11.45-11.7 GHz (space-to-Earth) frequency bands to provide fixed-satellite service within scope of U.S. market access and to reflect Mexico as the responsible administration for space object registration with the United Nations <sup>1</sup>	
<b>Previous Grant(s):</b>	<p>IBFS File Nos. SAT-LOI-20140617-00070 and SAT-AMD-20141119-00123 (granted Aug. 20, 2015).</p> <p>Grant of access to the United States market for the provision of RNSS via the E117WB (fka Satmex 9) space station using the following frequencies at two earth stations in the U.S.: the 6628.27-6650.27 MHz, and 6679.42-6701.42 (Earth-to-space) frequency bands for feeder links, the 4198-4198.4 MHz and 4199.6-4200 MHz (space-to-Earth) frequency bands for antenna alignment and tracking, and the 1165.45-1187.45 MHz and 1564.42-1586.42 MHz (space-to-Earth) frequency bands for Federal Aviation Administration (FAA) Wide Area Augmentation System (WAAS) digital data</p>	
<b>Service Area(s):</b>	See Schedule S at Item S6 and accompanying .gxt files	
<b>Frequencies:</b>	6628.27-6650.27 MHz (Earth-to-space) 6679.42-6701.42 MHz (Earth-to-space) 4198-4198.4 MHz (space-to-Earth) 4199.6-4200 MHz (space-to-Earth) 1165.45-1187.45 MHz (space-to-Earth) 1564.42-1586.42 MHz (space-to-Earth) 11.45-11.7 GHz (space-to-Earth) 13.75-14.0 GHz (Earth-to-space)	

<sup>1</sup> Satmex's grant of U.S. market access included a condition addressing registration of the E117WB space object with the United Nations. The space station has been registered with the United Nations by Mexico and therefore this condition has been deleted.

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**Unless otherwise specified herein, operations under this grant must comport with the legal and technical specifications set forth by the applicant or petitioner and with Federal Communication Commission's rules not waived herein. This grant is also subject to the following conditions:**

1. This grant does not include provision of any Direct-to-Home service, Direct Broadcast Satellite service, or Digital Audio Service to, from, or within the United States.<sup>2</sup>
2. Satmex must maintain its E117WB space station with an east/west longitudinal station-keeping tolerance of  $\pm 0.0.5$  degrees of the 117° W.L. orbital location.
3. Communications between U.S.-licensed earth stations and the E117WB space station must comply with all existing and future space station coordination agreements reached between Papua New Guinea and other administrations. In the absence of a coordination agreement, such communications must comply with applicable provisions of the ITU Radio Regulations as the Commission cannot guarantee the success of the required conditions.
4. Satmex is granted U.S. market access for use of the following frequencies at two earth stations in the U.S.: the 6628.27-6650.27 MHz, and 6679.42-6701.42 MHz (Earth-to-space) frequency bands for feeder links, the 4198-4198.4 MHz and 4199.6-4200 MHz (space-to-Earth) for antenna alignment and tracking, and the 1165.45-1187.45 MHz and 1564.42-1586.42 MHz (space-to-Earth) frequency bands for Federal Aviation Administration (FAA) Wide Area Augmentation System (WAAS) digital data.<sup>3</sup>
5. The E117WB space station is added to the Commission's Permitted Space Station List for the 13.75-14.0 GHz (Earth-to-space) and 11.45-11.7 GHz (space-to-Earth) frequency bands.<sup>4</sup>
6. Satmex's request for a waiver of Section 25.210(f) of the Commission's rules, 47 CFR § 25.210(f) is GRANTED. Section 25.210(f) requires that Fixed-Satellite Service (FSS) space stations employ full frequency re-use either through orthogonal polarization in the same beam and/or the use of spatially independent beams. The purpose of the rule, applicable only to Satmex's use of the C-band frequencies which operate in an FSS frequency allocation, is to ensure that space stations maximize the use of the spectrum. Granting Satmex a waiver of Section 25.210(f) would not prevent other licensees' use of the same spectrum through orthogonal polarization, preserving the maximum utilization of the spectrum.<sup>5</sup>
7. Satmex's request for a waiver of Section 25.283 of the Commission's rules, 47 CFR § 25.283(c) is GRANTED. The E117WB space station is a Boeing model 702SP, that uses a xenon ion propulsion system that will remain pressurized at the satellite's end-of-life. Satmex projects the amount of xenon remaining at end-of-life to be 4.2 Kg, in a single tank with volume of roughly 233 liters, and at a pressure between 40 and 80 psi.<sup>6</sup> We grant this waiver based on the information submitted by Satmex but find that this information is not sufficient to support a finding that the underlying purpose of Section 25.283(c)

<sup>2</sup> With respect to DBS and DTH, this condition excludes from the scope of this market access grant those services specified in Section 25.701(a)(1)-(5) of the Commission's rules. 47 CFR § 25.701(a)(1)-(5).

<sup>3</sup> Satélites Mexicanos, S.A. de C.V. was granted market access to use these frequency bands for FAA WAAS digital data in SAT-LOI-20140617-00070 and SAT-AMD-20141119-00123 (granted Aug. 20, 2015).

<sup>4</sup> The Commission's Permitted Space Station List was recently expanded and now includes the extended and conventional C-bands, the extended and conventional Ku-bands, the conventional Ka-band, and the 24.75-25.25 GHz band. *Comprehensive Review of Licensing and Operating Rules for Satellite Services*, Second Report and Order, 30 FCC Rcd 14713, 14795 at para. 249 (2015) (*Part 25 Report and Order*).

<sup>5</sup> Satmex's prior grant of a waiver of Section 25.210(i) of the Commission's rules, granted in SAT-LOI-20140617-00070 and SAT-AMD-20141119-00123 (granted Aug. 20, 2015) is now moot. This provision was eliminated in the Part 25 Report and Order, 30 FCC Rcd 14713, 14817 para. 333 (2015).

<sup>6</sup> The rated burst pressure of the tank is 7300 psi.

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would be served. This action is without prejudice to possible future license or grant requirements in connection with other space craft of the same manufacturing series.

8. Satmex's use of the 11.45-11.7 GHz (space-to-Earth) frequency band is limited to international operations in accordance with footnote NG52 to the United States Table of Frequency Allocations, 47 CFR § 2.106, NG52.
9. Satmex's use of the 11.45-11.7 GHz (space-to-Earth) frequency band is subject to footnote US211 to the United States Table of Frequency Allocations, 47 CFR § 2.106, US211, which urges applicants for airborne or space station assignments to take all practicable steps to protect radio astronomy observations in the adjacent bands from harmful interference, consistent with footnote US74.
10. Pursuant to footnote US337 of the United States Table of Frequency Allocations, 47 C.F.R. § 2.106, US337, any earth station in the United States and its possessions communicating with the E117WB space station in the 13.75-14.0 GHz band (Earth-to-space) is required to coordinate through National Telecommunications and Information Administration's (NTIA's) Interdepartment Radio Advisory Committee's (IRAC's) Frequency Assignment Subcommittee (FAS) to minimize interference to the National Aeronautics and Space Administration Tracking and Data Relay Satellite System, including manned space flight.
11. In the 13.75-14.0 GHz band (Earth-to-space), receiving space stations in the Fixed-Satellite Service shall not claim protection from radiolocation transmitting stations operating in accordance with footnote US356 of the United States Table of Frequency Allocations. 47 CFR §2.106, US356.
12. Operations of any earth station in the United States and its possessions communicating with the E117WB space station in the 13.75-14.0 GHz band (Earth-to-space) must comply with footnote US 356 to United States Table of Frequency Allocations, 47 CFR § 2.106, US356, which specifies a mandatory minimum antenna diameter of 4.5 meters and recommended minimum and maximum equivalent isotropically radiated powers (EIRP). Operations of any earth station located outside the United States and its possessions communicating with the E117WB space station in the 13.75-14.0 GHz (Earth-to-space) frequency band are subject to No. 5.502 to the ITU Radio Regulations, which allows a minimum antenna diameter of 1.2 meters for earth stations of a geostationary satellite orbit network and specifies mandatory power limits.
13. Operations of any earth station in the United States and its possessions communicating with the E117WB space station in the 13.77-13.78 GHz band (Earth-to-space) must comply with footnote US357 to United States Table of Frequency Allocations, 47 CFR § 2.106, US357, which specifies a maximum EIRP density of emissions of 71 dBW in any 6 MHz band for communications with a space station in geostationary-satellite orbit.<sup>7</sup> Operations of any earth station located outside the United States and its possessions communicating with the E117WB space station in the 13.77-13.78 GHz (Earth-to-space) frequency band are subject to No. 5.503 of the ITU Radio Regulations, which specifies a required maximum EIRP density of emissions (limit is dependent on antenna diameter) for communications with a space station in geostationary-satellite orbit.
14. The operations of E117WB and associated earth stations must comport with the applicable uplink and downlink limits in 47 CFR § 25.140(a)(3) of the Commission's rules, unless Satmex coordinates any non-conforming operations with the operations of U.S.-licensed geostationary orbit space stations within 6 degrees of the 117° W.L. orbital location. Non-conforming operation must also be coordinated with respect to those operations of non-U.S.-licensed space stations within 6 degrees of 117° W.L. involving approved communications with U.S.-licensed earth stations.
15. Satmex's request for a waiver of Section 25.131(j) of the Commission's rules, 47 CFR § 25.131(j), to

<sup>7</sup> Footnote US357 places a restriction on FSS earth station operations in order to protect government operations in the band, including manned space flight. 47 CFR § 2.106, US357.

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permit radionavigation satellite service terminals to receive transmissions over L1 and L5 GPS frequencies (1564.42-1586.42 and 1165.45-1187.45 MHz, respectively) from the wide area augmentation system transmitter on the E117WB satellite, without obtaining a U.S. license, is GRANTED. This action is based on the following findings and conclusions:

- a. The RNSS signals offered by this non-U.S. licensed satellite are provided pursuant to a contract with the Federal Aviation Administration (FAA) for use in connection with the FAA's Wide Area Augmentation System (WAAS), and will further the FAA's goals of improving functionality and reliability of the Global Positioning System.
- b. This action has been coordinated with the National Telecommunications and Information Administration.

16. This grant of market access will terminate in the event that the E117WB space station is relocated from the 117° W.L. orbital location or ceases to operate.<sup>8</sup>


Licensee/grantee is afforded thirty (30) days from the date of release of this action to decline the grant as conditioned. Failure to respond within this period will constitute formal acceptance of the grant as conditioned.

This action is taken pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.

Station licenses are subject to the conditions specified in Section 309(h) of the Communications Act of 1934, as amended, 47 U.S.C. § 309(h).

<b>Action Date:</b>	February 2, 2017	
<b>Term Dates</b>	<b>From:</b> February 2, 2017	<b>To:</b> see conditions

**Approved:**

  
 Stephen J. Duall  
 Chief, Satellite Policy Branch

<sup>8</sup> Satmex's grant of market access was conditioned on compliance with the Commission's bond and milestone requirements in place at the time of grant. The Bureau determined that Satmex had satisfied the first three milestones for the E117WB space station. *See* Policy Branch Information Actions Taken, 30 FCC Rcd 9877 (Sept. 11, 2015). On January 30, 2017, Satmex informed the Commission that the E117WB space station satisfied the launch and operation milestone and seeks release of the bond associated with the space station. *See* Letter to Marlene H. Dortch, Secretary, FCC, from Hector Fortis, Director, Regulatory and International Affairs, Eutelsat Americas (Jan. 30, 2017).

9-16. Name of Contact Representative

<b>Name:</b>	Carlos Nalda	<b>Phone Number:</b>	5713325626
<b>Company:</b>	LMI Advisors	<b>Fax Number:</b>	
<b>Street:</b>	8601 James Creek Drive	<b>E-Mail:</b>	cnalda@lmiadvisors.com
<b>City:</b>	Springfield	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22152-
<b>Attention:</b>	Mr. Carlos Nalda	<b>Relationship:</b>	Other

CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for both questions a. and b. Choose only one for 17a and only one for 17b.

- a1. Earth Station
- a2. Space Station

- (N/A) b1. Application for License of New Station
- (N/A) b2. Application for Registration of New Domestic Receive-Only Station
- b3. Amendment to a Pending Application
- b4. Modification of License or Registration
- b5. Assignment of License or Registration
- b6. Transfer of Control of License or Registration
- b7. Notification of Minor Modification
- (N/A) b8. Application for License of New Receive-Only Station Using Non-U.S. Licensed Satellite
- (N/A) b9. Letter of Intent to Use Non-U.S. Licensed Satellite to Provide Service in the United States
- (N/A) b10. Other (Please specify)
- (N/A) b11. Application for Earth Station to Access a Non-U.S. satellite Not Currently Authorized to Provide the Proposed Service in the Proposed Frequencies in the United States
- (N/A) b12. Application for Database Entry
- b13. Amendment to a Pending Database Entry Application
- b14. Modification of Database Entry



TYPE OF SERVICE

<p>20. NATURE OF SERVICE: This filing is for an authorization to provide or use the following type(s) of service(s): Select all that apply:</p> <p><input checked="" type="checkbox"/> a. Fixed Satellite <input type="checkbox"/> b. Mobile Satellite <input type="checkbox"/> c. Radiodetermination Satellite <input type="checkbox"/> d. Earth Exploration Satellite <input type="checkbox"/> e. Direct to Home Fixed Satellite <input type="checkbox"/> f. Digital Audio Radio Service <input type="checkbox"/> g. Other (please specify)</p>	
<p>21. STATUS: Choose the button next to the applicable status. Choose only one.</p> <p><input type="radio"/> Common Carrier    <input checked="" type="radio"/> Non-Common Carrier</p>	<p>22. If earth station applicant, check all that apply.</p> <p><input type="checkbox"/> Using U.S. licensed satellites <input type="checkbox"/> Using Non-U.S. licensed satellites</p>
<p>23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:</p> <p><input type="radio"/> Connected to a Public Switched Network    <input type="radio"/> Not connected to a Public Switched Network    <input checked="" type="radio"/> N/A</p>	
<p>24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all applicable frequency band(s).</p> <p><input type="checkbox"/> a. C-Band (4/6 GHz)    <input checked="" type="checkbox"/> b. Ku-Band (12/14 GHz) <input type="checkbox"/> c. Other (Please specify upper and lower frequencies in MHz.)</p> <p>Frequency Lower:    Frequency Upper: (Please specify additional frequencies in an attachment)</p>	



TYPE OF STATION

25. CLASS OF STATION: Choose the button next to the class of station that applies. Choose only one.

- a. Fixed Earth Station
- b. Temporary-Fixed Earth Station
- c. 12/14 GHz VSAT Network
- d. Mobile Earth Station
- e. Geostationary Space Station
- f. Non-Geostationary Space Station
- g. Other (please specify)

26. TYPE OF EARTH STATION FACILITY:

- Transmit/Receive     Transmit-Only     Receive-Only     N/A

"For Space Station applications, select N/A."

PURPOSE OF MODIFICATION

27. The purpose of this proposed modification is to: (Place an 'X' in the box(es) next to all that apply.)

- a — authorization to add new emission designator and related service
- b — authorization to change emission designator and related service
- c — authorization to increase EIRP and EIRP density
- d — authorization to replace antenna
- e — authorization to add antenna
- f — authorization to relocate fixed station
- g — authorization to change frequency(ies)
- h — authorization to add frequency
- i — authorization to add Points of Communication (satellites & countries)
- j — authorization to change Points of Communication (satellites & countries)
- k — authorization for facilities for which environmental assessment and radiation hazard reporting is required
- l — authorization to change orbit location
- m — authorization to perform fleet management
- n — authorization to extend milestones
- o — Other (Please specify)

ENVIRONMENTAL POLICY

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental impact as defined by 47 CFR 1.1307? If YES, submit the statement as required by Sections 1.1308 and 1.1311 of the Commission's rules, 47 C.F.R. 1.1308 and 1.1311, as an exhibit to this application. A Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or major amendments.	<input type="radio"/> Yes <input checked="" type="radio"/> No
UN Registration	

ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeronautical en route or aeronautical fixed radio station services are not required to respond to Items 30-34.

29. Is the applicant a foreign government or the representative of any foreign government?	<input type="radio"/> Yes <input checked="" type="radio"/> No
30. Is the applicant an alien or the representative of an alien?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A
32. Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A

33. Is the applicant a corporation directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?  Yes  No  N/A

34. If any answer to questions 29, 30, 31, 32 and/or 33 is Yes, attach as an exhibit an identification of the aliens or foreign entities, their nationality, their relationship to the applicant, and the percentage of stock they own or vote.

#### BASIC QUALIFICATIONS

35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules?  Yes  No  
If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.

36. Has the applicant or any party to this application or amendment had any FCC station authorization or license revoked or had any application for an initial, modification or renewal of FCC station authorization, license, or construction permit denied by the Commission? If Yes, attach as an exhibit, an explanation of circumstances.  Yes  No

37. Has the applicant, or any party to this application or amendment, or any party directly or indirectly controlling the applicant ever been convicted of a felony by any state or federal court? If Yes, attach as an exhibit, an explanation of circumstances.

Yes  No

38. Has any court finally adjudged the applicant, or any person directly or indirectly controlling the applicant, guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement or any other means or unfair methods of competition? If Yes, attach as an exhibit, an explanation of circumstances

Yes  No

39. Is the applicant, or any person directly or indirectly controlling the applicant, currently a party in any pending matter referred to in the preceding two items? If yes, attach as an exhibit, an explanation of the circumstances.

Yes  No

40. If the applicant is a corporation and is applying for a space station license, attach as an exhibit the names, address, and citizenship of those stockholders owning a record and/or voting 10 percent or more of the Filer's voting stock and the percentages so held. In the case of fiduciary control, indicate the beneficiary(ies) or class of beneficiaries. Also list the names and addresses of the officers and directors of the Filer.

41. 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

42a. Does the applicant intend to use a non-U.S. licensed satellite to provide service in the United States? If Yes, answer 42b and attach an exhibit providing the information specified in 47 C.F.R. 25.137, as appropriate. If No, proceed to question 43.

Yes  No

Technical Annex

42b. What administration has licensed or is in the process of licensing the space station? If no license will be issued, what administration has coordinated or is in the process of coordinating the space station? Mexico

43. Description. (Summarize the nature of the application and the services to be provided). (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)

Eutelsat Americas seeks to modify the U.S. market access grant of the E117WB satellite to add the 13.75-14.0 GHz (Earth-to-space) band and the 11.45-11.7 GHz band (space-to-Earth) to its market access grant, and to modify Condition 4 of its market access grant.

Petition

43a. Geographic Service Rule Certification

By selecting A, the undersigned certifies that the applicant is not subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25.

A

By selecting B, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will comply with such requirements.

B

By selecting C, the undersigned certifies that the applicant is subject to the geographic service or geographic coverage requirements specified in 47 C.F.R. Part 25 and will not comply with such requirements because it is not feasible as a technical matter to do so, or that, while technically feasible, such services would require so many compromises in satellite design and operation as to make it economically unreasonable. A narrative description and technical analysis demonstrating this claim are attached.

C

CERTIFICATION

The Applicant 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, whether by license or otherwise, and requests an authorization in accordance with this application. The applicant certifies that grant of this application would not cause the applicant to be in violation of the spectrum aggregation limit in 47 CFR Part 20. All statements made in exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that all statements made in this application and in all attached exhibits are true, complete and correct to the best of his or her knowledge and belief, and are made in good faith.

44. Applicant is a (an): (Choose the button next to applicable response.)

- Individual
- Unincorporated Association
- Partnership
- Corporation
- Governmental Entity
- Other (please specify)

45. Name of Person Signing  
Hector Fortis

-->

46. Title of Person Signing  
Director, International and Regulatory Affairs

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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