Date & Time Filed: Feb 21 2014 10:20:42:213AM

File Number: SES-LIC-INTR2014-00306

Callsign/Satellite ID:

### APPLICATION FOR EARTH STATION AUTHORIZATIONS

FCC 312 MAIN FORM FOR OFFICIAL USE ONLY **FCC Use Only** 

### APPLICANT INFORMATION

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

TELEVISA SA de CV MOB-5

1-8. Legal Name of Applicant

Name: TELEVISA, SA de CV Phone 2028281860 Number:

DBA

Name:

Fax 2029555564

Number:

800 17TH STREET NW, STE 1100 Street:

E-Mail: NORM.LEVENTHAL@HKLAW.COM

WASHINGTON City:

State:

Country: USA Zipcode:

Attention: NORMAN LEVENTHAL ESQ

9-16. Name of Contact Representative

Name: NORM LEVENTHAL Phone Number: 2028281860

Company: HOLLAND & KNIGHT LLP

Fax Number: 2029555564

Street: 800 17TH STREET, N.W. E-Mail: NORM.LEVENTHAL@HKLAW.COM

**SUITE 1100** 

WASHINGTON City:

DC State:

Country: **USA**  Zipcode: 20006=3906

Attention: NORM LEVENTHAL

Relationship: Legal Counsel

## CLASSIFICATION OF FILING

17. Choose the button next to the classification that applies to this filing for **b**1. Application for License of New Station both questions a. and b. Choose only one for 17a and only one for 17b.

6 b2. Application for Registration of New Domestic Receive-Only Station

a1. Earth Station

(N/A) a2. Space Station

(N/A) b3. Amendment to a Pending Application

(N/A) b4. Modification of License or Registration (N/A) b5. Assignment of License or Registration

(N/A) b6. Transfer of Control of License or Registration

(N/A) 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

b10. Other (Please specify)

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.

17c. 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).

| O Governmental Entity Noncommerco Other(please explain):   | cial educational licensee                                   |  |                              |                              |
|--|---|--|------------------------------|------------------------------|
| 17d. Fee Classification CYB - Mobile S   | Satellite Earth Stations Ir                                 | ndividual Earth S                              | tation                       |                              |
| 18. If this filing is in reference to an existing station, enter:  | 19. If this filing is an amenda (a) Date pending applicatio |  |                              | pending application:         |
| (a) Call sign of station:<br>Not Applicable  | Not Applicable  |  | Not Applicable               |                              |
|  | TYPE OF   | SERVICE  |                              |                              |
| 20. NATURE OF SERVICE: This filing is  | s for an authorization to prov                              | ide or use the follow                          | ving type(s) of servic       | e(s): Select all that apply: |
| ■ a. Fixed Satellite □ b. Mobile Satellite □ c. Radiodetermination Satellite □ d. Earth Exploration Satellite □ e. Direct to Home Fixed Satellite □ f. Digital Audio Radio Service □ g. Other (please specify)       |   |  |                              |                              |
| 21. STATUS: Choose the button next to the  | ne applicable status. Choose                                |  | applicant, check all the     | hat apply.                   |
| only one.  Common Carrier Non-Common Ca  |   | Using U.S. licer                               |                              |                              |
|  |   |  | licensed satellites          | 214 filings Change and Am    |
| 23. If applicant is providing INTERNATION these facilities:  | ONAL COMMON CARRIER   | service, see instruc                           | tions regarding Sec.         | 214 filings. Choose one. Are |
| O Connected to a Public Switched Netwo   | ork 🍳 Not connected to a Pu                                 | blic Switched Netwo                            | ork O N/A                    |                              |
| 24. FREQUENCY BAND(S): Place an "X  a. C-Band (4/6 GHz) b. Ku-Band ( c.Other (Please specify upper and lower frequency Lower: Frequency Upper:   | 12/14 GHz)  | oplicable frequency l                          | band(s).                     |                              |
| Frequency Bower Frequency Oppor.   | TYPE OF   | STATION  |                              |                              |
| 25. CLASS OF STATION: Choose the bu  |   |  | ose only one                 |                              |
| • a. Fixed Earth Station   | ition next to the class of static                           | on that applies. Choc                          | ose only one.                |                              |
| b. Temporary-Fixed Earth Station   |   |  |                              |                              |
| c. 12/14 GHz VSAT Network  |   |  |                              |                              |
| Od. Mobile Earth Station (N/A) e. Geostationary Space Station (N/A) f. Non-Geostationary Space Station Og. Other (please specify)  | 1   |  |                              |                              |
| 26. TYPE OF EARTH STATION FACIL  | ITV. Chassa anky and  |  |                              |                              |
| Transmit/Receive Transmit-Only   |   |  |                              |                              |
|  | PURPOSE OF M  | MODIFICATION                                   |                              |                              |
| 27. The purpose of this proposed modification  |   |  |                              |                              |
| Not Applicable   | ation is to. (Frace all A in the                            | e box(es) flext to all                         | mat appry.)                  |                              |
|  | ENVIRONME   | NTAL POLICY                                    |                              |                              |
| 28. Would a Commission grant of any pro-<br>environmental impact as defined by 47 Cl<br>1.1308 and 1.1311 of the Commission's ra<br>application. A Radiation Hazard Study mu-<br>modifications, or major amendments. | FR 1.1307? If YES, submit thates, 47 C.F.R. §§ 1.1308 and   | ne statement as requi<br>d 1.1311, as an exhib | ired by Sections bit to this | ○ Yes ❷ No                   |

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?   | O Yes ⊗ No  |
|--|---|
| 30. Is the applicant an alien or the representative of an alien?   | ⊗ Yes O No O N/A                                  |
| 31. Is the applicant a corporation organized under the laws of any foreign government?   | ⊗ <sub>Ves</sub> ⊘ <sub>No</sub> ⊘ <sub>N/A</sub> |
| 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?  | ● Yes O No O 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.  | ALIEN OWNERSHIP                                   |
| BASIC QUALIFICATIONS   |   |
| 35. Does the Applicant request any waivers or exemptions from any of the Commission's Rules? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.   | O Yes ⊗ No  |
| 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 explination of circumstances.   | ○ Yes ❷ 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 explination 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 ❷ 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 exhinit, an explanation of the circumstances.   | O 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.           |   |
| 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 ❷ No  |
| 42b. What administration has licensed or is in the process of licensing the space station? If no license will be iss coordinated or is in the process of coordinating the space station? U.S.  | ued, what administration has                      |
| 43. Description. (Summarize the nature of the application and the services to be provided). Televisa is a televise Mexico City which uses these facilities to cover sporting events in the U.S. for transmission to  | 1 0   |
| 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.   | <b>⊗</b> 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.   | O <sub>B</sub>                                    |

| 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.  |

 $\circ_{C}$ 

#### 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  | t to applicable response. | .)  |                                 |
|---|---------------------------|---|---------------------------------|
| O Individual O Unincorporated Association O Partnership O Corporation                           |                           |   |                                 |
| Other (please specify)  |                           |   |                                 |
| 45. Name of Person Signing William Aquirre Ballesteros  |                           | 46. Title of Person Sign<br>General Satellite D |                                 |
| 47. Please supply any need attachments.   |                           |   |                                 |
| Attachment 1:   | Attachment 2:             |   | Attachment 3:                   |
| WILLFUL FALSE STATEMENTS MA<br>(U.S. Code, Title 18, Section 1<br>(U.S. Code, Title 47, Section | 001), AND/OR REVO         | CATION OF ANY ST                                | ATION AUTHORIZATION             |
|   |                           | TION AUTHOR nical and Operat                    | IZATIONS<br>tional Description) |
|   | FOR OFFICIA               | AL USE ONLY                                     |                                 |
| Location of Earth Station Site E1: Site Identifier: CONUS                                       |                           | E5. Call Sign:                                  | NEW                             |

E2: Contact Name William Aquirre Ballesteros E6. Phone Number: 525552247161

E3. Street: 1001 Russell Street E7. City: Multiple

E8. County: Seattle

E4. State WA E9. Zip Code 98134

E10. Area of Operation: CENTURYLINK FIELD STADIUM

E11. Latitude: 47 ° 35 ' 44.07 " N

E12. Longitude: 122 ° 19 ' 53.54 " W

E13. Lat/Lon Coordinates are: NAD-27 NAD-83 NAD-83

E14. Site Elevation (AMSL): 5.0 meters

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two-degree spacing policy.

● Yes ONO ON/A

E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed

| Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's qualification measurements?  | o <sub>Yes</sub> | o <sub>No</sub> • <sub>N/A</sub> |
|--|------------------|----------------------------------|
| E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the control point.   | o Yes            | ● No                             |
| E18. Is frequency coordination required? If YES, attach a frequency coordination report as   | o Yes            | ● No                             |
| E19. Is coordination with another country required? If YES, attach the name of the country (ies) and plot of coordination contours as  | o Yes            | No                               |
| E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION. | o Yes            | ● No                             |

## POINTS OF COMMUNICATION

| Satellite Name:OTHER   OTHER   If you selected OTHER, please enter the following: |                   |  |  |  |
|---|-------------------|--|--|--|
| E21. Common Name: ALSAT   | E22. ITU Name:    |  |  |  |
| E23. Orbit Location:  | E24. Country: USA |  |  |  |

## POINTS OF COMMUNICATION (Destination Points)

| E25. Site Identifier: CONUS |                     |
|-----------------------------|---------------------|
| E26. Common Name:           | E27. Country:Mexico |

## ANTENNA

| Site ID | E28.<br>Antenna Id | E29.<br>Quantity | E30.<br>Manufacturer | E31.<br>Model | E32.<br>Antenna<br>Size | E41/42. Antenna GainTransmint and/or Recieve(dBi atGHz) |
|---------|--------------------|------------------|----------------------|---------------|-------------------------|---|
| CONUS   | TVSA<br>MOB-5      | 1                | NORSAT               | NS-3200       | 1.0                     | 42.0 dBi at 11.85                                       |
|         |                    |                  |                      |               |                         | 42.0 dP; ot 14.15                                       |

| E28.<br>Antenna<br>Id | E33/34. Diameter<br>Minor/Major<br>(meters) | E35. Above Ground Level (meters) |      | E37. Building<br>Height Above<br>Ground Level<br>(meters) | of ontonno | E39. Maximum<br>Antenna Height<br>Above Rooftop<br>(meters) | EIRP for al |
|-----------------------|---|----------------------------------|------|---|------------|---|-------------|
| TVSA<br>MOB-5         | 1.0/1.0                                     | 3.0                              | 18.0 | 10.0  | 200.0      | 1.5   | 64.0        |

## **FREQUENCY**

| E28.<br>Antenna<br>Id       | E43/44.<br>Frequency<br>Bands(MHz)  | E45.<br>T/R<br>Mode                        | E46. Antenna<br>Polarization<br>(H,V,L,R) | E47. Emission<br>Designator | E48. Maximum<br>EIRP per<br>Carrier(dBW) | E49. Maximum ERIP<br>Density per Carrier<br>(dBW/4kHz) |  |  |  |
|-----------------------------|---|--|---|-----------------------------|--|--|--|--|--|
| TVSA<br>MOB-5               | 13750 14500   | Т  | Horizontal and Vertical                   | 20MOG2F                     | 53.77                                    | -21.4  |  |  |  |
| E50. Modu                   | E50. Modulation and Services QPSK-SCPC Digital carrier transmitting video and audio service |  |   |                             |  |  |  |  |  |
| TVSA<br>MOB-5 13750 14500 T |   | Horizontal and Vertical 40M0G2F 56.8 -21.4 |   |                             | -21.4                                    |  |  |  |  |
| E50. Modu                   | E50. Modulation and Services QPSK-SCPC Digital carrier transmitting video and audio service |  |   |                             |  |  |  |  |  |

## FREQUENCY COORDINATION

| E28.    | E51 Cotollita  |           |           | E56. Earth |           | E58. Earth |           | E60. Maximum                          |
|---------|----------------|-----------|-----------|------------|-----------|------------|-----------|---------------------------------------|
| Antenna | E51. Satellite | E52/53.   | Range of  | Station    | Antenna   | Station    | Antenna   | EIRP Density<br>toward the<br>Horizon |
| Id      | Orbit Type     | Frequency | Satellite | Azimuth    | Elevation | Azimuth    | Elevation | toward the                            |
|         |                | Limits    | Arc E/W   | Angle      | Angle     | Angle      | Angle     | Horizon                               |

|               |               | (MHz)          | Limit      | Eastern<br>Limit | Eastern<br>Limit | Western<br>Limit | Western<br>Limit | (dBW/4kHz) |
|---------------|---------------|----------------|------------|------------------|------------------|------------------|------------------|------------|
| TVSA<br>MOB-5 | Geostationary | 13750<br>14500 | 83.0/ 99.2 | 128.0            | 28.0             | 218.0            | 59.0             | 21.4       |

## REMOTE CONTROL POINT LOCATION REMOTE CONTROL POINT LOCATION

| E61. Call Sign  |                                     | E65. Phone Number |                  |
|---|-------------------------------------|-------------------|------------------|
| NOTE: Please enter the callsign of the controlling station, not the calbeing filed. | lsign for which this application is |                   |                  |
| E62. Street Address   |                                     |                   |                  |
| E63. City   | E67. County                         |                   | E66. Zip<br>Code |

## FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 0.25 - 24 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the required data, and completing and reviewing the collection of information. If you have any comments on this burden estimate, or how we can improve the collection and reduce the burden it causes you, please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC 20554. We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them to PRA@fcc.gov. PLEASE DO NOT SEND COMPLETED FORMS TO THIS ADDRESS.

Remember - You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0678.

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.

#### **EXHIBIT 1**

Televisa S.A. de C.V. FCC Form 312 Questions 30-34 February 2014 1 of 1

## **ALIEN OWNERSHIP**

The applicant, Televisa S.A. de C.V., is a Mexican corporation the majority of whose corporate officers and directors are Citizens of the United Mexican States ("Mexico). Televisa is owned by Grupo Televisa, S.A.B. a Mexican Corporation based in Mexico City. Grupo Televisa is owned by public shareholders located worldwide.

Such ownership by non-U.S. entities is not a bar to the grant of a Termporary Fixed Earth Station authorization. Indeed, Bay City Television, Inc., a sister company, also ultimately owned by Grupo Televisa, itself currently holds such authorizations as well as a 325 permit to transmit local news and other programming electronically to Station XETV(TV), Tijuana, B.C., Mexico (File No. 325-RWL-20130430-00001).

Neither Televisa nor Grupo Televisa are representatives of a foreign government.

# Agency Tracking ID:PGC2467474 Authorization Number:261049

## Successful Authorization -- Date Paid: 2/21/14 FILE COPY ONLY!!

| AD INSTRUCTIONS REFULLY BEFORE OCEEDING  FEDERAL COMMUNICATIONS COMMISSION REMITTANCE ADVICE FORM 159 PAGE NO 1 OF 1   |  | APPROVED BY OMB<br>3060-059   |  |
|--|--|---|--|
|  |  |   |  |
|  |  | SPECIAL USE   |  |
|  | FC   | C USE ONLY  |  |
|  |  |   |  |
| SECTION A - Payer Information  | 1  |   |  |
| g by credit card, enter name exactly as it appears on your card)   |  | (3) TOTAL AMOUNT PAID (dollars and cents) <b>\$2315.00</b>  |  |
|  |  |   |  |
|  |  |   |  |
|  |  |   |  |
|  |  |   |  |
|  | (7) STATE  | (8) ZIP CODE  |  |
|  | DC   | 20006-3906  |  |
| ,  | COUNTRY CODE (IF NOT   | IN U.S.A.)  |  |
| US   |  |   |  |
|  |  | UIRED   |  |
| (12) FCC USE ON  | NLY  |   |  |
|  |  |   |  |
|  |  |   |  |
| The state of the s | (1011111)  |   |  |
|  |  |   |  |
|  |  |   |  |
|  |  |   |  |
|  |  |   |  |
|  | (17) STATE   | (18) ZIP CODE   |  |
|  |  | -   |  |
|  | COUNTRY CODE (IF NOT   | IN U.S.A.)  |  |
| STRATION NUMBER (FRN) AND TAX IDENTIFICATI   | ION NUMBER (TIN) REQ   | UIRED   |  |
| (22) FCC USE ON  | NLY  |   |  |
| TION C FOR EACH SERVICE, IF MORE BOXES ARE N   | NEEDED, USE CONTINUA   | ATION SHEET   |  |
| (24A) Payment Ty   |  | (25A) Quantity  |  |
| (27A) Total Fee  |  | FCC Use Only  |  |
| 00   | \$2315.00  |   |  |
| (29A) FCC CODE 2   | IB2014000306   |   |  |
| · .  |  |   |  |
| (24B) Payment Ty   | pe Code(PTC)   | (25B) Quantity  |  |
| (27D) Table 1 Fac  |  | EGGIL O 1   |  |
| (27B) Total Fee  |  | FCC Use Only  |  |
|  | REMITTANCE ADVICE FORM 159 PAGE NO 1 OF 1  SECTION A - Payer Information name exactly as it appears on your card)  DING AREA CODE)  STRATION NUMBER (FRN) AND TAX IDENTIFICAT (12) FCC USE ON R NAME AND THE APPLICANT NAME ARE DIFFER MORE THAN ONE APPLICANT, USE CONTINUATION  DING AREA CODE)  STRATION NUMBER (FRN) AND TAX IDENTIFICAT (22) FCC USE ON  CION C FOR EACH SERVICE, IF MORE BOXES ARE IN (24A) Payment Ty (27A) Total Fee  (24B) Payment Ty | REMITTANCE ADVICE FORM 159 PAGE NO 1 OF 1  SECTION A - Payer Information  (3) TOT. \$2315.  (7) STATE DC  DING AREA CODE)  (10) COUNTRY CODE (IF NOT US  STRATION NUMBER (FRN) AND TAX IDENTIFICATION NUMBER (TIN) REQ  (12) FCC USE ONLY  R NAME AND THE APPLICANT NAME ARE DIFFERENT, COMPLETE SECTIMORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C)  (17) STATE  (17) STATE |  |