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File Number: SES-AMD-INTR2013-01586

FCC APPLICATION FOR SPACE AND EARTH STATION:MOD OR AMD - MAIN FORM

FCC Use Only

FCC 312 MAIN FORM FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu: AMENDMENT to Televisa SA de CV - Mobile 1 Application

1-8. Legal I	Name of Applicant								
Name:	TELEVISA, SA de CV			Phone Number:	2028281860				
DBA Name:				Fax Number:	2029555564				
Street:	800 17TH STREET NW	, STE 1100		E-Mail:	NORM.LEVENTHAL@HKLAW.COM				
City:	WASHINGTON			State:					
Country:	USA			Zipcode:	-				
Attention:	NORMAN LEVENTHA	L ESO							
	e of Contact Representative								
Name:	NORM LEVENTHAL		Phone	Number:	2028281860				
Company:	HOLLAND & KNIGHT	LLP	Fax N	umber:	2029555564				
Street:	800 17TH STREET, N.V	N.	E-Mai	1:	NORM.LEVENTHAL@HKLAW.COM				
	SUITE 1100								
City:	WASHINGTON		State:		DC				
Country:	USA		Zipcoo	de:	20006-3906				
Attention:	NORM LEVENTHAL		Relation	onship:	Legal Counsel				
CLASSIF	TICATION OF FILING								
for 17a and only one for 17b. a1. Earth Station a2. Space Station b3. Amend b4. Modifid b5. Assignmen b6. Transfer of b7. Notifica (N/A) b8. App Satellite (N/A) b9. Letto States (N/A) b10. Oth (N/A) b11. App to Provide the (N/A) b12. Ap b13. Amen			lication i ment to cation of t of Lice Control ation of lication er of Inte plication Propose plication dment to	for Registr a Pending CLicense o ense or Reg of License Minor Moo for License ent to Use I se specify) a for Earth d Service i a for Datab	ation of New Domestic Receive-Only Station Application r Registration sistration e or Registration dification e of New Receive-Only Station Using Non-U.S. Licensed Non-U.S. Licensed Satellite to Provide Service in the United Station to Access a Non-U.S.satellite Not Currently Authorized n the Proposed Frequencies in the United States ase Entry g Database Entry Application				

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).

• Governmental Entity • Noncommercial educational licensee

0	Other(please	expl	lain):
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17d.							
Fee Classification CGB - Mobile Satellite Earth Stations							
18. If this filing is in reference to an existing station, enter: 19. If this filing is an amendment to a pending application enter both fields, if this filing is a modification please enter only the file number:							
(a) Call sign of station:	(a) Date pending application was filed:	(b) File number:					
	07/15/2013	SESLIC2013071500587					
TYPE OF SERVICE							
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:							

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 applicable status. Choose only one.
 22. If earth station applicant, check all that apply.

 Image: Choose only one.
 Image: Choose only one.

Common Carrier
 Non-Common Carrier
 Using Non-U.S. licensed satellites

23. If applicant is providing INTERNATIONAL COMMON CARRIER service, see instructions regarding Sec. 214 filings. Choose one. Are these facilities:

• Connected to a Public Switched Network • Not connected to a Public Switched Network • N/A

24. FREQUENCY BAND(S): Place an 'X' in the box(es) next to all applicable frequency band(s).

🛛 a. C-Band (4/6 GHz) 🗖 b. Ku-Band (12/14 GHz)

c.Other (Please specify upper and lower frequencies in MHz.)

Frequency Lower: Frequency Upper: (Please specify additional frequencies in an attachment)

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 propo	sed modification	n is to: (Place a	an 'X' in the	box(es) next t	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	
1					

 \Box g -- authorization to change frequency(ies)

h -- authorization to add frequency

i -- authorization to add Points of Communication (satellites & countries)

 \Box j -- authorization to change Points of Communication (satellites & countries)

 \square k -- authorization for facilities for which environmental assessment and

radiation hazard reporting is required

- 1 -- authorization to change orbit location
- **m** -- authorization to perform fleet management
- \square n -- authorization to extend milestones
- \Box o -- Other (Please specify)

vote.

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	O Yes ⊗ No
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. <u>A</u> Radiation Hazard Study must accompany all applications for new transmitting facilities, major modifications, or	Radiation Hazard
major amendments.	Exh

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} ◇ _{No} ◇ _{N/A}
31. Is the applicant a corporation organized under the laws of any foreign government?	⊗ _{Yes} O _{No} O _{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?	● Yes ○ No ○ 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	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.	O _{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 explination of circumstances.	O _{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	O 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 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. <i>See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes.</i>	● Yes ^O 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.	O _{Yes} ● _{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 telev Mexico City which uses these facilities to cover sporting events in the U.S. for transmission to	
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.	О _В
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.	о _с

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

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h

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

45. Name of Person Signing William Aquirre Ballesteros 46. Title of Person Signing General Satellite Director of Televisa ıL

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).

SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 - Schedule B:(Technical and Operational Description)

FOR OFFICIAL USE ONLY

Location of	Earth Station	Site											
E1: Site Iden	ntifier:	CONUS				E5.	Call S	ign:		NEW			
E2: Contact	Name	William A	Aguirre Bal	llesteros		E6.	Phone	Number:		5255522	47161		
E3. Street:		1001 Russ	sell Street			E7.	City:			Multiple	•		
						E8.	Count	y:		Baltimo	re		
E4. State		MD				E9.	Zip C	ode		21230			
E10. Area o	f Operation:					Mð	kT Ba	ank Stadi	ium				
E11. Latitud	le:	0 ° 0 ' 0.0	"										
E12. Longitude: $0 \circ 0' 0.0''$													
									o _{NAD} .	-83		N/A	
E14. Site El	evation (AMS	SL):					meter				00		19/22
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. 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(a) and (b) as demonstrated by the menufacturer's qualification measurement? If NO, provide as a technical analysis showing compliance with two-degree spacing policy. E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in the Fixed Satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.200(a2) and (b) as demonstrated by the menufacturer's qualification													
gain patterns measuremen	s specified in S ts?	Section 25.20	9(a2) and (b) as demon	strated by	y the ma	nufact	turer's qual	ification	l	• Yes •	NO	♥ N/A
E17. Is the fa point.	acility operate	d by remote	control? If Y	'ES, provide	e the loca	ation and	d telep	hone num	ber of th	e control	• Yes	۲	No
E18. Is fre BAND CE	quency coo	rdination r	equired? If	f YES, att	ach a fi	requen	cy co	ordinatio	n repoi	rt as C	• Yes	۲	No
	ordination w lot of coord		•	required?	If YES	, attacł	the 1	name of t	the cou	ntry	• Yes	۲	No
notificatio the FAA's FAILURF	Notification on is requir study rega E TO COM OF THIS	ed, have y arding the PLY WIT	ou attache potential H 47 CFF	ed a copy hazard o	of a co f the st	omplet ructur	ed F(re to a	CC Forn aviation	n 854 a ?	nd/or	o Yes	۲	No
	COMMUNI												
Satellite N	lame:OTHE	R OTHE	R If you s	selected C	THER	. pleas	e ente	r the foll	owing				
	mon Name:	•				, <u>r</u>		E22. IT	U				
E23. Orbit		ALSAT											
								E24. Co	unuy.	USA			
I	COMMUNI		resultation P	Points)									
										•			
	mon Name:	ALSAT					E27	7. Countr	y: Mex	(100			
ANTENNA					1				D 44 /	<u> </u>			• .
Site ID A	E28. Antenna Id	E29. Quantity		30. facturer	E31. N	Model	An	E32. Itenna Size		42. Ante nd/or R 	enna Gain ecieve(GHz)	dB	nsmint i at
	TVSA- Aobil	1	Vertex		Vertex M SM		2.4		38.1 d	Bi at 3.9	5		
	TVSA- ⁄Iobil	1	Vertex		Vertex M SM		2.4		42.0 d	Bi at 61'	75		
E28. Antenna Id	E33/3 Diame Minor/M (meter	ter (Iajor	85. Above Ground Level meters)	E36. Above S Level (meters	ea He Gr	7. Buil ight A ound I (meter	bove Level	Input I	Power enna	Antenn Above	laximum 1a Height Rooftop eters)	EIR ca). Total P for al rriers 1BW)

						(Wat	tts)						
TVSA- Mobil	2.4/2.4	6.149	0.0	0.0	3	50.0		10.0		6	7.44		
FREQUEN	CY												
E28. Antenna Id	E43/44. Frequenc Bands(MF		E46. Antenna Polarization (H,V,L,R)	E47. Emis Designa		E48. Maximum EIRP per Carrier (dBW)							
TVSA- Mobil	3700 4200	R	Horizontal and Vertical	36M0G7W	V	0.0		0.0					
E50. Mod (NS3, DV		vices Modul	lation and Services	SCPC Digit	al cai	rrier tra	nsmitti	ing vi	deo and au	dio	service		
TVSA- Mobil	3700 4200	R	Horizontal and Vertical	4M00G7W	V	0.0			0.0				
E50. Mod (NS3, DV		vices Modu	lation and Services	SCPC Digit	al cai	rrier tra	nsmitti	ing vi	deo and au	dio	service		
TVSA- Mobil	5925 6425	Т	Horizontal and Vertical	36M0G7W	V	65.0			25.4				
E50. Mod (NS3, DV		vices Modu	lation and Services	SCPC Digit	al cai	rrier tra	nsmitti	ing vi	deo and au	dio	service		
TVSA- Mobil	5925 6425	Т	Horizontal and Vertical	4M00G7W	4M00G7W 6		61.5		31.5				
E50. Mod (NS3, DV		vices Modu	lation and Services	SCPC Digit	al cai	rrier tra	nsmitti	ing vi	deo and au	dio	service		
FREQUEN	CY COORDINA	TION											
E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits (MHz)	E54/55. Range of Satellite Arc Eastern/Western Limit	Station Azimuth	Ant Elev At Eas	257. tenna vation ngle stern imit	tenna vation ngle stern mit		7. Earth nna Station H ition Azimuth gle Angle ern Western		E59. Antenna Elevation Angle Western Limit	EII to]	E60. Iaximum RP Density ward the Horizon 3W/4kHz)
TVSA- Mobil	Geostationary	3700 4200	74.0/139.0	0.0	5.0		0.0	4	5.0 0		0.0		
	Geostationary	5925 6425	74.0/139.0	0.0	5.0		0.0	4	5.0	-1.0)		
REMOTE (CONTROL POIN	T LOCATIO	N					-1					
E63. City				E68. Count	E68. County			E67/68. E64. Zip State/Country Code					

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