Date & Time Filed: Dec 18 2013 9:58:16:406AM File Number: SES-MOD-INTR2013-02855

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: E950058 Application to Add Digital Emmissions Designator

E930038 Application	to Aud Digital Ellillissions i	Designator	
1–8. Legal Name of Ap	plicant		
Name:	Disney Channel	Phone Number:	818-973-4038
DBA Name:		Fax Number:	818–569–7731
Street:	3800 W. Alameda Ave.	E-Mail:	Ben.Hunley@Disney.com
City:	Burbank	State:	CA
Country:	USA	Zipcode:	91505 –
Attention:	Mr Robert B Hunley		

9–16. Name of Contact Representative

Name: Tom W. Davidson Phone Number: 202–887–4011

**Company:** Akin Gump Strauss Hauer & Feld **Fax Number:** 202–887–4288

LLP

Street: 1333 New Hampshire Ave., NW E-Mail: tdavidson@akingump.com

City: Washington State: DC

Country: USA Zipcode: 20036–

Attention: Relationship: Legal Counsel

**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.	(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
a1. Earth Station a2. Space Station	<ul> <li>b4. Modification of License or Registration</li> <li>b5. Assignment of License or Registration</li> <li>b6. Transfer of Control of License or Registration</li> <li>b7. Notification of Minor Modification</li> <li>(N/A) b8. Application for License of New Receive—Only Station Using Non—U.S. Licensed Satellite</li> <li>(N/A) b9. Letter of Intent to Use Non—U.S. Licensed Satellite to Provide Service in the United States</li> <li>(N/A) b10. Other (Please specify)</li> <li>(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</li> <li>(N/A) b12. Application for Database Entry</li> <li>b13. Amendment to a Pending Database Entry Application</li> <li>b14. Modification of Database Entry</li> </ul>
17c. Is a fee submitted with this application of the submitted with th	159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114).
17d.  Fee Classification CGX – Fixed Satellite T Station	Transmit/Receive Earth

18. If this filing is in reference to an existing station, enter:	19. If this filing is an amen modification please enter of		application enter both fields, if this filing is a
(a) Call sign of station:	(a) Date pending application	on was filed:	(b) File number:
E950058			SESRWL2005021700191
			SESKW 22003021700171
TYPE OF SERVICE			
20. NATURE OF SERVICE: This filing is f	For an authorization to provid	e or use the followin	g type(s) of service(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	applicable status. Choose	22. If earth station	applicant, check all that apply.
only one.		Using U.S. lice	
Common Carrier Non–Common	Carrier	l <del></del>	S. licensed satellites

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

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

facilities:

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>b.</b> Temporary–Fixed Earth Station
o c. 12/14 GHz VSAT Network
o 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 & Double
j — authorization to change Points of Communication (satellites & Double of Communication (satellites & Doub
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
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.	Yes No Radiation Studies
ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aerona aeronautical fixed radio station services are not required to respond to Items 30–34.	autical en route or
29. Is the applicant a foreign government or the representative of any foreign government?	O Yes O No

29. Is the applicant a foreign government or the representative of any foreign government?	0	Yes	•	No		
30. Is the applicant an alien or the representative of an alien?	0	Yes	•	No	0	N/A
31. Is the applicant a corporation organized under the laws of any foreign government?	0	Yes	•	No	0	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?	0	Yes	•	No	0	N/A

	<del></del>	
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?	O Yes •	No O 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? If Yes, attach as an exhibit, copies of the requests for waivers or exceptions with supporting documents.	• 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.	• Yes	<b>⊚</b> 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 exhinit, an explanation of the circumstances.	• Yes	<b>⊘</b> 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.	<b>⊚</b> 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.	• Yes	No

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.)

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?

Disney Channel seeks to modify the license (E950058) of their 9.2 and 7 meter, C-band transmit/receive earth stations in Burbank, California. Disney Channel is adding digital emissions to their license and modifying the earth station coordinates to denote North American Datum (NAD) 83 rather than NAD 27. The earth stations will continue to be used 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.	<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 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.	<b>o</b> 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.

Individual		
Unincorporated Association		
Partnership		
Governmental Entity		
Other (please specify)		
45. Name of Person Signing	46. Title of Person Signing	
45. Name of Person Signing Robert S. Witkowski	46. Title of Person Signing VP Technical Services	

### SATELLITE EARTH STATION AUTHORIZATIONS FCC Form 312 – Schedule B:(Technical and Operational Description) FOR OFFICIAL USE ONLY

Location of Earth S	tation Site					
E1: Site Identifier:	Burbank	E5. Call Sign:	E950058			
E2: Contact Name	Ben Hunley	E6. Phone Number:	818-973-4038			
E3. Street:	3800 West Alameda Ave.	E7. City:	Burbank			
		E8. County:	Los Angeles			
E4. State	CA	E9. Zip Code	91505			
E10. Area of Opera	tion:	Burbank, California	ı			
E11. Latitude:	34 °9 '13.0 "N					
E12. Longitude:	118 °20 '29.3 "W					
E13. Lat/Lon Coord	dinates are:	O NAD-27	<b>●</b> NAD-83	O N/A		
E14. Site Elevation	(AMSL):	164.6 meters				
l						

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 Set Satellite Service (FSS) with non–geostationary satellites, do(es) the progain patterns specified in Section 25.209(a2) and (b) as demonstrated by measurements?	O Yes	O No	<b>⊚</b> N/A	
E17. Is the facility operated by remote control? If YES, provide the loca point.	ation and telephone number of the control	O Yes	•	No
E18. Is frequency coordination required? If YES, attach a frequency coordination	ordination report as Freq. Coord. Reports	Yes	0	No
E19. Is coordination with another country required? If YES, attach the coordination contours as	name of the country(ies) and plot of	O Yes	•	No
E20. FAA Notification – (See 47 CFR Part 17 and 47 CFR part 25.1 have you attached a copy of a completed FCC Form 854 and/or the FAZ the structure to aviation? FAA Statement FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL APPLICATION.	A's study regarding the potential hazard of	O Yes	•	No
POINTS OF COMMUNICATION		1		
Satellite Name: ALSAT   ALL AUTHORIZED U.S.   ALSAT   If you s	selected OTHER, please enter the following:			
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
POINTS OF COMMUNICATION (Destination Points)				
E25. Site Identifier:				

E26. Common Name:	E27. Country:
-------------------	---------------

# ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size <meters></meters>	E41/42. Antenna Gain Transmint and/or Recieve (dBi atGHz)
Burbank	C1	1	RSI	920CS	9.2	50.1 dBi at 3.950
Burbank	C1	1	RSI	920CS	9.2	53.6 dBi at 6.175
Burbank	C2	1	RSI	700CS	7.0	47.0 dBi at 3.950
Burbank	C2	1	RSI	700CS	7.0	51.1 dBi at 6.175

Id	Diameter	E35. Above Ground Level (meters)	` ′	Height Above Ground Level	Input Power at	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
C1	0.0/0.0	9.9	174.5	0.0	550.0	0.0	81.0
C2	0.0/0.0	9.9	174.5	0.0	500.0	0.0	78.1

# FREQUENCY

					E49. Maximum
Frequency Bands (MHz)	1/K  viode	Polarization(H,V, L,R)	Designator	EIRP per Carrier (dBW)	Carrier
		(2,11)		()	(dBW/4kHz)

C1	3700.0 4200.0	R	Horizontal and Vertical	36M0G7W	0.0	0.0
E50. Modulation entirety.)	and Services (If the	ne complete descripti	on does not appear i	in this box, please go	to the end of the form	to view it in its
36M0G7W						
C1	3700.0 4200.0	R	Horizontal and Vertical	2M00G7W	0.0	0.0
entirety.)  Digital Vi	deo and Audio					
C1	5925.0 6425.0	Т	Horizontal and Vertical	2M00G7W	77.9	50.9
E50. Modulation entirety.)  Digital Vi	and Services (If the deo and Audio	ne complete descripti	on does not appear i	in this box, please go	to the end of the form	to view it in its

C1	5925.0 6425.0	T	Horizontal and Vertical	36M0G7W	78.0	38.5
E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear	in this box, please go	o to the end of the	e form to view it in its
Digital Vi	deo and Audio					
C2	3700.0 4200.0	R	Horizontal and Vertical	2M00G7W	0.0	0.0
entirety.)  Digital Vi	deo and Audio					
C2	3700.0 4200.0	R	Horizontal and Vertical	36M0G7W	0.0	0.0
E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear	in this box, please go	o to the end of the	e form to view it in its
Digital Vi	deo and Audio					

C2	5925.0 6425.0	Т	Horizontal and Vertical	2M00G7W	75.4	48.4
E50. Modulation entirety.)	and Services (If the	ne complete description	on does not appear in	this box, please go to	the end of the form	to view it in its
Digital Vi	deo and Audio					
C2	5925.0 6425.0	Т	Horizontal and Vertical	36M0G7W	78.0	38.5
E50. Modulation entirety.)  Digital Vi	and Services (If the	ne complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its

# FREQUENCY COORDINATION

E28.	E51. Satellite	E52/53.	E54/55.	E56. Earth	E57.	E58. Earth	E59.	E60.
Antenna Id	Orbit Type	Frequency	Range of	Station	Antenna	Station	Antenna	Maximum
		Limits(MHz)	Satellite Arc	Azimuth	Elevation	Azimuth	Elevation	EIRP Density
			Eastern/West	Angle	Angle	Angle	Angle	toward the
			ern Limit	Eastern Limit	Eastern Limit	Western	Western	Horizon
						Limit	Limit	(dBW/4kHz)
			/					

REMOTE CONTROL POINT LOCATION

E61. Call Sign		E66. Phone Number		
NOTE: Please enter the callsign of the contro callsign for which this application is being filed.				
E62. Street Address				
E63. City	E68. County		E67/68. State/Country	E64. Zip Code

### FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

The public reporting for this collection of information is estimated to average 2 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.

### 43. Description. (Summarize the nature of the application and the services to be provided).

Disney Channel seeks to modify the license (E950058) of their 9.2 and 7 meter, C-band transmit/receive earth stations in Burbank, California. Disney Channel is adding digital emissions to their license and modifying the earth station coordinates to denote North American Datum (NAD) 83 rather than NAD 27. The earth stations will continue to be used to provide programming and broadcast services associated with Disney Channel projects and operations.