Date & Time Filed: Nov 1 2007 1:43:23:613PM File Number: SES-MFS-20071101-01487

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:

Modification of E000584

runie or ripr	plicant		
Name:	ABS-CBN International, Inc.	Phone Number:	650-508-6011
DBA Name:		Fax Number:	650-551-1060
Street:	150 Shoreline Drive	E–Mail:	
City:	Redwood City	State:	CA
Country:	USA	Zipcode:	94065 -1400
Attention:	Mr Rafael Lopez		

9–16. Name of Contact Representative

Name: ABS-CBN International, Inc. **Phone Number:** 650–508–6679

Company: Fax Number: 510–525–6927

Street: 150 Shoreline Drive E-Mail: ejohnson@abs-cbni.com

City: Redwood City State: CA

Country: USA **Zipcode:** 94065–1400

Attention: S. Edmund Johnson **Relationship:** Engineer

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

b 3. 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

b 13. Amendment to a Pending Database Entry Application

b14. Modification of Database Entry

•	159. If No, indicate reason for fee exemption (se	ee 47 C.F.R.Section 1.1114).
Ofther(please explain):	ercial educational licensee	
17d.		
Fee Classification CGX – Fixed Satellite Station	Γransmit/Receive Earth	
18. If this filing is in reference to an existing station, enter:	19. If this filing is an amendment to a pending a modification please enter only the file number:	pplication enter both fields, if this filing is a
(a) Call sign of station:	(a) Date pending application was filed:	(b) File number:
E000584		SESLIC2000083101598

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:
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
only one. Using U.S. licensed satellites
Common Carrier Wing 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 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 & mp; countries)
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

under the laws of a foreign country?

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.		,	•				
ALIEN OWNERSHIP Earth station applicants not proposing to provide broadcast, common carrier, aeror aeronautical fixed radio station services are not required to respond to Items 30–34.	autio	cal e	n ro	ute (or		
29. Is the applicant a foreign government or the representative of any foreign government?	0	Yes	. 6	N	0		
30. Is the applicant an alien or the representative of an alien?	0	Yes	· •	N	° C	N/A	4
31. Is the applicant a corporation organized under the laws of any foreign government?	0	Yes	· •	N	о С	N/A	A
32. Is the applicant a corporation of which more than one–fifth of the capital stock is owned of record or voted by	•	Yes		N	· ·	N/A	<u> </u>

O Yes No

28. Would a Commission grant of any proposal in this application or amendment have a significant environmental

aliens or their representatives or by a foreign government or representative thereof or by any corporation organized

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 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.	Exhibit A	
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
	Exhibit B	
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 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 Exhibit E	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 Exhibit F	⊚ 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.	Exhibit G	

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	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 issued, we coordinated or is in the process of coordinating the space station?	/hat administr	ration has

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.)

This application deletes an unrequired existing 13 meter C band antenna, relocates the earth station coordinates, and relicenses an existing 11 meter C band antenna and an existing 7.6 meter Ku band antenna whose license inadvertently lapsed due the licensee's administrative oversight. Additionally this application corrects the address of the earth

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.	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.	o c

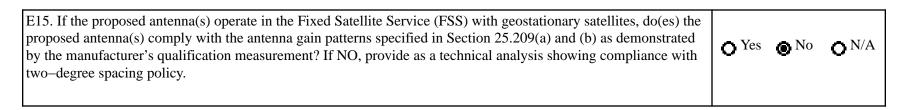
CERTIFICATION

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		
O Unincorporated Association		
Partnership		
Corporation		
Governmental Entity		
Other (please specify)		
45. Name of Person Signing	46. Title of Person Signing	
45. Name of Person Signing Rafael Lopez	46. Title of Person Signing Chief Operating Officer	

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:	1	E5. Call Sign:	E000584		
E2: Contact Name	S. Edmund Johnson	E6. Phone Number:	510-525-6488		
E3. Street:	2301 Columbia Blvd.	E7. City:	Richmond		
		E8. County:	Contra Costa		
E4. State	CA	E9. Zip Code	94804		
E10. Area of Opera	tion:	Richmond, CA			
E11. Latitude:	37 °54 '16.0 "N				
E12. Longitude:	122 °18 '59.0 "W				
E13. Lat/Lon Coord	dinates are:	O NAD-27	● NAD-83	O N/A	
E14. Site Elevation	(AMSL):	5.4 meters			



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 b measurements?	O Yes	O No	● 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 Exhibit D	⊚ 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 FAI the structure to aviation? 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		<u>'</u>		
Satellite Name: PANAMSAT 5 PANAMSAT 5 194 W.L. If you sel	ected OTHER, please enter the following:			
E21. Common Name:	E22. ITU Name:			
E23. Orbit Location:	E24. Country:			
Satellite Name: INTELSAT POR 174.0 E.L. If you selected OTHI	ER, please enter the following:			

E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: INTELSAT POR 180.0 E.L. If you selected OTHE	R, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: ALSAT ALL AUTHORIZED U.S. ALSAT If you so	elected OTHER, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: PAS-4 PANAMSAT-4 191.0 W.L. If you selected	OTHER, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: INTELSAT POR 176.0 E.L. If you selected OTHE	R, please enter the following:
E21. Common Name:	E22. ITU Name:
E23. Orbit Location:	E24. Country:
Satellite Name: NSS-5 NSS-5 183 E.L. If you selected OTHER, p.	lease 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:
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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)
1	1	1	Vertex	11KPC	11.0	51.9 dBi at 4.0000
1	1	1	Vertex	11KPC	11.0	55.4 dBi at 6.0000
1	2	1	Andrew	ES76K-1	7.6	57.8 dBi at 11.9500
1	2	1	Andrew	ES76K-1	7.6	59.3 dBi at 14.2500

Id	Diameter		, ,	Height Above Ground Level	Input Power at antenna flange	E39. Maximum Antenna Height Above Rooftop (meters)	EIRP for al
1	1.2/11.0	12.0	17.4	0.0	1000.0	0.0	85.4
2	1.4/7.6	9.3	14.7	0.0	1000.0	0.0	89.3

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization(H,V, L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
1	5925.0000 6425.0000	Т	Linear and Circular	20M5D7W	79.4	42.3
E50. Modulation entirety.)	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
1	5925.0000 6425.0000	Т	Linear and Circular	35M9G7W	79.4	39.9
E50. Modulation entirety.)	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
1	5925.0000 6425.0000	Т	Linear and Circular	618KD7W-	74.3	52.4

E50. Modulation entirety.)	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
16 QAM						
1	5925.0000 6425.0000	Т	Linear and Circular	54K6G7W-	61.1	49.7
E50. Modulation entirety.)	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
1	5925.0000 6425.0000	Т	Linear and Circular	36M0F8F	79.4	52.4
E50. Modulation entirety.) ANALOG TV	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
1	5925.0000 6425.0000	Т	Linear and Circular	18M0F8F-	79.4	52.4

E50. Modulation entirety.)	and Services (If t	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
ANALOG TV						
1	5925.0000 6425.0000	Т	Linear and Circular	9M00G1F	79.4	45.9
E50. Modulation entirety.) DIGITAL TV		he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
1	5925.0000 6425.0000	Т	Linear and Circular	200KF3E	63.9	52.4
E50. Modulation entirety.) SCPC AUDIO	,	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its
1	5925.0000 6425.0000	Т	Linear and Circular	38K4G7E	59.5	49.7

E50. Modulatio entirety.)	n 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		
DIGITAL A	UDIO							
1	5925.0000 6425.0000	Т	Linear and Circular	24M0G7G	79.4	41.6		
E50. Modulatio entirety.)	n 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		
MCPC DIGI	TAL TV							
1	3700.0000 4200.0000	R	Linear and Circular		0.0	0.0		
E50. Modulatio entirety.)	n 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		
ANALOG & DIGITAL TV, SCPC AUDIO FM, DIGITAL, 16 QAM								
2	14000.0000 14500.0000	Т	Horizontal and Vertical	38K4G7W	55.12	45.3		

E50. Modulation	and Services (If the	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its			
entirety.) DIGITAL AU	DIO								
2	14000.0000 14500.0000	Т	Horizontal and Vertical	36M0G7F	84.84	45.3			
E50. Modulation entirety.) MCPC DIGIT	`	he complete description	on does not appear in	this box, please go to	o the end of the form	to view it in its			
2	14000.0000 14500.0000	Т	Horizontal and Vertical	9M00G1F	78.82	45.3			
E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) SCPC DIGITAL VIDEO									
2	14000.0000 14500.0000	Т	Horizontal and Vertical	20M3D7W	82.35	45.3			

E50. Modula entirety.)	E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its irety.)					
16 QAM	DIGITAL DATA					
2	14000.0000 14500.0000	Т	Horizontal and Vertical	2M00G1F-	72.29	45.3
E50. Modula entirety.)	ation and Services (If the complete des	scription does not appear	in this box, please g	go to the end of th	e form to view it in its
SCPC DI	GITAL VIDEO					
2	14000.0000 14500.0000	Т	Horizontal and Vertical	6M00G7F-	77.06	45.3
E50. Modula entirety.)	ation and Services (If the complete des	scription does not appear	in this box, please g	go to the end of th	e form to view it in its
MCPC DI	GITAL VIDEO					
2	14000.0000 14500.0000	Т	Horizontal and Vertical	618KD7W-	67.19	45.3

E50. Modulation entirety.)	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			
16 QAM DIC	SITAL DATA								
2	14000.0000 14500.0000	Т	Horizontal and Vertical	36M0F8F	86.3	59.3			
E50. Modulation entirety.)	E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)								
FM ANALOG VIDEO/AUDIO									
2	14000.0000 14500.0000	Т	Horizontal and Vertical	18M0F8F-	86.3	59.3			
E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)									
FM ANALOG VIDEO/AUDIO									
2	14000.0000 14500.0000	Т	Horizontal and Vertical	35M9G7W	84.83	45.3			

E50. Modulation entirety.)	and Services (If t	he complete descripti	on does not appear	in this box, please g	go to the end of th	ne form to view it in its	
QPSK, 8PSK	, DIGITAL DATA	A					
2	14000.0000 14500.0000	Т	Horizontal and Vertical	54K6G7W-	56.65	45.3	
entirety.) QPSK, 8PSK, DIGITAL DATA							
2	11700.0000 12200.0000	R	Horizontal and Vertical		0.0	0.0	
E50. Modulation and Services (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) DIGITAL AUDIO, 16 QAM DIGITAL DATA, FM ANALOG VIDEO/AUDIO, QPSK, 8PSK, DIGITAL DATA, SCPC DIGITAL VIDEO, MCPC DIGITAL VIDEO							

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc Eastern/West ern Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
1	Geostationary	3700.0000 4200.0000	50.0/194.0	101.1	5.2	258.5	5.7	0.0
	Geostationary	5925.0000 6425.0000	50.0/194.0	101.1	5.2	258.5	5.7	10.3
2	Geostationary	11700.0000 12200.0000	50.0/194.0	101.1	5.2	258.5	5.7	0.0
	Geostationary	14000.0000 14500.0000	50.0/194.0	101.1	5.2	258.5	5.7	13.1

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 jboley@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).

This application deletes an unrequired existing 13 meter C band antenna, relocates the earth station coordinates, and relicenses an existing 11 meter C band antenna and an existing 7.6 meter Ku band antenna whose license inadvertently lapsed due the licensee's administrative oversight. Additionally this application corrects the address of the earth station site.