

October 5, 2021

**Via IBFS**

Marlene H. Dortch, Secretary  
Federal Communications Commission  
45 L Street NE  
Washington, DC 20554

**Re: Anuvu Licensing Holdings LLC, IBFS File No. SES-MOD-20170908-00994,  
as amended by SES-AMD-20181003-03223 (Call Sign E160163)**

Dear Ms. Dortch:

Transmitted herewith on behalf of Anuvu Licensing Holdings LLC (“Anuvu”) is a mark-up proposing revisions to the draft authorization implementing the modified license originally requested in the above-referenced application files. A significant portion of the authority initially requested by Anuvu’s predecessor in interest, MTN License Corp., included the use of specific extended Ku-band frequencies coordinated for use on the Intelsat 29e satellite at the nominal 50° West longitude orbital location. As that satellite was declared a total loss 18 months ago, much of the spectrum use originally sought is no longer required, and the attached proposed revisions limit the revisions to the license to those that remain necessary in the wake of the loss of Intelsat 29e.

Should there be any questions regarding this matter, please contact the undersigned counsel.

Respectfully submitted,

*s/ David S. Keir*

David S. Keir

*Counsel to Anuvu Licensing Holdings LLC*

Attachment

cc: Trang Nguyen

**ATTACHMENT**

Anuvu Licensing Holdings LLC  
Proposed Edits to Draft Radio Station Authorization  
FCC File Number: SES-MOD-20170908-00994  
Call Sign: E160163



**UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
RADIO STATION AUTHORIZATION**

Anuvu Licensing Holdings LLC

Call Sign: E160163

**Authorization Type:** Modification of License  
Non Common Carrier

**File Number:** SES-MOD-20170908-00994

**Grant date:**

**Expiration Date:** 12/07/2031

**Nature of Service:** Fixed Satellite Service

**Class of Station:** Fixed Earth Stations

**A) Site Location(s)**

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
1)	1	200 Telegraph Hill Road Holmdel, Monmouth, NJ 07733	40°23'42.0"N	74°10'24.0"W	104.27	83
Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209						
2)	1A	200 Telegraph Hill Road Holmdel, Monmouth, NJ 07733	40°23'42.0"N	74°10'24.0"W	104.27	83
Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209						

*Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning December 7, 2016 (3 AM Eastern Standard Time) and ending December 7, 2031 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is 00/00/0000. Grantee must file with the Commission a certification upon completion of construction and commencement of operation.*

**B) Particulars of Operations**

The General Provision 1010 applies to all receiving frequency bands.  
The General Provision 1900 applies to all transmitting frequency bands.  
For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	14000.0000-14500.0000	H,V	36M0G7D	Tx	85.78	46.23	HOLM9.0 II		Digital Data
2)	14000.0000-14500.0000	H,V	36M0G7W	Tx	85.78	46.23	HOLM9.0 II		Digital Data
<del>3)</del>	<del>13750.0000-14000.0000</del>	<del>H,V,L,R</del>	<del>50K0G7W</del>	<del>Tx</del>	<del>53.00</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>4)</del>	<del>13750.0000-14000.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>71.00</del>	<del>31.00</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>5)</del>	<del>13750.0000-14000.0000</del>	<del>H,V,L,R</del>	<del>50K0G7W</del>	<del>Tx</del>	<del>53.00</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>



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#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
<del>6)</del>	<del>13251.0000-13750.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>7)</del>	<del>13251.0000-13750.0000</del>	<del>H,V</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>8)</del>	<del>13176.0000-13223.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>9)</del>	<del>13176.0000-13223.0000</del>	<del>H,V,L,R</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>10)</del>	<del>13176.0000-13223.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>11)</del>	<del>13176.0000-13223.0000</del>	<del>H,V</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>12)</del>	<del>13126.0000-13148.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>13)</del>	<del>13126.0000-13148.0000</del>	<del>H,V,L,R</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>14)</del>	<del>13126.0000-13148.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>15)</del>	<del>13126.0000-13148.0000</del>	<del>H,V</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>16)</del>	<del>13001.0000-13098.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>17)</del>	<del>13001.0000-13098.0000</del>	<del>H,V,L,R</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>18)</del>	<del>13001.0000-13098.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>19)</del>	<del>13001.0000-13098.0000</del>	<del>H,V</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>20)</del>	<del>12851.0000-12973.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>21)</del>	<del>12851.0000-12973.0000</del>	<del>H,V,L,R</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>22)</del>	<del>12851.0000-12973.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>23)</del>	<del>12851.0000-12973.0000</del>	<del>H,V</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>24)</del>	<del>12750.0000-12823.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>25)</del>	<del>12750.0000-12823.0000</del>	<del>H,V,L,R</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital</del>
<del>26)</del>	<del>12750.0000-12823.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>27)</del>	<del>12750.0000-12823.0000</del>	<del>H,V</del>	<del>58K0G7W</del>	<del>Tx</del>	<del>66.30</del>	<del>42.30</del>	<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>28)</del>	<del>12200.0000-12500.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital</del>
<del>29)</del>	<del>12200.0000-12500.0000</del>	<del>H,V,L,R</del>	<del>58K0G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital</del>



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Anuvu Licensing Holdings LLC

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**File Number:** SES-MOD-20170908-00994

**Grant date:**

**Expiration Date:** 12/07/2031

**B) Particulars of Operations**

The General Provision 1010 applies to all receiving frequency bands.  
The General Provision 1900 applies to all transmitting frequency bands.  
For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
<del>30)</del>	<del>12200.0000-12500.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital Data</del>
<del>31)</del>	<del>12200.0000-12500.0000</del>	<del>H,V</del>	<del>58K0G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital Data</del>
32)	11700.0000-12200.0000	H,V	36M0G7D	Rx			HOLM9.0 II		Digital Data
33)	11700.0000-12200.0000	H,V	36M0G7W	Rx			HOLM9.0 II		Digital Data
34)	11700.0000-12200.0000	H,V	36M0G7W	Rx			HOLM9.0 II		Digital Data Duplicate
35)	11700.0000-12200.0000	H,V	40M5G7W	Rx			HOLM9.0 II		Digital Data
36)	11450.0000-11700.0000	H,V	40M5G7W	Rx			HOLM9.0 II		Digital Data
<del>37)</del>	<del>11200.0000-11450.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital Data</del>
38)	10950.0000-11200.0000	H,V	40M5G7W	Rx			HOLM9.0 II		Digital Data
<del>39)</del>	<del>10700.0000-11700.0000</del>	<del>H,V,L,R</del>	<del>40M5G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital</del>
<del>40)</del>	<del>10700.0000-11700.0000</del>	<del>H,V,L,R</del>	<del>58K0G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital</del>
41)	10700.0000-11700.0000	H,V	58K0G7W	Rx			HOLM9.0 II		Digital Data
<del>42)</del>	<del>10700.0000-10950.0000</del>	<del>H,V</del>	<del>40M5G7W</del>	<del>Rx</del>			<del>HOLM9.0 II</del>		<del>Digital Data</del>
	11700.0000-12200.0000	H,V	58K0G7W	Rx			HOLM9.0 II		Digital Data
	11450.0000-11700.0000	H,V	58K0G7W	Rx			HOLM9.0 II		Digital Data

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	11700.0000-12200.0000	17.0W	143.0W	16.0	07.3	112.7	255.9		HOLM9.0 II
2)	14000.0000-14500.0000	17.0W	143.0W	16.0	07.3	112.7	255.9	-0.8	HOLM9.0 II
<del>3)</del>	<del>13001.0000-13098.0000</del>	<del>17.0W</del>	<del>143.0W</del>	<del>16.0</del>	<del>07.3</del>	<del>112.7</del>	<del>255.9</del>	<del>-0.8</del>	<del>HOLM9.0 II</del>
<del>4)</del>	<del>12051.0000-12073.0000</del>	<del>17.0W</del>	<del>143.0W</del>	<del>16.0</del>	<del>07.3</del>	<del>112.7</del>	<del>255.9</del>	<del>-0.8</del>	<del>HOLM9.0 II</del>
<del>5)</del>	<del>12750.0000-12023.0000</del>	<del>17.0W</del>	<del>143.0W</del>	<del>16.0</del>	<del>07.3</del>	<del>112.7</del>	<del>255.9</del>	<del>0.0</del>	<del>HOLM9.0 II</del>
<del>6)</del>	<del>12200.0000-12500.0000</del>	<del>17.0W</del>	<del>143.0W</del>	<del>16.0</del>	<del>07.3</del>	<del>112.7</del>	<del>255.9</del>		<del>HOLM9.0 II</del>
7)	10950.0000-11200.0000	17.0W	143.0W	16.0	07.3	112.7	255.9		HOLM9.0 II
<del>8)</del>	<del>13251.0000-13750.0000</del>	<del>17.0W</del>	<del>143.0W</del>	<del>16.0</del>	<del>07.3</del>	<del>112.7</del>	<del>255.9</del>	<del>-0.8</del>	<del>HOLM9.0 II</del>



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**C) Frequency Coordination Limits**

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
<del>9)</del>	<del>13176.0000-13223.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-0.8</del>	<del>HOLM9.0 II</del>
<del>10)</del>	<del>13126.0000-13148.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-0.8</del>	<del>HOLM9.0 II</del>
<del>11)</del>	<del>13750.0000-14000.0000</del>	<del>50.6W-50.0W</del>	<del>50.6W-50.0W</del>	<del>37.0-37.0</del>	<del>37.0-37.0</del>	<del>145.0-145.0</del>	<del>145.0-145.0</del>	<del>-0.8</del>	<del>HOLM9.0 II</del>
<del>12)</del>	<del>13001.0000-13098.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-7.72</del>	<del>HOLM9.0 II</del>
<del>13)</del>	<del>12851.0000-12973.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-7.72</del>	<del>HOLM9.0 II</del>
<del>14)</del>	<del>12750.0000-12823.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-7.72</del>	<del>HOLM9.0 II</del>
<del>15)</del>	<del>12200.0000-12500.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-7.72</del>	<del>HOLM9.0 II</del>
<del>16)</del>	<del>10700.0000-11700.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-7.72</del>	<del>HOLM9.0 II</del>
<del>17)</del>	<del>13750.0000-14000.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>7.72</del>	<del>HOLM9.0 II</del>
<del>18)</del>	<del>13176.0000-13223.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>7.72</del>	<del>HOLM9.0 II</del>
<del>19)</del>	<del>13126.0000-13148.0000</del>	<del>17.0W-143.0W</del>	<del>17.0W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>7.72</del>	<del>HOLM9.0 II</del>
20)	11450.0000-11700.0000	17.0W-143.0W	17.0W-143.0W	16.0-07.3	16.0-07.3	112.7-255.9	112.7-255.9	-7.72	HOLM9.0 II
<del>21)</del>	<del>10700.0000-10950.0000</del>	<del>0.2W-143.0W</del>	<del>0.2W-143.0W</del>	<del>16.0-07.3</del>	<del>16.0-07.3</del>	<del>112.7-255.9</del>	<del>112.7-255.9</del>	<del>-7.72</del>	<del>HOLM9.0 II</del>

**D) Points of Communications**

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) 1 to Permitted Space Station List

**E) Antenna Facilities**

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
<del>1A</del>	<del>HOLM9.0 II</del>	<del>2</del>	<del>9</del>	<del>Alpha Satcom</del>	<del>90KUFRLP</del>	<del>104.27</del>	<del>9 AGL/ 113.27 AMSL</del>	
								<del>Max Gains(s):</del>
								<del>Maximum total input power at antenna flange (Watts) = 360.00</del>
								<del>Maximum aggregate output EIRP for all carriers (dBW) = 85.01</del>
1	HOLM9.0 II	2	9	Alpha Satcom	90KUFRLP	104.27	9 AGL/ 113.27 AMSL	
								Max Gains(s): 58.0 dBi @ 11.9500 GHz 60.0 dBi @ 12.7500 GHz 58.0 dBi @ 11.9500 GHz 60.3 dBi @ 14.1970 GHz
								Maximum total input power at antenna flange (Watts) = 360.00
								Maximum aggregate output EIRP for all carriers (dBW) = 85.81



**UNITED STATES OF AMERICA**  
**FEDERAL COMMUNICATIONS COMMISSION**  

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**RADIO STATION AUTHORIZATION**

Anuvu Licensing Holdings LLC

Call Sign: E160163

**Authorization Type:** Modification of License

**File Number:** SES-MOD-20170908-00994

Non Common Carrier

**Grant date:**

**Expiration Date:** 12/07/2031

**G) Antenna Structure marking and lighting requirements:**

None unless otherwise specified under Special and General Provisions

**H) Special and General Provisions**

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.

6 --- Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.

8 --- Licensee must notify the Commission when all earth stations under this authorization are no longer operational or when they have not been used to provide service during any continuous six-month period.

90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)

90399 --- The licensee shall, at all times, take all necessary measures to ensure that operation of this (these) authorized earth station(s) does not create potential exposure of humans to radiofrequency radiation in excess of the FCC exposure limits defined in 47 CFR §§ 1.1307(b) and 1.1310. Physical measures must be taken to ensure compliance with limits for both occupational/controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Compliance can be accomplished in most cases by appropriate restrictions, such as fencing. Requirements for restrictions can be determined by predictions based on calculations, modeling, or by field measurements. The FCC's OET Bulletin 65 (available on-line at [www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers.



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## H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

~~90598 --- Operations must comply with the following restrictions and limitations:~~

~~5.441: The use of the band 12.75-13.25 GHz (Earth-to-space) by geostationary-satellite systems in the fixed-satellite service shall be in accordance with the provisions of Appendix 30B. The use of the band 12.75-13.25 GHz (Earth-to-space) by a non-geostationary-satellite systems in the fixed-satellite service is subject to application of the provisions of No. 9.12 for coordination with other non-geostationary-satellite systems in the fixed-satellite service. Non-geostationary-satellite systems in the fixed-satellite service shall not claim protection from geostationary-satellite networks in the fixed-satellite service operating in accordance with the Radio Regulations, irrespective of the dates of receipt by the Bureau of the complete coordination or notification information, as appropriate, for the non-geostationary-satellite systems in the fixed-satellite service and of the complete coordination or notification information, as appropriate, for the geostationary-satellite networks, and No. 5.43A does not apply. Non-geostationary-satellite systems in the fixed-satellite service in the above bands shall be operated in such a way that any unacceptable interference that may occur during their operation shall be rapidly eliminated.5.441~~

~~5.497: The band 12.75-13.25 GHz is also allocated to the space research (deep space) (space-to-Earth) service for reception only at Goldstone, CA (35° 20' N, 116° 53' W).~~

~~NG 52: Except as provided for by NG527A, use of the band 12.75-13.25 GHz (Earth-to-space) by geostationary satellites in the fixed-satellite service (FSS) shall be limited to international systems, i.e., other than domestic systems.~~

~~NG53: In the band 13.15-13.25 GHz, the following provisions shall apply:~~

~~(a) The sub-band 13.15-13.2 GHz is reserved for television pickup (TVPU) and cable television relay service (CARS) pickup stations inside a 50 km radius of the 100 television markets delineated in 47 CFR 76.51; and outside these areas, TVPU stations, CARS stations and non-geostationary satellite orbit fixed-satellite service (NGSO FSS) gateway earth stations shall operate on a co-primary basis.~~

~~(b) The sub-band 13.2-13.2125 GHz is reserved for TVPU stations on a primary basis and for CARS pickup stations on a secondary basis inside a 50 km radius of the 100 television markets delineated in 47 CFR 76.51; and outside these areas, TVPU stations and NGSO FSS gateway earth stations shall operate on a co-primary basis and CARS stations shall operate on a secondary basis.~~

~~(c) In the band 13.15-13.25 GHz, fixed television auxiliary stations licensed pursuant to applications accepted for filing before September 1, 1979, may continue operation, subject to periodic license renewals.~~

~~(d) In the sub-band 13.15-13.2125 GHz, NGSO FSS gateway uplink transmissions shall be limited to a maximum e.i.r.p. of 3.2 dBW towards 0° on the radio horizon.~~

~~Note: The above provisions shall not apply to geostationary satellite orbit (GSO) FSS operations in the band 12.75-13.25 GHz.~~

~~NG118: In the bands 12.7-13.25 GHz, television translator relay stations may be authorized to use frequencies on a secondary basis to other stations in the Television Broadcast Auxiliary Service that are operating in accordance with the Table of Frequency Allocations.~~

~~US251: The band 12.75-13.25 GHz is also allocated to the space research (deep space) (space-to-Earth) service.~~





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~~for reception only at Goldstone, CA (35° 20' N, 116° 53' W); no interference is permitted~~

**H) Special and General Provisions**

900407 --- The Permitted Space Station List (Permitted List) is a list of all geostationary space stations providing fixed-satellite service pursuant to a Commission license or grant of U.S. market access. The Permitted List currently includes the following frequency bands per §25.103 and §25.115(k)(1):

3600-4200 MHz (space-to-Earth)  
5850-6725 MHz (Earth-to-space)  
10.95-11.2 GHz (space-to-Earth)  
11.45-12.2 GHz (space-to-Earth)  
13.75-14.5 GHz (Earth-to-space)  
18.3-18.8 GHz (space-to-Earth)  
19.7-20.2 GHz (space-to-Earth)  
24.75-25.25 GHz (Earth-to-space)  
28.35-28.6 GHz (Earth-to-space)  
29.25-30.0 GHz (Earth-to-space).

Earth stations with "Permitted List" designated as a point of communication may access any space station on the Permitted List, provided the operations comply with the applicable "routine" uplink and downlink limits, are within the specific frequency bands authorized in the earth station license, have completed coordination with terrestrial stations pursuant to §25.203, and otherwise comply with all terms and conditions of both the earth station license and the space station grant.



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**B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:**

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station does not meet each required construction deadline by the required date of completion unless, before such date(s), a specific application is timely filed to request an extension of the construction deadline(s), supported with good cause why that failure to construct by the required date was due to factors not under control of the grantee.

**Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.**