



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


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**RADIO STATION AUTHORIZATION**

**Name:** Corporate Satellite Communications, Florida Inc.

**Call Sign:** KA333

**Authorization Type:** Modification of License

**File Number:** SES-MOD-20101028-01356

Non Common Carrier

**Grant date:** 12/06/2010

**Expiration Date:** 01/21/2019

**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	7007 N.W. 32ND AVENUE MIAMI, DADE, FL 33147	25°50'14.3"N	80°14'58.8"W	3.4	27

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 January 21, 2004 (3 AM Eastern Standard Time) and ending January 21, 2019 (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)	6607.0000-6607.0000	L,R	72M0G7W	Tx	82.95	40.40	11M-1,3		DIGITAL DATA, VIDEO & VOICE INCL. IBS, IDR via New Skies Satellite, N.V. 806 only
2)	6572.0000-6572.0000	L,R	72M0G7W	Tx	82.95	40.40	11M-1,3		DIGITAL DATA, VIDEO & VOICE INCL. IBS, IDR via New Skies Satellite, N.V. 806 only
3)	5925.0000-6425.0000	H,V,L,R	36M0G7F	Tx	79.90	40.40	11M-1,3		DIGITAL VIDEO
4)	5925.0000-6425.0000	H,V,L,R	51K2G7W-	Tx	51.50	40.40	11M-1,3		DIGITAL DATA & VOICE INCL. IBS, IDR
5)	5925.0000-6425.0000	H,V,L,R	36M0G7W	Tx	79.90	40.40	11M-1,3		DIGITAL DATA & VOICE INCL. IBS, IDR
6)	5854.0000-5925.0000	L,R	36M0G7F	Tx	79.90	40.40	11M-1,3		DIGITAL VIDEO



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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
7)	5854.0000-5925.0000	L, R	51K2G7W-	Tx	51.50	40.40	11M-1, 3		DIGITAL DATA & VOICE
8)	5854.0000-5925.0000	L, R	36M0G7W	Tx	79.90	40.40	11M-1, 3		DIGITAL DATA & VOICE
9)	3700.0000-4200.0000	H, V, L, R	36M0G7F	Rx			11M-1, 3		DIGITAL VIDEO
10)	3700.0000-4200.0000	H, V, L, R	51K2G7W-	Rx			11M-1, 3		DIGITAL DATA & VOICE INCL. IBS, IDR
11)	3700.0000-4200.0000	H, V, L, R	36M0G7W	Rx			11M-1, 3		DIGITAL DATA & VOICE INCL. IBS, IDR
12)	6607.0000-6607.0000	L, R	72M0G7W	Tx	82.95	40.40	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR via New Skies Satellite, N.V. 806 only
13)	6572.0000-6572.0000	L, R	72M0G7W	Tx	82.95	40.40	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR via New Skies Satellite, N.V. 806 only
14)	6125.0000-6125.0000	H, V, L, R	25M0F8F	Tx	74.40	47.40	11M-4		ANALOG VIDEO W/ASSOC. SUBCARRIERS
15)	6125.0000-6125.0000	H, V, L, R	25M0G7W	Tx	84.00	46.00	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
16)	6125.0000-6125.0000	H, V, L, R	25M0G7F	Tx	84.00	46.00	11M-4		DIGITAL VIDEO
17)	6005.0000-6005.0000	H, V, L, R	25M0F8F	Tx	74.40	47.40	11M-4		ANALOG VIDEO W/ASSOC. SUBCARRIERS
18)	6005.0000-6005.0000	H, V, L, R	25M0G7W	Tx	84.00	46.00	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
19)	6005.0000-6005.0000	H, V, L, R	25M0G7F	Tx	84.00	46.00	11M-4		DIGITAL VIDEO
20)	5985.0000-5985.0000	H, V, L, R	36M0F8F	Tx	74.40	47.40	11M-4		ANALOG VIDEO W/ASSOC. SUBCARRIERS
21)	5985.0000-5985.0000	H, V, L, R	36M0G7W	Tx	84.00	44.50	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
22)	5985.0000-5985.0000	H, V, L, R	36M0G7F	Tx	84.00	44.50	11M-4		DIGITAL VIDEO
23)	5965.0000-5965.0000	H, V, L, R	36M0F8F	Tx	74.40	47.40	11M-4		ANALOG VIDEO W/ASSOC. SUBCARRIERS
24)	5965.0000-5965.0000	H, V, L, R	36M0G7F	Tx	84.00	44.50	11M-4		DIGITAL VIDEO



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**File Number:** SES-MOD-20101028-01356

Non Common Carrier

**Grant date:** 12/06/2010

**Expiration Date:** 01/21/2019

**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
25)	5965.0000-5965.0000	H, V, L, R	36M0G7W	Tx	84.00	44.50	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
26)	5945.0000-5945.0000	H, V, L, R	3M00G7W	Tx	76.20	47.40	11M-4		IBS, IDR
27)	5925.0000-6425.0000	H, V, L, R	36M0G7F	Tx	79.90	40.40	11M-4		DIGITAL VIDEO
28)	5925.0000-6425.0000	H, V, L, R	51K2G7W-	Tx	51.50	40.40	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
29)	5925.0000-6425.0000	H, V, L, R	36M0G7W	Tx	79.90	40.40	11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
30)	5854.0000-5925.0000	L, R	36M0G7F	Tx	79.90	40.40	11M-4		DIGITAL VIDEO
31)	5854.0000-5925.0000	L, R	51K2G7W-	Tx	51.50	40.40	11M-4		DIGITAL DATA & VOICE
32)	5854.0000-5925.0000	L, R	36M0G7W	Tx	79.90	40.40	11M-4		DIGITAL DATA & VOICE
33)	3700.0000-4200.0000	H, V, L, R	36M0G7F	Rx			11M-4		DIGITAL VIDEO
34)	3700.0000-4200.0000	H, V, L, R	51K2G7W-	Rx			11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
35)	3700.0000-4200.0000	H, V, L, R	36M0G7W	Rx			11M-4		DIGITAL DATA & VOICE INCL. IBS, IDR
36)	6607.0000-6607.0000	L, R	72M0G7W	Tx	82.95	40.40	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR via New Skies Satellite, N.V. 806 only
37)	6572.0000-6572.0000	L, R	72M0G7W	Tx	82.95	40.40	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR via New Skies Satellite, N.V. 806 only
38)	6125.0000-6125.0000	H, V, L, R	25M0F8F	Tx	74.40	47.40	11M-5		ANALOG VIDEO W/ASSOC. SUBCARRIERS
39)	6125.0000-6125.0000	H, V, L, R	25M0G7W	Tx	84.00	46.00	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR
40)	6125.0000-6125.0000	H, V, L, R	25M0G7F	Tx	84.00	46.00	11M-5		DIGITAL VIDEO
41)	6005.0000-6005.0000	H, V, L, R	25M0F8F	Tx	74.40	47.40	11M-5		ANALOG VIDEO W/ASSOC. SUBCARRIERS
42)	6005.0000-6005.0000	H, V, L, R	25M0G7W	Tx	84.00	46.00	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR



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Non Common Carrier

**Grant date:** 12/06/2010

**Expiration Date:** 01/21/2019

**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
43)	6005.0000-6005.0000	H, V, L, R	25M0G7F	Tx	84.00	46.00	11M-5		DIGITAL VIDEO
44)	5985.0000-5985.0000	H, V, L, R	36M0F8F	Tx	74.40	47.40	11M-5		ANALOG VIDEO W/ASSOC. SUBCARRIERS
45)	5985.0000-5985.0000	H, V, L, R	36M0G7W	Tx	84.00	44.50	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR
46)	5985.0000-5985.0000	H, V, L, R	36M0G7F	Tx	84.00	44.50	11M-5		DIGITAL VIDEO
47)	5965.0000-5965.0000	H, V, L, R	36M0F8F	Tx	74.40	47.40	11M-5		ANALOG VIDEO W/ASSOC. SUBCARRIERS
48)	5965.0000-5965.0000	H, V, L, R	36M0G7W	Tx	84.00	44.50	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR
49)	5965.0000-5965.0000	H, V, L, R	36M0G7F	Tx	84.00	44.50	11M-5		DIGITAL VIDEO
50)	5945.0000-5945.0000	H, V, L, R	3M00G7W	Tx	76.20	47.40	11M-5		IBS, IDR
51)	5925.0000-6425.0000	H, V, L, R	36M0G7F	Tx	79.90	40.40	11M-5		DIGITAL VIDEO
52)	5925.0000-6425.0000	H, V, L, R	51K2G7W-	Tx	51.50	40.40	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR
53)	5925.0000-6425.0000	H, V, L, R	36M0G7W	Tx	79.90	40.40	11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR
54)	5854.0000-5925.0000	L, R	36M0G7F	Tx	79.90	40.40	11M-5		DIGITAL VIDEO
55)	5854.0000-5925.0000	L, R	51K2G7W-	Tx	51.50	40.40	11M-5		DIGITAL DATA & VOICE
56)	5854.0000-5925.0000	L, R	36M0G7W	Tx	79.90	40.40	11M-5		DIGITAL DATA & VOICE
57)	3700.0000-4200.0000	H, V, L, R	36M0G7F	Rx			11M-5		DIGITAL VIDEO
58)	3700.0000-4200.0000	H, V, L, R	51K2G7W-	Rx			11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR
59)	3700.0000-4200.0000	H, V, L, R	36M0G7W	Rx			11M-5		DIGITAL DATA & VOICE INCL. IBS, IDR
60)	14000.0000-14500.0000	H, V	36M0F3F	Tx	87.54	60.55	11M		STANDARD ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
61)	14000.0000-14500.0000	H, V	36M0G7W	Tx	87.54	48.00	11M		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC



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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
62)	14000.0000-14500.0000	H, V	51K2G7W	Tx	59.07	48.00	11M		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
63)	11700.0000-12200.0000	H, V	36M0F3F	Rx			11M		STANDARD ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
64)	11700.0000-12200.0000	H, V	36M0G7W	Rx			11M		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
65)	11700.0000-12200.0000	H, V	51K2G7W	Rx			11M		DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC

**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		
1)	5945.0000	24.0W	28.0W	22.0	25.6	106.2	108.6	-9.6	11M-1,3
2)	5965.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
3)	5985.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
4)	5854.0000-5925.0000	20.0W	43.0W	17.0	40.0	103.0	119.3	-10.7	11M-1,3
5)	3700.0000-4200.0000	20.0W	43.0W	17.0	40.0	103.0	119.3		11M-1,3
6)	6572.0000	38.0W	42.0W	34.6	38.2	115.6	118.9	-21.5	11M-1,3
7)	6607.0000	38.0W	42.0W	34.6	38.2	115.6	118.9	-21.5	11M-1,3
8)	6005.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
9)	6125.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
10)	6185.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
11)	6285.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
12)	6305.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
13)	6405.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-1,3
14)	5925.0000-6425.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-10.7	11M-1,3
15)	3700.0000-4200.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	0	11M-1,3
16)	5965.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-4
17)	5985.0000	14.0W	65.0W	12.8	55.3	100.9	148.0	-3.7	11M-4



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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		
18)	6005.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-4
19)	6125.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-4
20)	6185.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-4
21)	6285.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-4
22)	6305.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-4
23)	6405.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-4
24)	5925.0000-6425.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-10.7	11M-4
25)	3700.0000-4200.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0		11M-4
26)	5854.0000-5925.0000	20.0W	-43.0W	17.0	-40.0	103.0	-119.3	-10.7	11M-4
27)	3700.0000-4200.0000	20.0W	-43.0W	17.0	-40.0	103.0	-119.3		11M-4
28)	6572.0000	38.0W	-42.0W	34.6	-38.2	115.6	-118.9	-21.5	11M-4
29)	6607.0000	38.0W	-42.0W	34.6	-38.2	115.6	-118.9	-21.5	11M-4
30)	5945.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-9.6	11M-4
31)	5945.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-9.6	11M-5
32)	5965.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
33)	5985.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
34)	6005.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
35)	6125.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
36)	6185.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
37)	6285.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
38)	6305.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
39)	6405.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-3.7	11M-5
40)	5925.0000-6425.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0	-10.7	11M-5
41)	3700.0000-4200.0000	14.0W	-65.0W	12.8	-55.3	100.9	-148.0		11M-5
42)	5854.0000-5925.0000	20.0W	-43.0W	17.0	-40.0	103.0	-119.3	-10.7	11M-5
43)	3700.0000-4200.0000	20.0W	-43.0W	17.0	-40.0	103.0	-119.3		11M-5
44)	6572.0000	38.0W	-42.0W	34.6	-38.2	115.6	-118.9	-21.5	11M-5
45)	6607.0000	38.0W	-42.0W	34.6	-38.2	115.6	-118.9	-21.5	11M-5
46)	14000.0000-14500.0000	14.0W	-143.0W	12.8	-16.0	100.9	-257.3	2.9	11M
47)	11700.0000-12200.0000	14.0W	-143.0W	12.8	-16.0	100.9	-257.3		11M

**D) Points of Communications**

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

- 1) 1 to STATIONAR 11 @ 11 W.L. satellite(s) of the INTERSPUTNIK system (Russian). (Non-U.S.-licensed)



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**File Number:** SES-MOD-20101028-01356

Non Common Carrier

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**D) Points of Communications**

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

- 2) 1 to New Skies Satellite, N.V. 5 (formerly NSS-803) @ 338.5 E.L. / 177.0 WL (Netherlands-licensed) (Non-U.S.-licensed)
- 3) 1 to New Skies Satellite, N.V. 806 @ 319.5 E.L. (Netherlands-licensed)[Moved to 47.5° W.L.]
- 4) 1 to PANAMSAT-3R (PAS-3R @ 43.0 W.L.) satellite(s) of the PANAMSAT system. (U.S.-licensed)
- 5) 1 to PANAMSAT 9 @ 58.0 W.L. S2380 (U.S.-licensed domestic satellite)
- 6) 1 to COLUMBIA 515 (@37.7 W.L.) satellite(s) of the COLUMBIA system. (U.S.-licensed)
- 7) 1 to Permitted Space Station List
- 8) 1 to TDRS-6 (@ 47.0 W.L.) satellite(s) of the COLUMBIA system. (U.S.-licensed)
- 9) 1 to STATIONAR 4 @ 14.0 W.L. satellite(s) of the INTERSPUTNIK system (Non-U.S.-licensed)
- 10) 1 to INTELSAT AOR @ 342.0 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 11) 1 to INTELSAT AOR @ 338.7 E.L. (U.S.-licensed)
- 12) 1 to INTELSAT AOR @ 307.0 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 13) 1 to INTELSAT AOR @ 310.0 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 14) 1 to INTELSAT AOR @ 328.5 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 15) 1 to INTELSAT AOR (S2411) @ 332.5 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 16) 1 to INTELSAT AOR @ 330.5 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 17) 1 to INTELSAT AOR @ 335.5 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 18) 1 to INTELSAT AOR @ 328.6 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 19) 1 to INTELSAT 805 (S2404) @ 304.5 E.L. (U.S.-licensed)
- 20) 1 to INTELSAT AOR @ 319.5 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 21) 1 to INTELSAT AOR @ 325.5 E.L. satellite of the INTELSAT system (U.S.-licensed)
- 22) 1 to PANAMSAT 1R (PAS-1R ) @ 45.0 W.L. (U.S.-licensed domestic satellite)
- 23) 1 to STATIONAR 8 @ 25 W.L. satellite of the Intersputnik system. (Non-U.S.-licensed)

**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)
1	11M	1	11	VERTEX	KPC	3.4	12 AGL/ 15.4 AMSL	
	Max Gains(s):	60.0 dBi @	11.9500 GHz	62.0 dBi @	14.2500 GHz			
	Maximum total input power at antenna flange (Watts) =				350.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				87.54			



**UNITED STATES OF AMERICA  
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**RADIO STATION AUTHORIZATION**

**Name:** Corporate Satellite Communications, Florida Inc.

**Call Sign:** KA333

**Authorization Type:** Modification of License

**File Number:** SES-MOD-20101028-01356

**Non Common Carrier**

**Grant date:** 12/06/2010

**Expiration Date:** 01/21/2019

**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)
1	11M-1,3	2	11	VERTEX	KPC 11M	3.4	12.2 AGL/ 15.5 AMSL	
	Max Gains(s):	51.9 dBi @	4.0000 GHz	55.4 dBi @	6.0000 GHz			
	Maximum total input power at antenna flange (Watts) =				724.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				84.00			
1	11M-4	1	11	VERTEX	5263	3.4	12.2 AGL/ 15.6 AMSL	
	Max Gains(s):	51.7 dBi @	4.0000 GHz	55.0 dBi @	6.0000 GHz			
	Maximum total input power at antenna flange (Watts) =				724.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				83.60			
1	11M-5	1	11	COMSAT RSI	110CS	3.4	12.2 AGL/ 15.6 AMSL	
	Max Gains(s):	51.9 dBi @	4.0000 GHz	55.2 dBi @	6.0000 GHz			
	Maximum total input power at antenna flange (Watts) =				724.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				83.80			

**F) Remote Control Point:**

1

**Call Sign:** KA333

**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:

1010 --- Applicable to all receiving frequency bands. Emission designator indicates the maximum bandwidth of received signal at associated station(s). Maximum EIRP and maximum EIRP density are not applicable to receive operations.

1900 --- Applicable to all transmitting frequency bands. Authority is granted to transmit any number of RF carriers with the specified parameters on any discrete frequencies within associated band in accordance with the other terms and conditions of this authorization, subject to any additional limitations that may be required to avoid unacceptable levels of inter-satellite interference.





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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:

2010 --- This authorization is issued pursuant to the Commission's Second Report and Order adopted June 16, 1972 (35 FCC 2d 844) and Memorandum, Opinion and Order adopted December 21, 1972 (38 FCC 2d 665) in Docket No. 16495 and is subject to the policies adopted in that proceeding.

2454 --- All satellite uplink transmissions carrying broadband video information shall comply with the Automatic Transmitter Identification System (ATIS) requirements of Section 25.281 of the Rules, as modified by FCC Report No. DS-1066, released on April 3, 1991.

2641 --- The provision of purely domestic service via the INTELSAT satellites is prohibited.

2916 --- Transmitter(s) must be turned off during antenna maintenance to ensure compliance with the FCC-specified safety guidelines for human exposure to radiofrequency radiation in the region between the antenna feed and the reflector. Appropriate measures must also be taken to restrict access to other regions in which the earth station's power flux density levels exceed the specified guidelines.

3212 --- The licensee shall take extraordinary measures to ensure that multiple antennas co-located at the same site do not create potential exposure to radiofrequency radiation in excess of FCC safety guidelines. Antennas shall be surrounded by a fence, at least 2 meters tall with a locked gate, to prevent human exposure in excess of the FCC-specified safety limit of 1 mW/cm<sup>2</sup>. Warning signs, such as those discussed in the FCC's OET Bulletin 65, shall be posted informing members of the public to keep outside the locked area. All operations must be in compliance with Section 1.1307 (b)(3) of the Commission's Rules. (See 47 CFR 1.1307 (b) (3)).

3219 --- All existing transmitting facilities, operations and devices regulated by the Commission must be in compliance with the Commission's radiofrequency (RF) exposure guidelines, pursuant to Section 1.1307(b)(1) through (b)(3) of the Commission's rules, or if not in compliance, file an Environmental Assessment (EA) as specified in Section 1.1311. See 47 CFR § 1.1307 (b) (5).

3428 --- This authorization is not to be construed as including any uplink or downlink authority in other countries.

3465 --- This authorization is subject to the policies adopted in the Report and Order, "Amendment of the Commission's Regulatory Policies to allow Non-US-Licensed Space Stations to provide Domestic and International Satellite Services in the United States," IB Docket 96-111, FCC 97-399 (Released November 26, 1997). (DISCO II)

5011 --- The Licensee(s) shall maintain on file with the Commission a current list or plan of the precise frequencies in use at the station, specifying for each frequency the RF center frequency, polarization, emission designator, nominal EIRP (in dBW) and maximum EIRP density (in dBW/4kHz). This list or plan may be submitted either on a station-by-station basis or on a system-wide basis and shall be updated within seven (7) days of any changes in frequency usage at this station. The Licensee(s) need not notify the Commission of temporary usage of frequencies for periods of less than seven (7) days. However, the Licensee(s) shall maintain accurate station records of the times and particulars of such temporary frequency usage.

5012 --- The authority granted here is limited to the operation of the facilities described above and does not include any authority to install and operate channelizing equipment or any other authority under Section 214 of the Communications Act of 1934, as amended, to establish channels of communications.



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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:

- 5013 --- In the event of the failure of a satellite with which operations are authorized in Section D of this license, operations are authorized in conjunction with the authorized INTELSAT satellite in the affected Ocean Region that provides the services authorized herein in order to maintain the continuity of commercial service; provided that the licensee(s) immediately notify the Commission of the nature of this emergency and its expected duration; and provided that the operational limits of elevation angle and azimuth range specified in Section C of this license are not exceeded. In the event that such emergency operations require emissions not specified in Section B of this license, such emissions may be utilized provided that the EIRP's of such emissions do not exceed the limits set forth in this license.
- 5014 --- With respect to potential co-channel interference to or from terrestrial microwave radio stations, the transmit and receive frequency bands listed in this license have been cleared for transmissions to and from satellites located in the geostationary or non-geostationary orbit for the emissions designated in Section B of this license.
- 5015 --- Upon completion of construction, each licensee must file with the Commission a certification including the following information: name of the licensee, file number of the application, call sign of the antenna, date of the license and certification that the facility as authorized has been completed, that each antenna facility has been tested and is within 2 dB of the pattern specified in Section 25.209 and that the station is operational including the date of commencement of service and will remain operational during the license period unless the license is submitted for cancellation.
- 5017 --- Operation of this station is governed by the terms, conditions and limitations in Part 25 of the Commission's Rules and Regulations and the following additional conditions: 1. This license shall not vest in the Licensee(s) any right to operate the station or any right in the use of the frequencies designated in the license beyond its term or in any other manner than authorized in the license; 2. Neither the license nor the right granted under it shall be assigned or otherwise transferred in violation of the Commissions or otherwise transferred in violation of the Communications Act of 1934, as amended, or the Commission's Rules and Regulations issued under it; and 3. This station is subject to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended.
- 5018 --- This license shall be forfeited automatically if this station is not ready for operation within the time specified unless, prior to the expiration date of this license, the Commission receives an Application for Additional Time to Construct a Radio Station (FCC Form 701) filed by the Licensee(s) showing good cause why the Licensee(s) could not complete construction on time.
- 5031 --- The extended C-band frequencies of 5850-5925 MHz have been cleared with the National Telecommunications & Information Administration. These frequency bands are for New Skies Satellite N.V. 513 @ 183 E.L., 703 @ 57 E.L., 803 @ 338.5 E.L., and 806 @ 319.5 E.L. use only.
- 5032 --- The extended C-band frequency 5850-5925 MHz has been cleared with the National Telecommunications & Information Administration. This frequency band is for INTELSAT use only.
- 5202 --- Use of this facility to provide international service on a common carrier basis will require appropriate authorization under Section 214 of the Communication Act of 1934, as amended.
- 5203 --- All communications shall be in accordance with the satellites and services which have completed consultations under Article XIV(d) of the INTELSAT Agreement and which the Commission has approved.



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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:

5215 --- All operations shall be on a common carrier basis.

5225 --- This action constitutes the final step with respect to the provision of the services only insofar as the US regulatory process is concerned. However, this authority shall not be construed as authorizing the distribution of programming where the appropriate copyright clearances have not been obtained or where the U.S. Government has determined that appropriate copyright protection does not otherwise exist.

5240 --- All operations via the INTELSAT satellites are limited to the countries excluding the restricted countries listed in Comsat's international tariff provisions for the space components of authorized services in Section B..

5525 --- This authorization is issued pursuant to the Commission's Report and Order released January 22, 1996 (FCC 96-14), Disco I.

5630 --- International services shall be consistent with this emission designator, the underlying title III application(s) and the acquisition of any necessary Section 214 authority.

5733 --- Provision of service over the Intersputnik satellite system is subject to any future Commission proceedings concerning use of that system. The continued effectiveness of this license is subject to the outcome of periodic reviews by the Commission and the Executive Branch. If the State Department notifies the Commission that continued use of the Intersputnik system is no longer in the national interest, this authorization will be subject to cancellation. This authorization is not to be construed as including any uplink or downlink authority in other countries, and all communications via Intersputnik satellite system shall be between the US and those countries authorized in the above-referenced application which Intersputnik satellite system is authorized by the Commission to serve.

5736 --- Licensee is authorized to provide fixed-satellite service other than Direct-to-Home service via non-U.S. licensed satellites.

5738 --- This authorization is subject to the conditions and terms set forth in the Commission's Order and Authorization, FCC 99-210, released August 6, 1999, and Memorandum Opinion and Order, FCC 01-107, released March 29, 2001, and New Skies Satellites N.V., Petition for Declaratory Ruling, Order, DA 01-513 (Int'l Bureau, Satellite and Radiocommunication Division, released Mar. 29, 2001)

5739 --- Operation of this earth station via New Skies Satellite, N.V. satellite(s) is only authorized until August 6, 2002.



**UNITED STATES OF AMERICA**  
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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.**