



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION

Name: NewCom International, Inc., as a debtor-in-possession

Call Sign: E040267

Authorization Type: Modification of License

File Number: SES-MOD-20181017-03612

Non Common Carrier

Grant date: 04/13/2020

Expiration Date: 08/13/2034

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	15590 N.W. 15TH AVE. MIAMI, DADE, FL 33169	25°54'59.3"N	80°13'29.2"W	1.83	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 August 13, 2019 (3 AM Eastern Standard Time) and ending August 13, 2034 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is April 13, 2021 (3 AM Eastern Standard Time) . 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)	6391.0000-6425.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services
2)	6391.0000-6425.0000	H, V, L, R	34M0G7W	Tx	72.60	33.30	7.3		digital modulation, voice and data services
3)	6331.0000-6359.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services
4)	6331.0000-6359.0000	H, V, L, R	28M0G7W	Tx	72.60	34.20	7.3		digital modulation, voice and data services
5)	6272.0000-6299.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services
6)	6272.0000-6299.0000	H, V, L, R	27M0G7W	Tx	72.60	34.30	7.3		digital modulation, voice and data services
7)	6168.0000-6240.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services



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8)	6168.0000-6240.0000	H, V, L, R	45M0G7W	Tx	72.60	32.10	7.3		digital modulation, voice and data services
9)	6079.0000-6107.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services
10)	6079.0000-6107.0000	H, V, L, R	28M0G7W	Tx	72.60	34.20	7.3		digital modulation, voice and data services
11)	6020.0000-6047.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services
12)	6020.0000-6047.0000	H, V, L, R	27M0G7W	Tx	72.60	34.30	7.3		digital modulation, voice and data services
13)	5961.0000-5988.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services
14)	5961.0000-5988.0000	H, V, L, R	27M0G7W	Tx	72.60	34.30	7.3		digital modulation, voice and data services
15)	5925.0000-6425.0000	H, V, L, R	128KG7D	Tx	52.30	37.30	7.3		digital modulation, voice and data services
16)	5925.0000-6425.0000	H, V, L, R	45M0G7W	Tx	72.60	32.10	7.3		digital modulation, voice and data services
17)	5925.0000-5929.0000	H, V, L, R	128KG7D	Tx	64.00	49.00	7.3		digital modulation, voice and data services
18)	5925.0000-5929.0000	H, V, L, R	4M00G7W	Tx	72.60	42.60	7.3		digital modulation, voice and data services
19)	3700.0000-4200.0000	H, V, L, R	128KG7D	Rx			7.3		digital modulation, voice and data services
20)	3700.0000-4200.0000	H, V, L, R	45M0G7W	Rx			7.3		digital modulation, voice and data services
21)	14000.0000-14500.0000	H, V	36M0G7W	Tx	82.30	42.70	7.6m		digital modulation, w/various forward error correction, and data rate configurations
22)	14000.0000-14500.0000	H, V	51K2G7W	Tx	56.37	45.30	7.6m		digital modulation, w/various forward error correction, and data rate configurations
23)	11700.0000-12200.0000	H, V	36M0G7W	Rx			7.6m		digital modulation, w/various forward error correction, and data rate configurations



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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
24)	11700.0000-12200.0000	H, V	51K2G7W	Rx			7.6m		digital w/various modulation, forward error correction, and data rate configurations
25)	6391.0000-6425.0000	H, V, L, R	128KG7D	Tx	66.00	51.00	9.0		digital modulation, voice and data services
26)	6391.0000-6425.0000	H, V, L, R	34M0G7W	Tx	76.70	37.40	9.0		digital modulation, voice and data services
27)	6331.0000-6359.0000	H, V, L, R	128KG7D	Tx	66.00	51.00	9.0		digital modulation, voice and data services
28)	6331.0000-6359.0000	H, V, L, R	28M0G7W	Tx	76.70	38.30	9.0		digital modulation, voice and data services
29)	6168.0000-6240.0000	H, V, L, R	128KG7D	Tx	66.00	51.00	9.0		digital modulation, voice and data services
30)	6168.0000-6240.0000	H, V, L, R	45M0G7W	Tx	76.70	36.20	9.0		digital modulation, voice and data services
31)	6079.0000-6107.0000	H, V, L, R	128KG7D	Tx	66.00	51.00	9.0		digital modulation, voice and data services
32)	6079.0000-6107.0000	H, V, L, R	28M0G7W	Tx	76.70	38.30	9.0		digital modulation, voice and data services
33)	6020.0000-6047.0000	H, V, L, R	128KG7D	Tx	66.00	51.00	9.0		digital modulation, voice and data services
34)	6020.0000-6047.0000	H, V, L, R	27M0G7W	Tx	76.70	38.40	9.0		digital modulation, voice and data services
35)	5961.0000-5988.0000	H, V, L, R	128KG7D	Tx	66.00	51.00	9.0		digital modulation, voice and data services
36)	5961.0000-5988.0000	H, V, L, R	27M0G7W	Tx	76.70	38.40	9.0		digital modulation, voice and data services
37)	5925.0000-6425.0000	H, V, L, R	128KG7D	Tx	52.40	37.40	9.0		digital modulation, voice and data services
38)	5925.0000-6425.0000	H, V, L, R	45M0G7W	Tx	76.70	36.20	9.0		digital modulation, voice and data services
39)	5925.0000-5929.0000	H, V, L, R	128KG7D	Tx	66.00	51.00	9.0		digital modulation, voice and data services
40)	5925.0000-5929.0000	H, V, L, R	4M00G7W	Tx	76.70	46.70	9.0		digital modulation, voice and data services



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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
41)	3700.0000-4200.0000	H, V, L, R	128KG7D	Rx			9.0		digital modulation, voice and data services
42)	3700.0000-4200.0000	H, V, L, R	45M0G7W	Rx			9.0		digital modulation, voice and data services

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)	5925.0000-6425.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
2)	3700.0000-4200.0000	15.0W	143.0W	13.7	15.9	101.4	257.3		7.3
3)	5925.0000-5929.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
4)	6391.0000-6425.0000	15.0W	143.0W	13.7	15.9	101.4	257.7	-5.76	7.3
5)	5925.0000-6425.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-17.46	7.3
6)	5961.0000-5988.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
7)	6020.0000-6047.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
8)	6079.0000-6107.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
9)	6168.0000-6240.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
10)	6272.0000-6299.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
11)	6331.0000-6359.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-5.76	7.3
12)	5925.0000-6425.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
13)	3700.0000-4200.0000	15.0W	143.0W	13.7	15.9	101.4	257.3		9.0
14)	5925.0000-5929.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
15)	5925.0000-6425.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-12.77	9.0
16)	5961.0000-5988.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
17)	6020.0000-6047.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
18)	6079.0000-6107.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
19)	6168.0000-6240.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
20)	6331.0000-6359.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
21)	6391.0000-6425.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	0.83	9.0
22)	11700.0000-12200.0000	15.0W	143.0W	13.7	15.9	101.4	257.3		7.6m
23)	14000.0000-14500.0000	15.0W	143.0W	13.7	15.9	101.4	257.3	-10.47	7.6m



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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:

- 1) 1 to Permitted Space Station List
- 2) 1 to SOLIDARIDAD F-2 @ 113.0 W.L. (Mexican-licensed) (Non-U.S.-licensed)
- 3) 1 to New Skies Satellite, NSS-7 (S2854) @ 20 W.L. (U.S.-licensed)
- 4) 1 to Eutelsat 113WA (S2695) @ 113 degrees W.L. (formerly SATMEX 6) (Mexico-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	7.3	2	7.3	ANDREW CORPORATION	7.3M	1.83	7.9 AGL/ 9.73 AMSL	
	Max Gains(s):		48.5 dBi @	4.0000 GHz	51.7 dBi @	6.1000 GHz		
	Maximum total input power at antenna flange (Watts) =				125.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				72.60			
1	7.6m	1	7.6	ANDREW CORP.	ES76K-1	1.83	8.6 AGL/ 10.43 AMSL	
	Max Gains(s):		57.7 dBi @	11.9500 GHz	59.3 dBi @	14.2500 GHz		
	Maximum total input power at antenna flange (Watts) =				200.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				82.30			
1	9.0	1	9	VERTEX	9 KPC	1.83	9.75 AGL/ 11.58 AMSL	
	Max Gains(s):		49.9 dBi @	4.0000 GHz	53.7 dBi @	6.1000 GHz		
	Maximum total input power at antenna flange (Watts) =				200.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				76.70			

F) Remote Control Point:

1 15590 NW 15TH AVENUE
MIAMI, DADE, FL 33169
305-914-1278

Call Sign:

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions



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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:

- 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 operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.
- 5116 --- ALSAT-designated earth stations are permitted to communicate with NSS-7 located at 22.00 W.L. (338.00 E.L.) to provide fixed satellite service in the United States other than direct-to-home service. Provision of direct-to-home services, direct broadcast services, or digital audio radio services are prohibited.
- 5117 --- ALSAT- designated earth stations are granted a waiver of Sections 25.20(g), 25.210(a)(1), 25.210(a)(3), 25.210(i) and 25.211(a) of the Commission's rules, 47 C.F.R. "25.202(g), 25.210(a)(1), 25.210(a)(3), 25.211(a), and 25.210(i) for the limited purpose of communicating with NSS-7 in the conventional C-and Ku-bands, subject to the conditions set forth in its earth station license and set forth in New Skies Satellites, N.V., Petition for Declaratory Ruling, Order, DA 02-1256 (Int'l Bur., Sat. Div., released May 28, 2002), as modified by Public Notice SPB-181, Revision of Permitted List Entry for the NSS-7 Satellite to Remove Coordination Conditions, DA 02-3179 (released November 15, 2002).
- 5118 --- ALSAT - designated earth stations are permitted to communicate with NSS-7, provided that New Skies Satellites, N.V., remains in compliance with all applicable international satellite coordination agreements.
- 5119 --- ALSAT-designated earth stations are permitted to communicate with Solidaridad 2 to provide service in the United States on a non-interference basis relative to two-degree compliant operations.
- 5120 --- In the event that the Commission authorizes access to the U.S. market by a satellite that is two-degree-compliant, and is located within two degrees of Solidaridad 2, ALSAT-designated earth stations are permitted to communicate with Solidaridad 2 to provide service in the United States, but only on a non-interference basis unless and until Satellites Mexicanos, S.A. de C.V. reaches a coordination agreement with that two-degree-compliant satellite system.
- 5121 --- ALSAT-designated earth stations communicating with Solidaridad 2 must meet the requirements of Section 25.212 of the Commission's rules, 47 C.F.R. section 25.212.
- 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)



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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:

- 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) 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.
- 90405 --- Operations with PERMITTED LIST satellite must comply with §25.212 levels and operations above these levels must coordinate with satellite operators prior to operations.
- 90470 --- The application for this authorization was filed within the 194-day filing window for FSS earth stations operating in the 3700-4200 MHz frequency band as of April 19, 2018, as established by Public Notice DA 18-398 (rel. Apr. 19, 2018) and Public Notice DA-18-639 (rel. Jun. 21, 2018), and Public Notice DA 18-1061 (rel. Oct. 17, 2018).
- 90472 --- The application for this authorization was filed without a coordination report pursuant to the waiver granted in Public Notice DA 18-398 (rel. Apr. 19, 2018). Operations of this earth station in the 3700-4200 MHz band are not entitled to protection from stations operating in the fixed service.
- 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 is not ready for operation by the required date of completion of construction unless an application for modification of authorization to request additional time to complete construction is filed by that date, together with a showing that failure to complete construction 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.