UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Name: New Cingular Wireless PCS, LLC
Call Sign: E120228
Authorization Type: Modification of License
File Number: SES-MOD-20170516-00563
Non Common Carrier **Grant date:** 08/02/2017 **Expiration Date:** 04/18/2028

Nature of Service: Fixed Satellite Service

Class of Station: VSAT Network

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
1)	1	11241 WILLOWS ROAD NE REDMOND, KING, WA 98052			0	NA	

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 April 18, 2013 (3 AM Eastern Standard Time) and ending April 18, 2028 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is August 2, 2018 (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)	14000.0000-14500.0000	V	3M00G7W	Tx	50.06	22.90	AVL 1.2m		Digital Video and Data
2)	11700.0000-12200.0000	H	3M00G7W	Rx	0.00	0.00	AVL 1.2m		Digital Video and Data
3)	14000.0000-14500.0000	V	3M00G7W	Tx	53.06	22.90	AVL 1.8		Digital Video and Data
4)	11700.0000-12200.0000	H	3M00G7W	Rx	0.00	0.00	AVL 1.8		Digital Video and Data
5)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	64.80	25.20	AVL- 2.4M.		Digital Data Carrier
6)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	55.70	34.80	AVL- 2.4M.		Digital Data Carrier
7)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL- 2.4M.		Digital Data Carrier
8)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL- 2.4M.		Digital Data Carrier
9)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	56.00	16.40	AVL-0.85M.		Digital Data Carrier

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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
10)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	46.90	26.00	AVL-0.85M.		Digital Data Carrier
11)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-0.85M.		Digital Data Carrier
12)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-0.85M.		Digital Data Carrier
13)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	59.20	19.60	AVL-1.2M-D		Digital Data Carrier
14)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	50.10	29.20	AVL-1.2M-D		Digital Data Carrier
15)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1.2M-D		Digital Data Carrier
16)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1.2M-D		Digital Data Carrier
17)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	59.20	19.60	AVL-1.2M-F		Digital Data Carrier
18)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	50.10	29.20	AVL-1.2M-F		Digital Data Carrier
19)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1.2M-F		Digital Data Carrier
20)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1.2M-F		Digital Data Carrier
21)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	57.40	17.80	AVL-1.M.		Digital Data Carrier
22)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	48.30	27.40	AVL-1.M.		Digital Data Carrier
23)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1.M.		Digital Data Carrier
24)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1.M.		Digital Data Carrier
25)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	57.40	17.90	AVL-1078		Digital Data Carrier
26)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	48.40	27.40	AVL-1078		Digital Data Carrier
27)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1078		Digital Data Carrier
28)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1078		Digital Data Carrier
29)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	59.20	19.70	AVL-1278		Digital Data Carrier
30)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	50.10	29.20	AVL-1278		Digital Data Carrier
31)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1278		Digital Data Carrier
32)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1278		Digital Data Carrier
33)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	62.70	23.10	AVL-1812		Digital Data Carrier

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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
34)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	53.60	32.70	AVL-1812		Digital Data Carrier
35)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1812		Digital Data Carrier
36)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1812		Digital Data Carrier
37)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	62.70	23.10	AVL-1878		Digital Data Carrier
38)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	53.60	32.70	AVL-1878		Digital Data Carrier
39)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1878		Digital Data Carrier
40)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1878		Digital Data Carrier
41)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	62.70	23.10	AVL-1888		Digital Data Carrier
42)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	53.60	32.70	AVL-1888		Digital Data Carrier
43)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			AVL-1888		Digital Data Carrier
44)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			AVL-1888		Digital Data Carrier
45)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	50.40	10.80	DataPath		Digital Data Carrier
46)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	46.50	25.60	DataPath		Digital Data Carrier
47)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			DataPath		Digital Data Carrier
48)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			DataPath		Digital Data Carrier
49)	14000.0000-14500.0000	V	3M00G7W	Tx	49.11	22.90	Gen. Dyn.		Digital Video and Data
50)	11700.0000-12200.0000	H	3M00G7W	Rx	0.00	0.00	Gen. Dyn.		Digital Video and Data
51)	14000.0000-14500.0000	V	3M00G7W	Tx	37.78	9.03	RAYSAT		Digital Video and Data
52)	11700.0000-12200.0000	H	3M00G7W	Rx			RAYSAT		Digital Video and Data
53)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	59.20	19.70	SAT-1223		Digital Data Carrier
54)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	50.10	29.20	SAT-1223		Digital Data Carrier
55)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			SAT-1223		Digital Data Carrier
56)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			SAT-1223		Digital Data Carrier
57)	14000.0000-14500.0000	H,V,L,R	36M0G7W	Tx	62.60	23.00	SAT-1822		Digital Data Carrier

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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
58)	14000.0000-14500.0000	H,V,L,R	500KG7W	Tx	53.50	32.60	SAT-1822		Digital Data Carrier
59)	11700.0000-12200.0000	H,V,L,R	36M0G7W	Rx			SAT-1822		Digital Data Carrier
60)	11700.0000-12200.0000	H,V,L,R	500KG7W	Rx			SAT-1822		Digital Data Carrier
61)	14000.0000-14500.0000	V	3M00G7W	Tx	51.09	22.90	Toughsat		Digital Video and Data
62)	11700.0000-12200.0000	H	3M00G7W	Rx	0.00	0.00	Toughsat		Digital Video and Data

C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
1)	11700.0000-12200.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		0	Gen. Dyn.
2)	14000.0000-14500.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		34	Gen. Dyn.
3)	14000.0000-14500.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		34	Toughsat
4)	11700.0000-12200.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		0	Toughsat
5)	11700.0000-12200.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		0	AVL 1.2m
6)	14000.0000-14500.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		34	AVL 1.2m
7)	11700.0000-12200.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		0	AVL 1.8
8)	14000.0000-14500.0000	60.0E-143.0W		05.2-05.2		000.0-000.0		34	AVL 1.8
9)	14000.0000-14500.0000	60.0W-143.0W		05.2-05.2				-14	RAYSAT
10)	11700.0000-12200.0000	60.0W-143.0W		05.2-05.2					RAYSAT
11)	14000.0000-14500.0000	60.0W-143.0W		05.2-05.2				34	AVL-1278
12)	11700.0000-12200.0000	60.0W-143.0W		05.2-05.2					AVL-1278
13)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-1078
14)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-1078
15)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	SAT-1223
16)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					SAT-1223
17)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	SAT-1822
18)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					SAT-1822
19)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-0.85M.

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C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.) East Limit	Satellite Arc (Deg. Long.) West Limit	Elevation (Degrees) East Limit	Elevation (Degrees) West Limit	Azimuth (Degrees) East Limit	Azimuth (Degrees) West Limit	Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
20)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-0.85M.
21)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-1.M.
22)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-1.M.
23)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-1.2M-F
24)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-1.2M-F
25)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-1.2M-D
26)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-1.2M-D
27)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-1878
28)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-1878
29)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-1812
30)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-1812
31)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL-1888
32)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL-1888
33)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	AVL- 2.4M.
34)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					AVL- 2.4M.
35)	14000.0000-14500.0000	0.0W-0.0W		05.0-05.0				-14	DataPath
36)	11700.0000-12200.0000	0.0W-0.0W		05.0-05.0					DataPath

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 GALAXY 28 (S2160) @ 89 degrees W.L. (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		AVL 1.2m	100	1.2	AVL	1.2m Mobile 1278KFD	0	1.5 AGL/ 0 AMSL	

Max Gains(s): 42.0 dBi @ 12.0000 GHz 43.2 dBi @ 14.0000 GHz
Maximum total input power at antenna flange (Watts) = 6.00
Maximum aggregate output EIRP for all carriers (dBW) = 50.06

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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	AVL 1.8	100	1.8	AVL	1.8m Mobile 1812K	0	1.5 AGL/ 0 AMSL	
	Max Gains(s): 45.3 dBi @ 12.0000 GHz 46.7 dBi @ 14.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 6.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 53.06							
1	AVL- 2.4M.	50	2.4	AVL	2400KU	0	2.9 AGL	
	Max Gains(s): 48.8 dBi @ 14.0000 GHz 47.0 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 64.80							
1	AVL-0.85M.	50	0.85	AVL	1098FA	0	1.35 AGL	
	Max Gains(s): 40.0 dBi @ 14.0000 GHz 38.5 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 56.00							
1	AVL-1.2M-D	50	1.2	AVL	1278FD	0	1.7 AGL	
	Max Gains(s): 43.2 dBi @ 14.0000 GHz 42.0 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 59.20							
1	AVL-1.2M-F	50	1.2	AVL	1098FA	0	1.7 AGL	
	Max Gains(s): 43.2 dBi @ 14.0000 GHz 41.6 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 59.10							
1	AVL-1.M.	50	1	AVL	1098FA	0	1.5 AGL	
	Max Gains(s): 41.4 dBi @ 14.0000 GHz 39.9 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 57.40							

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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
1	AVL-1078	50	1	AVL	1078	0	1.5 AGL	
	Max Gains(s): 41.4 dBi @ 14.0000 GHz 39.9 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 57.40							
1	AVL-1278	50	1.2	AVL	1278	0	1.7 AGL	
	Max Gains(s): 43.2 dBi @ 14.0000 GHz 41.6 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 59.20							
1	AVL-1812	50	1.8	AVL	1812K	0	2.3 AGL	
	Max Gains(s): 46.7 dBi @ 14.0000 GHz 45.3 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 62.70							
1	AVL-1878	200	1.8	AVL	1878-KU	0	2.3 AGL	
	Max Gains(s): 46.7 dBi @ 14.0000 GHz 45.0 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 62.70							
1	AVL-1888	50	1.8	AVL	1888	0	2.3 AGL	
	Max Gains(s): 46.7 dBi @ 14.0000 GHz 45.0 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 62.70							
1	DataPath	50	0.75	DataPath	QCT90	0	1.25 AGL	
	Max Gains(s): 39.6 dBi @ 14.0000 GHz 37.9 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 12.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 50.40							

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E) Antenna Facilities

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1	Gen. Dyn.	1000	1.2	General Dynamics	1322-1.2M Ku-band	0	1.5 AGL/ 0 AMSL	
	Max Gains(s): 41.4 dBi @ 12.0000 GHz 43.3 dBi @ 14.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 6.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 49.11							
1	RAYSAT	100	1.2	RAYSAT	STEALTHRAY 2000	0	1.5 AGL	
	Max Gains(s): 30.0 dBi @ 14.0000 GHz 27.0 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 6.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 37.78							
1	SAT-1223	50	1.2	SAT-LITE	1223	0	1.7 AGL	
	Max Gains(s): 43.2 dBi @ 14.0000 GHz 41.7 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 59.20							
1	SAT-1822	50	1.8	SAT-LITE	1822	0	2.3 AGL	
	Max Gains(s): 46.6 dBi @ 14.0000 GHz 45.3 dBi @ 12.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 40.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 62.60							
1	Toughsat	100	1.2	Ground Control	1.2m Toughsat XP	0	1.5 AGL/ 0 AMSL	
	Max Gains(s): 42.4 dBi @ 12.0000 GHz 43.3 dBi @ 14.0000 GHz							
	Maximum total input power at antenna flange (Watts) = 6.00							
	Maximum aggregate output EIRP for all carriers (dBW) = 51.09							

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

RADIO STATION AUTHORIZATION

Name: New Cingular Wireless PCS, LLC
Call Sign: E120228
Authorization Type: Modification of License
File Number: SES-MOD-20170516-00563
Non Common Carrier **Grant date:** 08/02/2017 **Expiration Date:** 04/18/2028

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 (IBFS) in the "Other Filings" tab within 10 days of the change.

5 --- Licensee must notify the Commission when an earth station is no longer operational or when it has not been used to provide any service during any 6-month operation.

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.

167 --- This authorization is limited to the total number of terminals listed in Section A of this license for this Site ID.

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) 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.

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

RADIO STATION AUTHORIZATION

Name: New Cingular Wireless PCS, LLC **Call Sign:** E120228
Authorization Type: Modification of License **File Number:** SES-MOD-20170516-00563
Non Common Carrier **Grant date:** 08/02/2017 **Expiration Date:** 04/18/2028

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.

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