



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02113

Wednesday November 14, 2018

Satellite Communications Services Information re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-MFS-20180813-02152 E E120106 AC BidCo LLC
Modification 05/01/2013 - 05/01/2028
Grant of Authority Date Effective: 11/08/2018

Class of Station: Blanket Earth Stations

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service, Other

SITE ID: AES1

LOCATION: UP TO 1000 ESAA TERMINALS (0.24 m) 111 N. CANAL ST., CONUS and OCONUS

ANTENNA ID:	AES1	0.24 meters	AeroSat	HR6400
	14000.0000 - 14500.0000 MHz	8M00G7D	44.50 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	6M94G7D	44.45 dBW	DIGITAL DATA SERVICES
	11700.0000 - 12200.0000 MHz	30M0G7D		Digital Data Services
	10950.0000 - 11200.0000 MHz	30M0G7D		Digital Data Services
	11450.0000 - 11700.0000 MHz	30M0G7D		Digital Data Services
	14000.0000 - 14500.0000 MHz	6M56G7D	44.43 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	6M00G7D	44.40 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	4M10G7D	42.80 dBW	DIGITAL DATA SERVICES
	14000.0000 - 14500.0000 MHz	2M34G7D	44.63 dBW	DIGITAL DATA SERVICES

14000.0000 - 14500.0000 MHz	2M40G7D	43.89 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M50G7D	44.57 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M66G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M79G7D	44.48 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M89G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M90G7D	44.49 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M57G7D	44.53 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	882KG7D	44.56 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	9M36G7D	42.32 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M19G7D	43.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	38.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M40G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M00G7W	44.33 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M20G7W	44.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M67G7W	42.74 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M75G7W	43.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M76G7W	43.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	830KG7W	42.40 dBW	DIGITAL DATA SERVICES
12200.0000 - 12750.0000 MHz	30M0G7D	0.00 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	6M35G7W	43.70 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M50G7W	44.25 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M30G7W	44.50 dBW	Digital Data Services

14000.0000 - 14250.0000 MHz	2M05G7W	42.67 dBW	Digital Data Services
11200.0000 - 11450.0000 MHz	30M0G7W		Digital Data Services
10700.0000 - 12750.0000 MHz	138MG7W		DIGITAL DATA SERVICES

SITE ID: AES2

LOCATION: UP TO 1000 ESAA TERMINALS (0.74 m) 111 N. CANAL ST., CONUS and OCONUS

ANTENNA ID:	AES2	0.74 meters	THINKOM	2KUANTENNA
14000.0000 - 14500.0000 MHz	7M28G7D	41.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	1M51G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	1M80G7D	43.20 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M00G7D	43.90 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M00G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M10G7D	44.20 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M27G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	2M40G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	3M00G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	3M60G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	4M10G7D	41.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	4M80G7D	44.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M60G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M64G7D	40.70 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M83G7D	44.50 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	5M97G7D	43.10 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	6M72G7D	42.30 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	7M17G7D	40.90 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	7M40G7D	41.40 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	7M50G7D	41.60 dBW	DIGITAL DATA SERVICES	
14000.0000 - 14500.0000 MHz	8M00G7D	44.60 dBW	DIGITAL DATA SERVICES	

14000.0000 - 14500.0000 MHz	8M10G7D	43.20 dBW	DIGITAL DATA SERVICES
10950.0000 - 11200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11450.0000 - 11700.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11700.0000 - 12200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
12250.0000 - 12750.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M00G7W	44.71 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M20G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M75G7W	42.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7W	46.98 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M00G7W	50.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M00G7W	45.94 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M00G7W	45.08 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M48G7W	43.87 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	930KG7W	42.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M20G7W	42.43 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M35G7W	44.80 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M05G7W	45.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M50G7W	48.70 dBW	DIGITAL DATA SERVICES
14000.0000 - 14250.0000 MHz	2M05G7W	41.70 dBW	DIGITAL DATA SERVICES
11200.0000 - 11450.0000 MHz	30M0G7W		DIGITAL DATA SERVICES
10700.0000 - 12750.0000 MHz	138MG7W		DIGITAL DATA SERVICES

Points of Communication:

AES1 - ABS-3A (S2987) - (3 W. L.)

AES1 - ABS-3A (S2987) - (3.0 W.L.)

AES1 - AMC 21 - (124.9 W.L.)

AES1 - AMC-1(S2445) - (130.90)

AES1 - AMC-6 (S2347) - (83 W.L.)

AES1 - APSTAR 5 - (138 E.L.)

AES1 - ARSAT-2 - (81.0 W.L.)

AES1 - AsiaSat 7 - (105.5 E.L.)

AES1 - ASTRA 4A - (4.8 E.L.)

AES1 - E117 WA (S2873) - (116.8 W.L.)

AES1 - EUTELSAT115WB(S2938) - (114.9 W.L.)

AES1 - EUTELSAT172B(S3021) - (172 E.L.)

AES1 - GALAXY 17 (S2715) - (91 W.L.)

AES1 - GALAXY 28 (S2160) - (89.0 W.L.)

AES1 - HORIZONS-3 (S2947) - (169 E.L.)

AES1 - INTEL 907 (S2411) - (27.5 W.L.)

AES1 - INTELSAT 14 (S2785) - (45.0 W.L.)

AES1 - INTELSAT 18 (S2817) - (180 E.L.)

AES1 - INTELSAT 19 (S2850) - (166.0 E.L.)

AES1 - INTELSAT 20 - (68.5 E.L.)

AES1 - INTELSAT 21 (S2863) - (58.0 W.L.)

AES1 - INTELSAT 22 - (72.1 E. L.)

AES1 - INTELSAT 29e (S2913) - (50.0 W.L.)

AES1 - INTELSAT 33e (S2939) - (60.0 E.L.)

AES1 - INTELSAT 37e (S2972) - (18.0 W.L.)

AES1 - JCSAT 5A - (132 E.L.)

AES1 - JCSAT-2B - (154 E.L.)

AES1 - OPTUS D2 - (152 E.L.)

AES1 - SES-1 (S2807) - (101.0 W.L.)

AES1 - SES-10 (S2950) - (66.9 W.L.)

AES1 - SES-14 (S2974) - (47.5 W.L.)

AES1 - SES-15 (S2951) - (129.15 W.L.)

AES1 - SES-2 (S2826) - (87 W.L.)

AES1 - SES-3 (S2892) - (103 W.L.)

AES1 - SES-4 (S2828) - (22.0 W.L.)

AES1 - SES-6 (S2870) - (40.5 W.L.)

AES1 - TELSTAR 11N (S2357) - (37.5 W.L.)

AES1 - TELSTAR 12 V (S2933) - (15 W.L.)

AES1 - Yamal 300K - (177 W.L.)

AES1 - Yamal 401 - (90 E.L.)

AES2 - AMC 21 - (124.9 W.L.)

AES2 - AMC-4 (S2135) - (134.9 W.L.)

AES2 - AMC-6 (S2347) - (83 W.L.)

AES2 - AMC-6 (S2347) - (83 W.L.)

AES2 - APSTAR 5 - (138 E.L.)

AES2 - ARSAT-2 - (81.0 W.L.)

AES2 - AsiaSat 7 - (105.5 E.L.)

AES2 - ASTRA 4A - (4.8 E.L.)

AES2 - E117 WA (S2873) - (116.8 W.L.)

AES2 - EUTELSAT115WB(S2938) - (114.9 W.L.)

AES2 - GALAXY 17 (S2715) - (91 W.L.)

AES2 - GALAXY 28 (S2160) - (89.0 W.L.)

AES2 - HORIZONS-3 (S2947) - (169 E.L.)

AES2 - INTEL 907 (S2411) - (27.5 W.L.)

AES2 - INTELSAT 14 (S2785) - (45.0 W.L.)

AES2 - INTELSAT 18 (S2817) - (180 E.L.)

AES2 - INTELSAT 19 (S2850) - (166.0 E.L.)

AES2 - INTELSAT 20 - (68.5 E.L.)

AES2 - INTELSAT 21 (S2863) - (58.0 W.L.)

AES2 - INTELSAT 22 - (72.1 E. L.)

AES2 - INTELSAT 29e (S2913) - (50.0 W.L.)

AES2 - INTELSAT 33e (S2939) - (60.0 E.L.)

AES2 - INTELSAT 37e (S2972) - (18.0 W.L.)

AES2 - JCSAT-110A - (110 E. L.)

AES2 - JCSAT-2B - (154 E.L.)

AES2 - OPTUS D2 - (152 E.L.)

AES2 - SES-1 (S2807) - (101.0 W.L.)

AES2 - SES-10 (S2950) - (66.9 W.L.)

AES2 - SES-14 (S2974) - (47.5 W.L.)

AES2 - SES-15 (S2951) - (129.15 W.L.)

AES2 - SES-3 (S2892) - (103 W.L.)

AES2 - SES-4 (S2828) - (22.0 W.L.)

AES2 - SES-6 (S2870) - (40.5 W.L.)

AES2 - TELSTAR 11N (S2357) - (37.5 W.L.)

AES2 - TELSTAR 12 V (S2933) - (15 W.L.)

AES2 - Yamal 300K - (177 W.L.)

AES2 - Yamal 401 - (90 E.L.)

SES-MOD-20171002-01087 E E990325 MTN License Corp.

Application for Modification

11/22/2009 - 11/22/2024

Withdrawn

Date Effective: 11/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 200 TELEGRAPH HILL ROAD, MONMOUTH, HOLMDEL, NJ

40 ° 23 ' 40.44 " N LAT.

74 ° 10 ' 24.84 " W LONG.

ANTENNA ID:	#4	11.3 meters	COMSAT/RSI	110 OCS
	5925.0000 - 6425.0000 MHz		36M0G7W 80.47 dBW	QPSK DIGITAL, VOICE & DATA SERVICES
	3700.0000 - 4200.0000 MHz		36M0G7W	QPSK DIGITAL, VOICE & DATA SERVICES
	5850.0000 - 5925.0000 MHz		36M0G7W 80.47 dBW	QPSK DIGITAL, VOICE & DATA SERVICES

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180601-01122 E E000468 Fox Broadcasting Company

Application for Modification

07/28/2010 - 07/28/2025

Grant of Authority

Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5151 WISCONSIN AVE. NW, DISTRICT OF COLUMB, WASHINGTON, DC
38 ° 57 ' 24.40 " N LAT. 77 ° 4 ' 58.40 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORP.	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0F8F	Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-MOD-20180905-02506~~ E E930229 DIRECTV Enterprises, LLC
Application for Modification 11/19/2018 - 11/19/2033
Grant of Authority Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2857 FORK CREEK CHURCH RD (PAS ATLANTA), DEKALB, ELLENWOOD, GA
33 ° 39 ' 50.00 " N LAT. 84 ° 16 ' 24.00 " W LONG.

ANTENNA ID:	AK32	8.1 meters	VERTEX	8.1 KPK	
	17300.0000 - 17800.0000 MHz		750KF2D	86.70 dBW	750 KHz FM Command Data Carrier
	17300.0000 - 17800.0000 MHz		25M0M1F	87.40 dBW	25 MHz Phase Modulated Digital Video Carrier
	12200.0000 - 12700.0000 MHz		750KF2D		750 KHz FM Command Data Carrier
	12200.0000 - 12700.0000 MHz		25M0M1F		25 MHz Phase Modulated Digital Video Carrier
ANTENNA ID:	AK31	8.1 meters	VERTEX	8.1 KPK	
	17300.0000 - 17800.0000 MHz		750KF2D	86.70 dBW	750 KHz FM Command Data Carrier
	17300.0000 - 17800.0000 MHz		25M0M1F	87.40 dBW	25 MHz Phase Modulated Digital Video Carrier
	12200.0000 - 12700.0000 MHz		750KF2D		750 KHz FM Command Data Carrier
	12200.0000 - 12700.0000 MHz		25M0M1F		25 MHz Phase Modulated Digital Video Carrier

Points of Communication:

SES-REG-20180622-01679 E E180996 Carnegie Telephone Company
Registration 06/22/2018 - 06/22/2033
Grant of Authority Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 25 S Colorado St. (Carnegie - DT), Caddo, Carnegie, OK
35 ° 6 ' 19.62 " N LAT. 98 ° 36 ' 21.84 " W LONG.

ANTENNA ID: 2 3.8 meters Patriot 3.8M.
3700.0000 - 4200.0000 MHz 36M0G7W QPSK, 8PSK, ANALOG

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01918 E E181179 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 24380 State Route 60 (MI 003), St Joseph, Mendon, MI
42 ° 0 ' 23.50 " N LAT. 85 ° 28 ' 41.90 " W LONG.

ANTENNA ID: ANT 1 3.8 meters DH Gibraltar
3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180627-01919 E E181180 Mediacom Communications Corporation
Registration 06/27/2018 - 06/27/2033
Grant of Authority Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 143 50 15.8 N
LOCATION: 1593 Industrial Drive (MN 012), Olmsted, Chatfield, MN
43 ° 50 ' 15.80 " N LAT. 92 ° 10 ' 11.30 " W LONG.

ANTENNA ID: ANT 1 3.8 meters DH Gibraltar

3700.0000 - 4200.0000 MHz

36M0G7D

Video

Points of Communication:

143 50 15.8 N - PERMITTED LIST - ()

SES-REG-20180627-01922 E E181183 Marquee Broadcasting Kentucky, Inc.

Registration

06/27/2018 - 06/27/2033

Grant of Authority

Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 325 Emmett Ave., Warren, Bowling Green, KY

36 ° 58 ' 11.00 " N LAT.

86 ° 28 ' 26.80 " W LONG.

ANTENNA ID: 1 5 meters Scientific Atlanta 5.0M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 2 4 meters AFC 4.0M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 3 4.5 meters DH 4.5M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01884 E E181152 Cox Communications, Inc

Registration

06/25/2018 - 06/25/2033

Grant of Authority

Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 12221 Plaza Drive, Cuyahoga, PARMA, OH

41 ° 23 ' 47.80 " N LAT.

81 ° 46 ' 40.40 " W LONG.

ANTENNA ID: 3.7DH 3.7 meters DH Satellite DH37P

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01885 E E181153 Cox Communications, Inc
Registration 06/26/2018 - 06/26/2033
Grant of Authority Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 170 Utopia Rd, Hartford, MANCHESTER, CT
41 ° 48 ' 12.90 " N LAT. 72 ° 30 ' 34.00 " W LONG.

ANTENNA ID: 6.1Sc 6.1 meters Scientific Atlanta 8340
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01886 E E181154 Cox Communications, Inc
Registration 06/26/2018 - 06/26/2033
Grant of Authority Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 11 J.P. Murphy Highway, Kent, WEST WARWICK, RI
41 ° 40 ' 16.20 " N LAT. 71 ° 30 ' 24.90 " W LONG.

ANTENNA ID: 4.5SC 4.5 meters SCIENTIFIC-ATLANTA, INC 8345 4.5 METER
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180628-01887 E E181155 Cox Communications, Inc
Registration 06/22/2018 - 06/22/2033
Grant of Authority Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 12221 Plaza Drive, Cuyahoga, PARMA, OH
41 ° 23 ' 47.80 " N LAT. 81 ° 46 ' 40.20 " W LONG.

ANTENNA ID: 3.7PR 3.7 meters PRODELIN CORPORATION 136-750

3700.0000 - 4200.0000 MHz	36M0F8F	0.00 dBW	Modulation and Services Modulation and Services Analog Video with Associated Subcarriers
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Points of Communication:

Site 1 - PERMITTED LIST - ()

Site 2 - PERMITTED LIST - ()

SES-REG-20180703-01894	E E181160	Comcast Cable Communications Management, LLC	
Registration			06/21/2018 - 06/21/2033
Grant of Authority			Date Effective: 11/09/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 140 Fire Tower Road, Morgan, BURRVILLE, TN
36 ° 17 ' 48.30 " N LAT. 84 ° 45 ' 1.50 " W LONG.

ANTENNA ID: 2.8PA 2.8 meters PATRIOT 2.8 METER

3700.0000 - 4200.0000 MHz	36M0F8W	0.00 dBW	Digital Video Carrier
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Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180713-03060	E E930370	Comcast Cable Communications Management, LLC	
Renewal			08/27/2018 - 08/27/2033
Grant of Authority			Date Effective: 11/13/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 4100 E. DRY CREEK ROAD (S. SUBURBAN #2), ARAPAHOE, LITTLETON, CO
39 ° 34 ' 45.00 " N LAT. 104 ° 56 ' 18.00 " W LONG.

ANTENNA ID: 1 9 meters VERTEX COMM. 9 KPK

14000.0000 - 14500.0000 MHz	36M0F1W	91.40 dBW
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14000.0000 - 14500.0000 MHz	36M0F2W	91.40 dBW
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14000.0000 - 14500.0000 MHz	36M0F3W	91.40 dBW
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14000.0000 - 14500.0000 MHz	36M0F7W	91.40 dBW
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14000.0000 - 14500.0000 MHz	36M0F8W	91.40 dBW
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14000.0000 - 14500.0000 MHz	36M0F9W	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0FXW	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0G1W	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0G2W	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0G3W	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0G7W	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0G8W	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0G9W	91.40 dBW
14000.0000 - 14500.0000 MHz	36M0GXW	91.40 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20180919-02780 E E030170 SpeedCast Communications Inc

Renewal

10/14/2018 - 10/14/2033

Grant of Authority

Date Effective: 11/13/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4400 SOUTH SAM HOUSTON PARKWAY EAST, HARRIS, HOUSTON, TX

29 ° 35 ' 54.00 " N LAT. 95 ° 20 ' 50.00 " W LONG.

ANTENNA ID: 1	7.6 meters	ANDREW	7.6 ESA
5925.0000 - 6425.0000 MHz	1M85G7D	76.55 dBW	DIGITAL DATA CARRIER
5925.0000 - 6425.0000 MHz	200KG7D	66.88 dBW	DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	1M85G7D		DIGITAL DATA CARRIER
3700.0000 - 4200.0000 MHz	200KG7D		DIGITAL DATA CARRIER
ANTENNA ID: 2	2.4 meters	SEATEL	9797
5925.0000 - 6425.0000 MHz	1M43G7W	46.33 dBW	DIGITAL
3700.0000 - 4200.0000 MHz	1M43G7W		DIGITAL
ANTENNA ID: 3	4.5 meters	ANDREW	4.5M

5925.0000 - 6425.0000 MHz	3M28G7W	57.00 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	410KG7W	48.00 dBW	DIGITAL
3700.0000 - 4200.0000 MHz	3M28G7W		DIGITAL
3700.0000 - 4200.0000 MHz	410KG7W		DIGITAL

Points of Communication:

- 1 - AMAZONAS 1 (S2622) - (61 W.L.)
- 1 - Eutelsat113WA(S2695) - (113 W.L.)
- 1 - EUTELSAT117WA(S2873) - (116.8 W.L.)
- 1 - INTELSAT 35e(S2959) - (34.5 W.L.)
- 1 - INTELSAT 707 - (53 W.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PERMITTED LIST - ()

SES-RWL-20180920-02774 E E030184 WHDH-TV
 Renewal 10/10/2018 - 10/10/2033
 Grant of Authority Date Effective: 11/13/2018

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: VARIOUS

ANTENNA ID: 1	1.5 meters	Vertex	1.5 SMK-LT
14000.0000 - 14500.0000 MHz	24M0G7F	62.24 dBW	PSK Digital Video w/digital audio/data

Points of Communication:

- 1 - PERMITTED LIST - ()

SES-RWL-20180927-02885 E E030192 GCI Communication Corp.
 Renewal 10/14/2018 - 10/14/2033
 Grant of Authority Date Effective: 11/13/2018

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: State of Alaska
 LOCATION: USA, VARIOUS

ANTENNA ID: 3.6m	3.6 meters	VCiaSat (Scientific Atlantic)	8136
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5925.0000 - 6425.0000 MHz	36M0G7W	61.30 dBW	QAM Modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	60K0G7W	34.40 dBW	QAM Modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	36M0G7W	61.30 dBW	PSK Modulation for telephony, facsimile and data
5925.0000 - 6425.0000 MHz	60K0G7W	53.10 dBW	PSK Modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	36M0G7W		QAM Modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	60K0G7W		QAM Modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	36M0G7W		PSK Modulation for telephony, facsimile and data
3700.0000 - 4200.0000 MHz	60K0G7W		PSK Modulation for telephony, facsimile and data

Points of Communication:

State of Alaska - PERMITTED LIST - ()

SES-RWL-20181005-03088 E E6395 Gray Television Licensee, LLC
 Renewal 11/04/2018 - 11/04/2033
 Grant of Authority Date Effective: 11/13/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: PENNINGTON, RAPID CITY, SD
 44 ° 4 ' 6.00 " N LAT. 103 ° 15 ' 3.00 " W LONG.

ANTENNA ID: 1 7 meters SCIENTIFIC ATLANTA 8010

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20181008-03114 E E030356 Indian River State College
 Renewal 12/18/2018 - 12/18/2033
 Grant of Authority Date Effective: 11/13/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 3209 VIRGINIA AVE (WQCS-FM), SAINT LUCIE, FORT PIERCE, FL
27 ° 25 ' 17.00 " N LAT. 80 ° 21 ' 24.80 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF
3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL BROADCAST AUDIO CARRIER
3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20180827-02509 E E181611 Maris Developments
Special Temporary Authority
Grant of Authority Date Effective: 11/07/2018

Class of Station:

On November 7, 2018, Maris Developments was granted special temporary authority for 30 days, beginning November 7, 2018, to operate a fixed earth station in Boardman, OR to communicate with the DigitalGlobe Constellation's of Non-Geostationary Orbit (NGSO) Earth Exploration Satellite Service (EESS) satellites in the 402.0-403.0 MHz, 432.0-438.0 MHz, 449.75-451.25 MHz, and 2025-2110 MHz (Earth-to-space), and 401.0-403.0 MHz and 8025-8400 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20181008-03099 E E020324 Westar Satellite Services LP
Special Temporary Authority
Grant of Authority Date Effective: 11/07/2018

Class of Station:

On November 7, 2018, Westar Satellite Services LP was granted special temporary authority for 60 days, beginning November 7, 2018, to operate its fixed earth station in Cedar Hill, TX to communicate with the AMC-15 (S2180) satellite at the 105.05° W orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20181024-03157 E E040125 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 11/13/2018

Class of Station:

On November 13, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning November 14, 2018, to operate its fixed earth station in Riverside, CA to provide early orbit phase (LEOP) services for the GSAT-29 satellite licensed by India as it proceeds to the 55.0° E.L. orbital location on the following center frequencies: 6410.896 MHz, 6415.0 MHz and 4187.520 MHz (Earth-to-space); and 4187.520 MHz and 4197.504 MHz (space-to-Earth).

Points of Communication:

SES-STA-20181024-03158 E E4132 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 11/13/2018

Class of Station:

On November 13, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning November 14, 2018, to operate its fixed earth station in Fillmore, CA to provide early orbit phase (LEOP) services for the GSAT-29 satellite licensed by India as it proceeds to the 55.0° E.L. orbital location on the following center frequencies: 6410.896 MHz, 6415.0 MHz and 4187.520 MHz (Earth-to-space); and 4187.520 MHz and 4197.504 MHz (space-to-Earth).

Points of Communication:

SES-STA-20181029-03156 E KL92 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 11/13/2018

Class of Station:

On November 13, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning November 14, 2018, to operate its fixed earth station in Castle Rock, CO to provide early orbit phase (LEOP) services for the Es'hail 2 satellite licensed by Qatar as it proceeds to the 25.9° E.L. orbital location on the following center frequencies: 12756.0 MHz and 13244.0 MHz (Earth-to-space); and 10706.0 MHz and 11205.0 MHz (space-to-Earth).

Points of Communication:

SES-T/C-20180911-02704 E E010177 Globecom License Sub LLC

Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 11/08/2018

Current Licensee: Globecom License Sub LLC

FROM: Existing Members of HCT Acquisition, LLC

TO: SpeedCast Americas, Inc.

No. of Station(s) listed: 14

SES-T/C-20180911-02705 E E000251 Globecom License Sub LLC

Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 11/08/2018

Current Licensee: Globecom License Sub LLC

FROM: Existing Members of HCT Acquisition, LLC

TO: SpeedCast Americas, Inc.

No. of Station(s) listed: 3

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.