



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
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Report No. SES-01999

Wednesday October 11, 2017

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-AMD-20170927-01074 E E170147 Bushtex, Inc.
Amendment
Withdrawn Date Effective: 10/06/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Other

SITE ID: HUB
LOCATION: 723 West Guadalupe Road, Maricopa, Gilbert, AZ
33 ° 21 ' 50.00 " N LAT. 111 ° 48 ' 20.00 " W LONG.

ANTENNA ID: HUB 4.5 meters ASC Signal BTX 450
14000.0000 - 14500.0000 MHz 36M0G7W 60.80 dBW QPSK; DATA

Points of Communication:

HUB - PERMITTED LIST - ()

SES-AMD-20170927-01075 E E170147 Bushtex, Inc.
Amendment
Withdrawn Date Effective: 10/06/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: HUB
LOCATION: 723 West Guadalupe Road, Maricopa, Gilbert, AZ
33 ° 21 ' 50.00 " N LAT. 111 ° 48 ' 20.00 " W LONG.

ANTENNA ID: HUB 4.5 meters ASC Signal BTX 450 S
14000.0000 - 14500.0000 MHz 36M0G7W 60.80 dBW QPSK; DATA

Points of Communication:

HUB - PERMITTED LIST - ()

SES-LIC-20170626-00682 E E170121 Intelsat License LLC

Application for Authority

10/04/2017 - 10/04/2032

Grant of Authority

Date Effective: 10/04/2017

Class of Station: Blanket Earth Stations**Nature of Service:** Earth Station Aboard Aircraft, Fixed Satellite Service

SITE ID: TECOM Remotes

LOCATION: 2875 Fork Creek Church Road .65 METER, (1000 UNITS), Ellenwood, GA

ANTENNA ID:	TECOM	0.65 meters	TECOM	1500
14000.0000 - 14500.0000 MHz		2M59G7W	42.50 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz		375KG7W	34.10 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz		54M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz		18M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz		1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz		54M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz		18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11700.0000 MHz		1M20G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz		54M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz		18M0G7W	0.00 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz		1M20G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz		54M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz		18M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz		1M20G7W	0.00 dBW	Digital Data Services
12500.0000 - 12750.0000 MHz		54M0G7W	0.00 dBW	Digital Data Services
12500.0000 - 12750.0000 MHz		18M0G7W	0.00 dBW	Digital Data Services
12500.0000 - 12750.0000 MHz		1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz		54M0G7W	0.00 dBW	Digital Data Services

11450.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	2M59G7W	42.50 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	375KG7W	34.10 dBW	Digital Data Services

SITE ID: Rantec Remotes
LOCATION: 2875 Fork Creek Church Road .46 METER, (1000 UNITS), Ellenwood, GA

ANTENNA ID:	Rantec	0.46 meters	Rantec Microwave Systems	Rantec SATCOM
14000.0000 - 14500.0000 MHz	7M05G7W	43.40 dBW	Digital Data Services	
14000.0000 - 14500.0000 MHz	375KG7W	30.60 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
11700.0000 - 12200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
11450.0000 - 11700.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
11450.0000 - 11700.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
11450.0000 - 11700.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
10950.0000 - 11200.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
10950.0000 - 11200.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	
10950.0000 - 11200.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services	
12500.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services	
12500.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services	

12500.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
12250.0000 - 12750.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11450.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
11700.0000 - 11950.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	54M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	18M0G7W	0.00 dBW	Digital Data Services
12200.0000 - 12250.0000 MHz	1M20G7W	0.00 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	7M05G7W	43.40 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	375KG7W	30.60 dBW	Digital Data Services

Points of Communication:

Rantec Remotes - GALAXY 19 (S2647) - (97 W.L.)

Rantec Remotes - HORIZONS 1 - (127 WL)

Rantec Remotes - HORIZONS-3 (S2947) - (169 E.L.)

Rantec Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

Rantec Remotes - INTELSAT 17 (S2814) - (66 E.L.)

Rantec Remotes - INTELSAT 18 (S2817) - (180 E.L.)

Rantec Remotes - INTELSAT 19 (S2850) - (166.0 E.L.)

Rantec Remotes - INTELSAT 20 - (68.5 E.L.)

Rantec Remotes - INTELSAT 21 (S2863) - (58.0 W.L.)

Rantec Remotes - INTELSAT 22 - (72.1 E. L.)

Rantec Remotes - INTELSAT 23 - (53 W. L.)

Rantec Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

Rantec Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

Rantec Remotes - INTELSAT 34(S2915) - (55.5 W.L.)

Rantec Remotes - INTELSAT 35e(S2959) - (34.5 W.L.)

Rantec Remotes - INTELSAT 37e (S2972) - (18.0 W.L.)

Rantec Remotes - PERMITTED LIST - ()

Rantec Remotes - SKY-B1(S2922) - (43.15 W.L.)

TECOM Remotes - GALAXY 19 (S2647) - (97 W.L.)

TECOM Remotes - HORIZONS 1 - (127 WL)

TECOM Remotes - HORIZONS-3 (S2947) - (169 E.L.)

TECOM Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

TECOM Remotes - INTELSAT 17 (S2814) - (66 E.L.)

TECOM Remotes - INTELSAT 18 (S2817) - (180 E.L.)

TECOM Remotes - INTELSAT 19 (S2850) - (166.0 E.L.)

TECOM Remotes - INTELSAT 20 - (68.5 E.L.)

TECOM Remotes - INTELSAT 21 (S2863) - (58.0 W.L.)

TECOM Remotes - INTELSAT 22 - (72.1 E. L.)

TECOM Remotes - INTELSAT 23 - (53 W. L.)

TECOM Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

TECOM Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

TECOM Remotes - INTELSAT 34(S2915) - (55.5 W.L.)

TECOM Remotes - INTELSAT 35e(S2959) - (34.5 W.L.)

TECOM Remotes - INTELSAT 37e (S2972) - (18.0 W.L.)

TECOM Remotes - PERMITTED LIST - ()

TECOM Remotes - SKY-B1(S2922) - (43.15 W.L.)

SES-MFS-20170725-00793 E E120106 AC BidCo LLC

Modification

05/01/2013 - 05/01/2028

Grant of Authority

Date Effective: 10/04/2017

Class of Station: Fixed Earth Stations

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

SITE ID: AES1
LOCATION: UP TO 1000 ESAA TERMINALS (0.24 m), 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

SITE ID: AES2
LOCATION: UP TO 1000 ESAA TERMINALS (0.74 m), 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

Points of Communication:

- AES1 - AMC 21 - (124.9 W.L.)
- AES1 - AMC-1(S2445) - (129.15)
- AES1 - AMC-4 (formerly GE-4 - (67 W.L.)
- AES1 - AMC-6 (S2347) - (85 W.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 - EUTELSAT 172A(S2610) - (172 E. L.)
- AES1 - EUTELSAT115WB(S2938) - (114.9 W.L.)
- AES1 - GALAXY 17 (S2715) - (91 W.L.)
- AES1 - GALAXY 28 (S2160) - (89.0 W.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 904 - (60 E.L.)

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

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

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

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

AES1 - SES-10 (S2950) - (66.9 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-1(S2445) - (129.15)

AES2 - AMC-4 (formerly GE-4 - (67 W.L.)

AES2 - AMC-6 (S2347) - (85 W.L.)

AES2 - AMC-6 (S2347) - (85 W.L.)

AES2 - APSTAR V - (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 - 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 904 - (60 E.L.)

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

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

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

AES2 - SES-10 (S2950) - (66.9 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-20170814-00915 E E150098 EchoStar Operating L.L.C.

Application for Modification
Grant of Authority

09/15/2015 - 09/15/2030
Date Effective: 10/04/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: 10020 Liberty Street, Meade, Summerset, SD
44 ° 11 ' 14.40 " N LAT.

103 ° 20 ' 9.60 " W LONG.

ANTENNA ID: 1 9.2 meters General Dynamics 9.2m

17790.0000 - 17800.0000 MHz 1M50F2D 81.84 dBW Telecommand

17310.0000 - 17790.0000 MHz 24M0G7W 87.00 dBW Digital Compressed Video

ANTENNA ID: 1 5 meters SCIENTIFIC-ATLANTA 8008B (5 METER)
3700.0000 - 4200.0000 MHz 25M0F8W

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170803-00854 E E4708 ABC, Inc.
Renewal 09/03/2017 - 09/03/2032
Grant of Authority Date Effective: 10/10/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 4100 City Ave, PHILADELPHIA, PHILADELPHIA, PA
40 ° 0 ' 20.10 " N LAT. 75 ° 12 ' 51.20 " W LONG.

ANTENNA ID: 1 7 meters SCIENTIFIC ATLANTA 8010
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170911-01000 E E4206 Wire Tele View Corp.
Renewal 09/11/2017 - 09/11/2032
Grant of Authority Date Effective: 10/04/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 603 E. MARKET ST., SCHUYLKILL, POTTSVILLE, PA
40 ° 40 ' 0.60 " N LAT. 76 ° 9 ' 46.00 " W LONG.

ANTENNA ID: 1 5 meters AFC/MICRODYNE PR-16.4
3700.0000 - 4200.0000 MHz 36M0F3F

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01004 E E4931 Scripps Broadcasting Holdings LLC
Renewal 10/29/2017 - 10/29/2032
Grant of Authority Date Effective: 10/05/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: DAVIDSON, NASHVILLE, TN
36 ° 16 ' 3.00 " N LAT. 86 ° 47 ' 19.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008B
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01011 E E910483 BFI Licenses, LLC
Renewal 12/10/2017 - 12/10/2032
Grant of Authority Date Effective: 10/06/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 6221 Holy Drive, Anoka, Lino Lakes, MN
45 ° 7 ' 52.90 " N LAT. 93 ° 5 ' 42.80 " W LONG.

ANTENNA ID: 1 2.4 meters Prodelin 1244-503
14000.0000 - 14500.0000 MHz 6M60G7D 62.20 dBW digital carrier
14000.0000 - 14500.0000 MHz 180KG7D 51.70 dBW digital carrier
14000.0000 - 14500.0000 MHz 36M0F3F 62.20 dBW analog video
11700.0000 - 12200.0000 MHz 6M60G7D digital carrier
11700.0000 - 12200.0000 MHz 180KG7D digital carrier
11700.0000 - 12200.0000 MHz 36M0F3F analog video

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01014 E E4730 BFI Licenses, LLC
Renewal 09/03/2017 - 09/03/2032
Grant of Authority Date Effective: 10/05/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 250 HARBOR DRIVE, FAIRFIELD, STAMFORD, CT
41 ° 4 ' 32.30 " N LAT. 73 ° 31 ' 13.40 " W LONG.

ANTENNA ID: 1 11 meters SCIENTIFIC ATLANTA 8007-2

5925.0000 - 6425.0000 MHz 36M0F3F 88.90 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 82.06 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 78.32 dBW

5925.0000 - 6425.0000 MHz 24M0G7W 78.32 dBW

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz 24M0G7W

ANTENNA ID: 2 10 meters SCIENTIFIC ATLANTA 8002-2

5925.0000 - 6425.0000 MHz 36M0F3F 87.20 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 82.06 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 78.32 dBW

5925.0000 - 6425.0000 MHz 24M0G7W 78.32 dBW

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz 24M0G7W

ANTENNA ID: 3 11 meters SCIENTIFIC ATLANTA 8016

5925.0000 - 6425.0000 MHz 36M0F3F 88.90 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 82.06 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 78.32 dBW

5925.0000 - 6425.0000 MHz 24M0G7W 78.32 dBW

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz	36M0F3F			
3700.0000 - 4200.0000 MHz	36M0F3F			
3700.0000 - 4200.0000 MHz	24M0G7W			
ANTENNA ID: 4	9 meters	VERTEX COMMUNICATIONS		KPC
5925.0000 - 6425.0000 MHz	36M0G1F	80.03 dBW		COMPRESSED DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	2M00G1F	77.80 dBW		COMPRESSED DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW		DIGITAL, VARIOUS FEC, DATA RATES, MODULATION AND INFO.
5925.0000 - 6425.0000 MHz	51K2G7W	61.90 dBW		DIGITAL, VARIOUS FEC, DATA RATES, MODULATION AND INFO.
5925.0000 - 6425.0000 MHz	36M0F3F	80.00 dBW		STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
3700.0000 - 4200.0000 MHz	36M0G1F			COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	2M00G1F			COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G7W			DIGITAL, VARIOUS FEC, DATA RATES, MODULATION AND INFO.
3700.0000 - 4200.0000 MHz	51K2G7W			DIGITAL, VARIOUS FEC, DATA RATES, MODULATION AND INFO.
3700.0000 - 4200.0000 MHz	36M0F3F			STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170914-01007 E KA341 Vyvx, LLC
 Renewal 10/20/2017 - 10/20/2032
 Grant of Authority Date Effective: 10/05/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1
 LOCATION: 9174 SOUTH JAMAICA STREET, ENGLEWOOD, CO
 39 ° 33 ' 1.00 " N LAT. 104 ° 51 ' 53.00 " W LONG.

ANTENNA ID: 1	9.3 meters	ANDREW		ES93
5925.0000 - 6425.0000 MHz	25M0F8W	79.50 dBW		ANALOG VIDEO

5925.0000 - 6425.0000 MHz	36M0G1D	79.50 dBW	45 MBPS DATA
5925.0000 - 6425.0000 MHz	8M00G1D	79.50 dBW	8 MBPS DATA
5925.0000 - 6425.0000 MHz	36M0G1F	79.50 dBW	45 MBPS Digital VIDEO
5925.0000 - 6425.0000 MHz	8M00G1F	79.50 dBW	8 MBPS Digital VIDEO
3700.0000 - 4200.0000 MHz	25M0F8W		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G1D		45 MBPS DATA
3700.0000 - 4200.0000 MHz	8M00G1D		8 MBPS DATA
3700.0000 - 4200.0000 MHz	36M0G1F		45 MBPS Digital VIDEO
3700.0000 - 4200.0000 MHz	8M00G1F		8 MBPS Digital VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170914-01020 E E920588 Vyvx, LLC
 Renewal 10/23/2017 - 10/23/2032
 Grant of Authority Date Effective: 10/06/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 9174 South Jamaica Street, ARAPAHOE, ENGLEWOOD, CO
 39 ° 33 ' 1.00 " N LAT. 104 ° 51 ' 53.00 " W LONG.

ANTENNA ID: 1	10 meters	SCIENTIFIC ATLANTA	8002A
5925.0000 - 6425.0000 MHz	36M0F8F	79.50 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO
5925.0000 - 6425.0000 MHz	36M0G7W	80.03 dBW	DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION
5925.0000 - 6425.0000 MHz	51K2G7W	51.56 dBW	DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO WITH ASSOCIATED AUDIO
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION

3700.0000 - 4200.0000 MHz

51K2G7W

DIGITAL TRAFFIC, VARIOUS FEC,
DATA RATES, MODULATION AND
INFORMATION

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170914-01022 E KA342 Vyvx, LLC

Renewal

10/30/2017 - 10/30/2032

Grant of Authority

Date Effective: 10/06/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, International Fixed Satellite Service

SITE ID: 1

LOCATION: 9174 SOUTH JAMAICA STREET, ENGLEWOOD, CO

39 ° 33 ' 1.00 " N LAT.

104 ° 51 ' 53.00 " W LONG.

ANTENNA ID:	1	10 meters	SCIENTIFIC-ATLANTA	8002A
5925.0000 - 6425.0000 MHz	25M0F8W	79.50 dBW	ANALOG VIDEO	
5925.0000 - 6425.0000 MHz	36M0G1D	79.50 dBW	45 MBPS Digital DATA	
5925.0000 - 6425.0000 MHz	8M00G1D	79.50 dBW	8 MBPS Digital DATA	
5925.0000 - 6425.0000 MHz	36M0G1F	79.50 dBW	45 MBPS Digital VIDEO	
5925.0000 - 6425.0000 MHz	8M00G1F	79.50 dBW	8 MBPS Digital VIDEO	
3700.0000 - 4200.0000 MHz	25M0F8W	ANALOG VIDEO		
3700.0000 - 4200.0000 MHz	36M0G1D	45 MBPS Digital DATA		
3700.0000 - 4200.0000 MHz	8M00G1D	8 MBPS Digital DATA		
3700.0000 - 4200.0000 MHz	36M0G1F	45 MBPS Digital VIDEO		
3700.0000 - 4200.0000 MHz	8M00G1F	45 MBPS Digital VIDEO		

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170929-01088 E WL26 Cebridge Acquisition, L.P.

Renewal

12/10/2017 - 12/10/2032

Grant of Authority

Date Effective: 10/04/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: WETZEL, NEW MARTINSVILLE, WV
39 ° 39 ' 26.00 " N LAT. 80 ° 50 ' 10.00 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA FOR COMMUNICATIONS PR-16.4
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20171006-01115 E E020278 Billy Graham Evangelistic Association
Renewal 11/18/2017 - 11/18/2032
Grant of Authority Date Effective: 10/10/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: CONUS

ANTENNA ID: 1 2.4 meters ANDREW CORPORATION ES24SNG-LT-25
14000.0000 - 14500.0000 MHz 36M0G7W 74.44 dBW ONE 36MBIT MCPC DIGITAL CARRIER FOR VOICE/DATA
14000.0000 - 14500.0000 MHz 36M0F8W 74.44 dBW ONE WIDE BAND 36 MHZ FREQUENCY MODULATED VIDEO CARRIER WITH ASSOCIATED

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20171009-01114 E E020289 Lockheed Martin Corporation
Renewal 12/10/2017 - 12/10/2032
Grant of Authority Date Effective: 10/10/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID: 1 2.4 meters VERTEX COMMUNICATIONS DMK
14000.0000 - 14500.0000 MHz 3M82G7D 57.60 dBW DIGITAL TELEMETRY
14000.0000 - 14500.0000 MHz 269KG7D 44.90 dBW DIGITAL DATA

14000.0000 - 14500.0000 MHz	14K9G7E	34.10 dBW	DIGITAL VOICE
14000.0000 - 14500.0000 MHz	7M63G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	3M82G7D		DIGITAL TELEMETRY
11700.0000 - 12200.0000 MHz	269KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	14K9G7E		DIGITAL VOICE
11700.0000 - 12200.0000 MHz	7M63G7D		DIGITAL DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20170926-01057 E E000296 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/02/2017

Class of Station:

On October 2, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning October 2, 2017, to operate its fixed earth station in Hagerstown, MD to provide: (1) launch and early orbit phase (LEOP) services for the Intelsat 37e satellite, (2) telemetry, tracking and command (TT&C) functions during in-orbit testing (IOT) for the Intelsat 37e satellite at the 17.5° W.L. orbital location, and (3) TT&C functions during the satellite's drift to the 18° W.L. orbital location. Operations will continue to be on the following center frequencies: 4197.75 MHz, 4189.25 MHz, 4198.75 MHz and 4199.25 MHz (space-to-Earth), and in the 6421.5-6425.0 MHz and 5850.0-5853.5 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170926-01058 E KA275 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/02/2017

Class of Station:

On October 2, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning October 2, 2017, to operate its fixed earth station in Hagerstown, MD to provide: (1) launch and early orbit phase (LEOP) services for the Intelsat 37e satellite, (2) telemetry, tracking and command (TT&C) functions during in-orbit testing (IOT) at the 17.5° W.L. orbital location, and (3) TT&C functions as the satellite drifts to the 18° W.L. orbital location. Operations will continue to be on the following center frequencies: 4197.75 MHz, 4189.25 MHz, 4198.75 MHz and 4199.25 MHz (space-to-Earth), and in the 6421.5-6425.0 MHz and 5850.0-5853.5 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20170927-01079 E KA258 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 10/10/2017

Class of Station:

On October 10, 2017, Intelsat License LLC was granted a special temporary authority for 30 days, beginning October 23, 2017, to operate a fixed earth station antenna in Hagerstown, Maryland to provide launch and early orbit phase (LEOP) services for the SES-15 satellite (licensed by Luxemburg) on the following center frequencies: 13999.0 MHz, 14001.0 MHz, 14499.0 MHz, and 14501.0 MHz (Earth-to-space), and 10700.5 MHz and 12199.5 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170927-01080 E KL92 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/03/2017

Class of Station:

On October 3, 2017, Intelsat License, LLC was granted special temporary authority for 30 days, beginning October 2, 2017, to operate a fixed earth station in Castle Rock, CO to provide launch and early orbit phase (LEOP) services for the SES-15 satellite (licensed by Luxemburg) on the following center frequencies: 13999.0 MHz, 14001.0 MHz, 14499.0 MHz, and 14501.0 MHz (Earth-to-space), and 10700.5 MHz and 12199.5 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170929-01089 E E030342 LBiSat LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/03/2017

Class of Station:

On October 3, 2017, LBiSat LLC, was granted special temporary authority for 30 days, beginning October 4, 2017, to operate a fixed earth station in South Jordan, UT to communicate with the Telstar 12 (S2462) satellite at the 109.2° W.L. orbital location on center frequency band 13.75-14.0 GHz (Earth-to-space).

Points of Communication:

SES-STA-20171002-01091 E E060384 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/06/2017

Class of Station:

On October 6, 2017, Intelsat License LLC, was granted special temporary authority for 30 days, beginning October 9, 2017, to operate a fixed earth station in Riverside, CA to provide telemetry, tracking and command (TT&C) functions for the Eutelsat 172B satellite (licensed by France) during in-orbit testing (IOT) at the 176° E.L. orbital location on the following center frequencies: 13750.60 MHz, 13753.60 MHz, 13999.50 MHz, 14002.50 MHz, 14496.80 MHz and 14499.80 MHz (Earth-to-space), and 11200.6 MHz and 12250.10 MHz (space-to-Earth).

Points of Communication:

SES-STA-20171002-01093 E E080100 Row 44 Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 10/06/2017

Class of Station:

On October 6, 2017, Row 44, Inc. was granted special temporary authority for 30 days, beginning October 6, 2017, to operate TECOM 0.62-meter and QEST 0.63-meter earth station aboard aircraft (ESAA) terminals to communicate with the Telstar 12 (S2462) satellite at the 109.2° W. L. orbital location in the 14.05-14.47 GHz (Earth-to-space), and 10.95-11.2 GHz, 11.45-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20171003–01103 E KA258 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Date Effective: 10/06/2017

Class of Station:

On October 6, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning October 10, 2017, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for Amazonas-5 satellite (licensed by Brazil) to provide telemetry, tracking, and command (TT&C) functions during in-orbit testing (IOT) at 58.2° W.L., as the satellite drifts to the 61.0° W.L., and while the satellite is at the 61° W.L. orbital location. Operations will be performed on the following center frequencies: 13999.50 MHz and 14499.50 MHz (Earth-to-space), and 11701 MHz and 12202.25 MHz (space-to-Earth).

Points of Communication:

SES–STA–20171003–01105 E E170121 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Date Effective: 10/06/2017

Class of Station:

On October 6, 2017, Intelsat License, LLC, was granted special temporary authority for 30 days, beginning October 9, 2017, to operate a vehicle-mounted 18-inch Rantec Airborne SATCOM terminal to communicate with Intelsat 29e (S2913) satellite at the 50 W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands. This vehicle will operate in Maryland, Virginia, North Carolina, South Carolina, Georgia, and Florida while in motion.

Points of Communication:

SES–STA–20171004–01102 E E030115 Hawaii Pacific Teleport, L.P.
Special Temporary Authority
Grant of Authority

Date Effective: 10/06/2017

Class of Station:

On October 6, 2017, Hawaii Pacific Teleport, L.P. was granted special temporary authority for 30 days, beginning October 15, 2017, to operate its fixed earth station in Kapolei, Honolulu, HI, to provide in-orbit testing (IOT) services for the Eutelsat 172B satellite at the 176° E.L. orbital location in the 5925-6425 MHz and 14000-14500 MHz (space-to-Earth), and 3700-4200 MHz and 12200-12700 MHz (Earth-to-space) frequency bands.

Points of Communication:

SURRENDER

SES-RWL-20040310-00354 E4417 Vyve Broadband A

License surrendered by letter filed on October 5, 2017.

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