



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02149

Wednesday April 3, 2019

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-LIC-20190312-00334 E E190109 WML Services, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Antenna 14

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 1.00 " N LAT.

84 ° 23 ' 39.00 " W LONG.

ANTENNA ID:	1	7 meters	Scientific Atlanta	8010K
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	8PSK, QPSK, digital video
	14000.0000 - 14500.0000 MHz	36M0G7F	80.67 dBW	8PSK, QPSK, digital video
	14000.0000 - 14500.0000 MHz	6M00G7F	69.76 dBW	8PSK, QPSK, digital video

SITE ID: Antenna 15

LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA

33 ° 47 ' 2.00 " N LAT.

84 ° 23 ' 39.00 " W LONG.

ANTENNA ID:	1	7 meters	Scientific Atlanta	8010K
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	8PSK, QPSK, digital video
	14000.0000 - 14500.0000 MHz	36M0G7F	80.67 dBW	8PSK, QPSK, digital video
	14000.0000 - 14500.0000 MHz	6M00G7F	69.76 dBW	8PSK, QPSK, digital video

Points of Communication:

Antenna 14 - PERMITTED LIST - ()

Antenna 15 - PERMITTED LIST - ()

SES-LIC-20190312-00371 E E190122 WML Services, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA

33 ° 41 ' 27.00 " N LAT.

84 ° 37 ' 18.00 " W LONG.

ANTENNA ID:	1	6.1 meters	Viasat	8060
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	8PSK, QPSK, digital video
	14000.0000 - 14500.0000 MHz	36M0G7F	77.30 dBW	8PSK, QPSK, digital video

Points of Communication:

1 - INTELSAT 11 (S2237) - (43.0 W.L.)

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

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

1 - INTELSAT 23 - (53 W. L.)

1 - INTELSAT 25 (S2804) - (31.5 W.L.)

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

1 - INTELSAT 34(S2915) - (55.5 W.L.)

1 - INTELSAT 35e(S2959) - (34.5 W.L.)

1 - Intelsat 905 (S2409) - (24.5 W.L.)

1 - INTELSAT 907 (S2411) - (27.5 W.L.)

1 - NSS-7 (S2463) - (20 W.L.)

1 - PERMITTED LIST - ()

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

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

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

SES-MOD-20180423-00395 E E930368 National Digital Television Center, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

National Digital Television Center, Inc. requests modification of its fixed earth station license for its station in Arapahoe, CO to update the coordinates, to add C-band transmit/receive frequencies, and to communicate with Permitted List satellites in the 14.0-14.5 GHz and 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 4100 E. DRY CREEK RD (S. SUBURBAN #3), ARAPAHOE, LITTLETON, CO
39 ° 34 ' 45.30 " N LAT. 104 ° 56 ' 19.40 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX COMM.	9 KPK
	14000.0000 - 14500.0000 MHz		36M0F1W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0F2W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0F3W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0F7W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0F8W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0F9W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0FXW 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0G1W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0G2W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0G3W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0G7W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0G8W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0G9W 85.65 dBW	
	14000.0000 - 14500.0000 MHz		36M0GXW 85.65 dBW	
	5925.0000 - 6425.0000 MHz		2M50G7W 78.75 dBW	Digital Video Carrier
	5925.0000 - 6425.0000 MHz		36M0G7W 78.75 dBW	Digital Video Carrier
	3700.0000 - 4200.0000 MHz		2M50G7W	Digital Video Carrier
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180604-01253 E E100169 Fox Broadcasting Company

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Lansing, MI to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 600 W. ST. JOSEPH STREET STE. 47, INGHAM, LANSING, MI
42 ° 43 ' 36.60 " N LAT. 84 ° 33 ' 40.60 " 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-20180606-01291 E E000383 Fox Broadcasting Company

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in North Platte, NE to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: NORTH HWY. 83, LINCOLN, NORTH PLATTE, NE
41 ° 12 ' 16.00 " N LAT. 100 ° 44 ' 4.50 " 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-20180823-03556 E E180110 2820 Communications INC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

2820 Communications Inc. requests modification of its fixed earth station in Normal, IL to add a second 3.7-meter antenna. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1
LOCATION: 108 Boeykens Pl, Mclean, Normal, IL
40 ° 30 ' 41.53 " N LAT. 88 ° 57 ' 13.31 " W LONG.

ANTENNA ID: 1 3.7 meters DAWNCO D37F48
3700.0000 - 4200.0000 MHz 36M0F8F QPSK

SITE ID: 2
LOCATION: 108 Boeykens Pl, Mclean, Normal, IL
40 ° 30 ' 41.60 " N LAT. 88 ° 57 ' 14.60 " W LONG.

ANTENNA ID: ANT2 3.7 meters DAWNCO D37F48
3700.0000 - 4200.0000 MHz 36M0F8F DIGITAL VIDEO AND AUDIO
SUBCARRIERS

Points of Communication:

- 1 - AMC-15 (S2180) - (105.0 W.L.)
- 1 - GALAXY 15 (S2387) - (133.1)
- 1 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()

SES-MOD-20180918-02755 E E020288 Globecomm License Sub LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Globecomm License Sub LLC requests modification of its fixed earth station located in Laurel, MD to add a 3.8-meter antenna and a 4.0-meter Ku-band antenna to communicate with Permitted List satellites in the currently licensed frequency bands.

SITE ID: 1
LOCATION: 9898 BREWERS COURT, HOWARD, LAUREL, MD
39 ° 6 ' 45.50 " N LAT. 76 ° 49 ' 58.00 " W LONG.

ANTENNA ID: GSM-6 5.6 meters ANDREW CORP. ES56
14000.0000 - 14500.0000 MHz 1M23G7W 68.00 dBW DIGITAL QPSK, 3/4 FEC, VARIOUS
DATA RATES TO 1544 KBPS
14000.0000 - 14500.0000 MHz 51K2G7W 54.17 dBW DIGITAL QPSK, 3/4 FEC, VARIOUS
DATA RATES FROM 64 KBPS
14000.0000 - 14500.0000 MHz 578KG7W 64.70 dBW DIGITAL VIDEO, AUDIO, AND
DATA

14000.0000 - 14500.0000 MHz	36M0G7W	82.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL COMPRESSED VIDEO
13750.0000 - 14000.0000 MHz	615KG2D	60.50 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	578KG7D	60.20 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	3M00G2D	67.40 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
11450.0000 - 12200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: GSM-12	3.8 meters	PRODELIN CORP.	1383
14000.0000 - 14500.0000 MHz	1M23G7W	64.10 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
14000.0000 - 14500.0000 MHz	51K2G7W	50.27 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
14000.0000 - 14500.0000 MHz	36M0G7W	74.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: GSM-7	7.6 meters	ANDREW CORP.	ES76K-1
14000.0000 - 14500.0000 MHz	36M0G7W	81.73 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES

14000.0000 - 14500.0000 MHz	51K2G7W	53.26 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
13780.0000 - 14000.0000 MHz	36M0G7W	81.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	75.90 dBW	DIGITAL AUDIO, VIDEO, AND DATA
13750.0000 - 14000.0000 MHz	700KG7W	68.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
ANTENNA ID: GSM-14	4.9 meters	ASC SIGNAL	4.9M.
14000.0000 - 14500.0000 MHz	461KG7W	61.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7W	70.40 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	79.90 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	78.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID: GSM-9	2.4 meters	PRODELIN CORP.	1214
14000.0000 - 14500.0000 MHz	6M10G7W	64.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	51K2G7W	46.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M54G7W	61.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	70.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	6M10G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL AUDIO, VIDEO, AND DATA

	11700.0000 - 12200.0000 MHz		1M54G7W		DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID:	GSM-5	9.4 meters	ASC SIGNAL		9.4M
	14000.0000 - 14500.0000 MHz		36M0G7W	86.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	14000.0000 - 14500.0000 MHz		500KG7W	68.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
	11700.0000 - 12200.0000 MHz		500KG7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID:	GSM-8	7.6 meters	ANDREW CORP.		ES76K-1
	14000.0000 - 14500.0000 MHz		36M0G7W	81.73 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	14000.0000 - 14500.0000 MHz		51K2G7W	53.26 dBW	DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	11700.0000 - 12200.0000 MHz		36M0G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
	11700.0000 - 12200.0000 MHz		51K2G7W		DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES
ANTENNA ID:	GSM-13	5.6 meters	ANDREW CORP.		ES56
	14000.0000 - 14500.0000 MHz		1M23G7W	68.00 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
	14000.0000 - 14500.0000 MHz		51K2G7W	54.17 dBW	DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
	14000.0000 - 14500.0000 MHz		578KG7W	64.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz		36M0G7W	82.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	13750.0000 - 14500.0000 MHz		36M0G7W	78.10 dBW	DIGITAL COMPRESSED VIDEO
	13750.0000 - 14000.0000 MHz		615KG2D	60.50 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz		578KG7D	60.20 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz		3M00G2D	67.40 dBW	DIGITAL DATA

11700.0000 - 12200.0000 MHz	1M23G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS
11700.0000 - 12200.0000 MHz	51K2G7W		DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS
11450.0000 - 12200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	578KG7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: GSM-11	3.8 meters	PATRIOT ANT. SYSTEMS	3.8M.
14000.0000 - 14500.0000 MHz	500KG7W	60.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	79.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	500KG7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
ANTENNA ID: GSM-15	3.8 meters	PRODELIN	1383
14000.0000 - 14500.0000 MHz	51K2G7W	50.27 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	578KG7W	60.79 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	74.16 dBW	DIGITAL VIDEO CARRIERS
14000.0000 - 14500.0000 MHz	1M23G7W	64.07 dBW	DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	1M23G7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	51K2G7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	578KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12750.0000 MHz	1M23G7W		DIGITAL DATA CARRIERS
11450.0000 - 12750.0000 MHz	51K2G7W		DIGITAL DATA CARRIERS
11450.0000 - 12750.0000 MHz	578KG7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO CARRIERS
11450.0000 - 12750.0000 MHz	36M0G7W		DIGITAL VIDEO CARRIERS

ANTENNA ID:	GSM-16	4 meters	ASC SIGNAL	ES40KM-1
	14000.0000 - 14500.0000 MHz		1M23G7W 62.07 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz		51K2G7W 48.27 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz		578KG7W 58.79 dBW	DIGITAL DATA CARRIERS
	13750.0000 - 14000.0000 MHz		36M0G7W 76.74 dBW	DIGITAL VIDEO CARRIERS
	14000.0000 - 14500.0000 MHz		36M0G7W 76.74 dBW	DIGITAL VIDEO CARRIERS
	10950.0000 - 11200.0000 MHz		1M23G7W	DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz		51K2G7W	DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz		578KG7W	DIGITAL DATA CARRIERS
	11450.0000 - 12750.0000 MHz		1M23G7W	DIGITAL DATA CARRIERS
	11450.0000 - 12750.0000 MHz		51K2G7W	DIGITAL DATA CARRIERS
	11450.0000 - 12750.0000 MHz		578KG7W	DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIERS
	11450.0000 - 12750.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIERS

Points of Communication:

- 1 - AMC 21 - (124.9 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - TELSTAR 11N (S2357) - (37.5 W.L.)
- 1 - Telstar 12 (S2462) - (109.2)

SES-MOD-20190321-00390 E E140029 ISAT US Inc.

Application for Modification

Class of Station: Blanket Earth Stations

Nature of Service: Domestic Maritime Mobile-Satellite Service, Fixed Satellite Service

ISAT US requests modification its blanket earth station authorization to add "Get Sat" earth station terminal types "MilliSat -W," "MilliSat-H," and "MilliSat." The terminals will operate as Earth Stations on Vessels with the Inmarsat-5 F2 and Inmarsat-5 F3 satellites in the 19.7-20.2 GHz (space-to-Earth) and 29.5-30 GHz (Earth-to-space) frequency bands.

SITE ID: REMOTE 4

LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	JUE-60GX	0.65 meters	JRC	JUE-60GX
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29500.0000 - 30000.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	2M70G1W	50.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	600KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	2M70G1W	50.50 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Modulation and Services Digital Data Signalling
19300.0000 - 19700.0000 MHz	32M0G7W		Modulation and Services Digital Data Signalling

SITE ID: REMOTE 5

LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	INT GX100	1.03 meters	INTELLIAN	GX100
29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link	
29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link	
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling	
29500.0000 - 30000.0000 MHz	1M79G1W	54.60 dBW	Modulation and Services Digital Data Signalling	
29100.0000 - 29500.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link	
29100.0000 - 29500.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link	
29100.0000 - 29500.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling	

29100.0000 - 29500.0000 MHz	1M79G1W	54.60 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 6
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: INT GX60	0.65 meters	INTELLIAN	GX60
29500.0000 - 30000.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 7
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: SAILOR 60	0.65 meters	COBHAM SEATEL	SAILOR GX60
29500.0000 - 30000.0000 MHz	6M96G7W	50.70 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link

29500.0000 - 30000.0000 MHz	5M00G1W	50.70 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	50.70 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	50.70 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 3

LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	SAILOR 100	1.03 meters	Cobham SatCom	Sailor 100 GX
29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link	
29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link	
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling	
29500.0000 - 30000.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signalling	
29100.0000 - 29500.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link	
29100.0000 - 29500.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link	
29100.0000 - 29500.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling	
29100.0000 - 29500.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signalling	
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link	

19300.0000 - 19700.0000 MHz	32M0G7W			Various Modulations up to 32APSK; Digital Data Link
SITE ID: REMOTE 1				
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS, PR, USVI				
ANTENNA ID: SEA4012GX	1 meters	Cobham-Sea Tel		4012GX
29500.0000 - 30000.0000 MHz	2M30G1W	54.10 dBW		Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.10 dBW		Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	6M96G7W	54.10 dBW		Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	46.50 dBW		Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	2M30G1W	54.10 dBW		Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	5M00G1W	54.10 dBW		Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	54.10 dBW		Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	600KG7W	46.50 dBW		Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W			Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 2
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: SEAGX60	0.65 meters	Cobham-Sea Tel		GX60
29500.0000 - 30000.0000 MHz	2M70G1W	50.30 dBW		Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	50.30 dBW		Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	6M96G7W	50.30 dBW		Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	43.30 dBW		Various Modulations up to 32APSK; Digital Data Link

29100.0000 - 29500.0000 MHz	6M96G7W	50.30 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 8
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: EM Cobra	1 meters	EM Solutions	Cobra
29500.0000 - 30000.0000 MHz	7M11G7W	58.00 dBW	Modulation and Services various modulations up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	3M56G7W	55.00 dBW	Modulation and Services various modulations up to 32 APSK Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Modulation and Services various modulations up to 32 APSK Digital Data Link

SITE ID: REMOTE 9
LOCATION: Maritime Vessels/50units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: MilliSat-W	0.5 meters	GetSat	MilliSat-W
29500.0000 - 30000.0000 MHz	5M00G1W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	460KG7W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 10
LOCATION: Maritime Vessels/50units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: MilliSat-H	0.27 meters	GetSat	MilliSat-H
29500.0000 - 30000.0000 MHz	5M00G1W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link

29500.0000 - 30000.0000 MHz	460KG7W	48.80 dBW	Various Modulations up to 32APSK; Digital Data Link
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19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
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SITE ID: REMOTE 11

LOCATION: Maritime Vessels/50units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID: MicroSat	0.248 meters	GetSat	MicroSat
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29500.0000 - 30000.0000 MHz	5M00G1W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
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29500.0000 - 30000.0000 MHz	460KG7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
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19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
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Points of Communication:

REMOTE 1 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 1 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 10 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 10 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 11 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 11 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 2 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 2 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 3 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 3 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 4 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 4 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 5 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 5 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 6 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 6 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 7 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 7 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 8 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 8 - INMARSAT 5F3 - (179.6 E.L.)

REMOTE 9 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 9 - INMARSAT 5F3 - (179.6 E.L.)

SES-REG-20180716-02451 E E181568 Thornburg Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Radio Road Back

LOCATION: 1130 Radio Road, Polk, Bartow, FL
27 ° 54 ' 34.00 " N LAT.

81 ° 49 ' 40.00 " W LONG.

ANTENNA ID: Back Dish 3.8 meters Comtech 934D0015-G2

3733.0000 - 4200.0000 MHz 36M0G7W Digital Audio, Digital Video, Data

SITE ID: Radio Road Front

LOCATION: 1130 Radio Road, Polk, Bartow, FL
27 ° 54 ' 34.00 " N LAT.

81 ° 49 ' 41.00 " W LONG.

ANTENNA ID: Front Dish 3.8 meters Comtech 934D0015-G2

3733.0000 - 4200.0000 MHz 36M0G7W Digital Audio, Digital Video, Data

Points of Communication:

Radio Road Back - PERMITTED LIST - ()

Radio Road Front - PERMITTED LIST - ()

SES-REG-20180717-02453 E E181570 Focus On The Family

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 8605 Explorer Drive, El Paso, Colorado Springs, CO
38 ° 57 ' 49.70 " N LAT.

104 ° 47 ' 18.50 " W LONG.

ANTENNA ID: ANT-1 3.2 meters Scientific Atlanta 9000

3700.0000 - 4200.0000 MHz 36M0F8W Analog Audio or Video with associated subcarriers

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio or Video

ANTENNA ID: ANT-2 3.2 meters Scientific Atlanta 9000

3700.0000 - 4200.0000 MHz	36M0F8W	Analog Audio or Video with associated subcarriers
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Audio or Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20180717-02454 E E181571 JEFFERSON COUNTY CABLE, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7921 S.R. 646, Jefferson, Bloomingdale, OH
 40 ° 24 ' 36.57 " N LAT. 80 ° 51 ' 14.13 " W LONG.

ANTENNA ID: DH 3.6 3.6 meters DH Satellite 36DH1

3700.0000 - 4200.0000 MHz	36M0G7W	Analog and Digital with associated audio subcarriers
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ANTENNA ID: Patri 3.8 3.8 meters Patriot 3.8

3700.0000 - 4200.0000 MHz	36M0G7W	Analog and Digital with associated audio subcarriers
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02456 E E181573 W & B Broadcasting Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2608 Ring Road, Hardin, Elizabethtown, KY
 37 ° 43 ' 46.40 " N LAT. 85 ° 50 ' 22.90 " W LONG.

ANTENNA ID: 1 3.7 meters Viking P370FAE

3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	QPSK digital audio and video carrier
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02458 E E181575 BLUE DEVILCABLE TELEVISION INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 55 Keys Road, Washington, Burgettstown, PA
40 ° 22 ' 33.74 " N LAT. 80 ° 23 ' 6.09 " W LONG.

ANTENNA ID: G-17 3.1 meters Patri 3.1 3.1
3700.0000 - 4200.0000 MHz 36M0G7W Analog and Digital with associated audio subcarriers

ANTENNA ID: Patri 3.8 3.8 meters Patriot 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Analog and Digital with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02462 E E181580 D.J. BROADCASTING INC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 200 Frazier Rd, Campbell, Altavista, VA
37 ° 7 ' 31.25 " N LAT. 79 ° 17 ' 18.16 " W LONG.

ANTENNA ID: WWOne 3.8 meters Comtech 945-1277
3700.0000 - 4200.0000 MHz 36M0G7W Analog audio signals

Points of Communication:

1 - SES-11 (S2964) - (104.95 W.L)

SES-REG-20180717-02468 E E181584 Newberry Broadcasting Co Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Ant1

LOCATION: 3000 Hazel Street, Newberry, Newberry, SC
34 ° 17 ' 30.00 " N LAT. 81 ° 37 ' 15.00 " W LONG.

ANTENNA ID: ANT 1 3.3 meters AFC A subsidiary of Mcrodyne Corp N/A
3700.0000 - 4200.0000 MHz 2M45G7W DVB-C digital audio carrier

Points of Communication:

Ant1 - PERMITTED LIST - ()

SES-REG-20180723-02455 E E181572 Raymark Broadcasting Co., Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 712 River Road (Studio Site), Clearfield, Clearfield, PA

41 ° 1 ' 53.10 " N LAT.

78 ° 26 ' 13.80 " W LONG.

ANTENNA ID: Ant 1 3.7 meters DawnCo D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW audio programming material received from Westwood One

Points of Communication:

1 - AMC-18 (S2713) - (139 WL)

SES-REG-20180723-02459 E E181577 KTV MEDIA, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4201 S. 56th Street, Washington, Springdale, AR

36 ° 8 ' 50.00 " N LAT.

94 ° 11 ' 14.00 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Patriot 3.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02537 E E181613 Mid-Way Radio, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2830 Sandy Hollow Rd., Winnebago, Rockford, IL

42 ° 13 ' 31.40 " N LAT.

89 ° 2 ' 53.20 " W LONG.

ANTENNA ID: 1 3 meters DH Satellite 3.0M.

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02541 E E181615 Eagle Communications, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 825 N Main Street, Reno County, Hutchinson, KS

38 ° 3 ' 44.30 " N LAT.

97 ° 55 ' 57.30 " W LONG.

ANTENNA ID: 1 3.8 meters PATRIOT ANTENNA SYSTEMS PRT-380 (3.8 M)

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Data / Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180803-02594 E E181655 Cox Communications Omaha, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5330 E. 65th Street, Marion, Indianapolis, IL

39 ° 52 ' 38.00 " N LAT.

86 ° 4 ' 44.00 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180803-02637 E E181692 Cox Communications Omaha, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA

33 ° 28 ' 17.30 " N LAT.

82 ° 1 ' 38.30 " W LONG.

ANTENNA ID: 3.6M.COM1 3.6 meters Comtech 3.6 meter

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 2
 LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA
 33 ° 28 ' 17.30 " N LAT. 82 ° 1 ' 39.40 " W LONG.

ANTENNA ID: 4.6M. SA-A 4.6 meters Scientific Atlanta 8345
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 3
 LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA
 33 ° 28 ' 17.40 " N LAT. 82 ° 1 ' 38.80 " W LONG.

ANTENNA ID: 4.6M. SA-B 4.6 meters Scientific Atlanta 8345
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 4
 LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA
 33 ° 28 ' 17.50 " N LAT. 82 ° 1 ' 39.00 " W LONG.

ANTENNA ID: 4.6M. SA-C 4.6 meters Scientific Atlanta 9345
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 5
 LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA
 33 ° 28 ' 17.50 " N LAT. 82 ° 1 ' 39.30 " W LONG.

ANTENNA ID: 4.6M. SA-D 4.6 meters Scientific Atlanta 8345
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 6
 LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA
 33 ° 28 ' 17.90 " N LAT. 82 ° 1 ' 38.20 " W LONG.

ANTENNA ID: 3.6M.COM2 3.6 meters Comtech 3.6 meter
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 7
 LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA
 33 ° 28 ' 18.00 " N LAT. 82 ° 1 ' 38.40 " W LONG.

ANTENNA ID: 3.2M. PAT 3.2 meters Patriot PRT-380
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 8
 LOCATION: 1424 Monte Sano Avenue, Richmond, Augusta, GA
 33 ° 28 ' 17.50 " N LAT. 82 ° 1 ' 39.50 " W LONG.

	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	3	3 meters	Patriot	C3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	4	3 meters	Patriot	C3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	5	3 meters	Patriot	C3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	6	0.75 meters	Channel Master	VSAT075
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	7	1 meters	Channel Master	VSAT100
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	8	1 meters	Channel Master	VSAT100
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	9	5 meters	Scientific Atlanta	S-5
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	10	3 meters	Patriot	C3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	11	3 meters	Patriot	C3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	12	5 meters	Patriot	C3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	13	1.25 meters	Channel Master	VSAT125
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	14	3 meters	Patriot	C3
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video audio data
ANTENNA ID:	15	4.5 meters	Scientific Atlanta	S-4

3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data
ANTENNA ID: 16	3 meters Patriot	C3
3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data
ANTENNA ID: 17	0.75 meters Channel Master	VSAT075
3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data
ANTENNA ID: 18	0.75 meters Channel Master	VSAT075
3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data
ANTENNA ID: 19	0.75 meters Channel Master	VSAT075
3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data
ANTENNA ID: 20	1 meters Channel Master	VSAT100
3700.0000 - 4200.0000 MHz	36M0G7F	Digital video audio data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02640 E E181696 Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 25.80 " N LAT. 81 ° 44 ' 32.10 " W LONG.

ANTENNA ID: 7M SA1 7 meters Scientific Atlanta 8010D

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 2

LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 26.00 " N LAT. 81 ° 44 ' 32.40 " W LONG.

ANTENNA ID: 7M SA2 7 meters Scientific Atlanta 8010D

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 3

LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 26.40 " N LAT. 81 ° 44 ' 32.90 " W LONG.

ANTENNA ID: 7M SA3 7 meters Scientific Atlanta 8010D
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 4
 LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 26.60 " N LAT. 81 ° 44 ' 33.20 " W LONG.

ANTENNA ID: 7M SA4 7 meters Scientific Atlanta 8010D
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 5
 LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 27.30 " N LAT. 81 ° 44 ' 32.20 " W LONG.

ANTENNA ID: 7M SA5 7 meters Scientific Atlanta 8010D
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 6
 LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 27.50 " N LAT. 81 ° 44 ' 32.40 " W LONG.

ANTENNA ID: 7M SA6 7 meters Scientific Atlanta 8010D
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 7
 LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 26.20 " N LAT. 81 ° 44 ' 32.60 " W LONG.

ANTENNA ID: 7M SA7 7 meters Scientific Atlanta 8010D
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 8
 LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 27.90 " N LAT. 81 ° 44 ' 33.00 " W LONG.

ANTENNA ID: 7M SA8 7 meters Scientific Atlanta 8010D
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 9
 LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL
 26 ° 21 ' 28.00 " N LAT. 81 ° 44 ' 31.40 " W LONG.

ANTENNA ID: 3M SA1 3 meters Scientific Atlanta 8335
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
SITE ID: 10		
LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL		
26 ° 21 ' 28.10 " N LAT.		81 ° 44 ' 33.30 " W LONG.
ANTENNA ID: 7M SA9	7 meters	Scientific Atlanta 7 meter
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
SITE ID: 11		
LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL		
26 ° 21 ' 28.20 " N LAT.		81 ° 44 ' 31.60 " W LONG.
ANTENNA ID: 3M SA2	3 meters	Scientific Atlanta 8335
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
SITE ID: 12		
LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL		
26 ° 21 ' 27.70 " N LAT.		81 ° 44 ' 32.70 " W LONG.
ANTENNA ID: 7M SA10	7 meters	Scientific Atlanta 8010D
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
SITE ID: 13		
LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL		
26 ° 21 ' 28.60 " N LAT.		84 ° 44 ' 32.10 " W LONG.
ANTENNA ID: 4.5M SA1	4.5 meters	Scientific Atlanta 8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
SITE ID: 14		
LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL		
26 ° 21 ' 28.90 " N LAT.		89 ° 50 ' 32.40 " W LONG.
ANTENNA ID: 4.5M SA2	4.5 meters	Scientific Atlanta 8345
SITE ID: 15		
LOCATION: 26102 Bonita Grande Drive, Lee, Bonita Springs, FL		
26 ° 21 ' 28.50 " N LAT.		81 ° 44 ' 31.80 " W LONG.
ANTENNA ID: 3M SA3	3 meters	Scientific Atlanta 8335

Points of Communication:

1 - PERMITTED LIST - ()

10 - PERMITTED LIST - ()

- 11 - PERMITTED LIST - ()
- 12 - PERMITTED LIST - ()
- 13 - PERMITTED LIST - ()
- 14 - PERMITTED LIST - ()
- 15 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()
- 4 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()
- 6 - PERMITTED LIST - ()
- 7 - PERMITTED LIST - ()
- 8 - PERMITTED LIST - ()
- 9 - PERMITTED LIST - ()

SES-REG-20181002-03795 E E190098 Bay Country Communications

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 502 Railroad Ave, Dorchester, East New Market, MD
 38 ° 35 ' 51.36 " N LAT. 75 ° 54 ' 55.41 " W LONG.

ANTENNA ID: 1 4 meters Scientific Atlanta SA1000

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

- 1 - PERMITTED LIST - ()

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