



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

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Report No. SES-02235

Wednesday January 22, 2020

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-LIC-20191023-01379 E E190883 WML Services, LLC
Application for Authority 01/16/2020 - 01/16/2035
Grant of Authority Date Effective: 01/16/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: ALL US TERRITORIES (DC2 NS-7), CONUS, AK, HI,

ANTENNA ID:	NS-7	1.8 meters	AVL Technologies	1810
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	36M0G7F	71.52 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191023-01380 E E190884 WML Services, LLC
Application for Authority 01/16/2020 - 01/16/2035
Grant of Authority Date Effective: 01/16/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: ALL US TERRITORIES (NT-7 DC3 - #1), CONUS, AK, HI,

ANTENNA ID:	#1	2.4 meters	AVL Technologies	2410
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191023-01382 E E190885 WML Services, LLC
Application for Authority 01/16/2020 - 01/16/2035
Grant of Authority Date Effective: 01/16/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: ALL US TERRITORIES (DC1 NS-5), CONUS, AK, HI,

ANTENNA ID:	NS-5	1.8 meters	AVL Technologies	1810
	11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
	11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	36M0G7F	71.52 dBW	Compressed Digital Video and Audio
	14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191024-01388 E E190891 WML Services, LLC
Application for Authority 01/16/2020 - 01/16/2035
Grant of Authority Date Effective: 01/16/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: ALL US TERRITORIES (NT-7 NY1 - #6), CONUS, AK, HI,

ANTENNA ID: #6	2.4 meters	AVL Technologies	2410
11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20191024-01389 E E190892 WML Services, LLC
Application for Authority 01/16/2020 - 01/16/2035
Grant of Authority Date Effective: 01/16/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: ALL US TERRITORIES (NT-7 MIA - #9), CONUS, AK, HI,

ANTENNA ID: #9	2.4 meters	AVL Technologies	2410
11700.0000 - 12200.0000 MHz	36M0G7F	0.00 dBW	Compressed Digital Video and Audio
11700.0000 - 12200.0000 MHz	4M00G7F	0.00 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	36M0G7F	73.82 dBW	Compressed Digital Video and Audio
14000.0000 - 14500.0000 MHz	4M00G7F	64.28 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20190828-01106 E E170205 Alaska Communications Internet, LLC
Application for Modification 02/16/2018 - 02/16/2033
Grant of Authority Date Effective: 01/17/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: HUB
LOCATION: 8500 Dimond D Circle, Anchorage, Anchorage, AK
61 ° 8 ' 28.40 " N LAT. 149 ° 52 ' 30.70 " W LONG.

ANTENNA ID:	HUB	3.8 meters	General Dynamics	1383
	5929.0000 - 6001.0000 MHz		7M00G7W 58.40 dBW	DVB-S2, 16APSK
	5929.0000 - 6001.0000 MHz		9M50G7W 58.40 dBW	DVB-S2, 16APSK
	5929.0000 - 5944.8500 MHz		3M00G7W 58.40 dBW	32APSK
	3944.0000 - 4016.0000 MHz		72M0G7W	Digital
	3704.0000 - 3776.0000 MHz		4M70G7W	32APSK
	3704.0000 - 3776.0000 MHz		3M20G7W	QPSK
	6169.0000 - 6241.0000 MHz		9M50G7W 58.40 dBW	Digital
	6169.0000 - 6241.0000 MHz		7M00G7W 58.40 dBW	Digital
	6169.0000 - 6241.0000 MHz		72M0G7W 58.40 dBW	Digital
	6169.0000 - 6241.0000 MHz		3M00G7W 58.40 dBW	Digital
	3944.0000 - 4016.0000 MHz		5M60G7W	Digital
	3944.0000 - 4016.0000 MHz		2M80G7W	Digital
	3944.0000 - 4016.0000 MHz		1M20G7W	Digital

SITE ID: ST. PAUL
LOCATION: 100 Harbor View Drive, St. Paul, St. Paul, AK
57 ° 7 ' 23.00 " N LAT. 170 ° 16 ' 45.00 " W LONG.

ANTENNA ID:	1ST.PAUL	3.8 meters	General Dynamics	1383
	5929.0000 - 6001.0000 MHz		3M20G7W 47.90 dBW	DVB-S2, QPSK
	3704.0000 - 3776.0000 MHz		9M50G7W	16APSK
	3944.0000 - 4016.0000 MHz		9M50G7W	16APSK
	3944.0000 - 4016.0000 MHz		7M00G7W	Digital
	3944.0000 - 4016.0000 MHz		72M0G7W	Digital
	3944.0000 - 4016.0000 MHz		3M00G7W	Digital

SITE ID: TEST SITE
LOCATION: 600 Telephone Ave., Anchorage, Anchorage, AK
61 ° 11 ' 10.50 " N LAT. 149 ° 52 ' 15.60 " W LONG.

ANTENNA ID:	2TESTSITE	2.4 meters	Prodelin	1244
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5929.0000 - 5944.8500 MHz	4M70G7W	51.20 dBW	8APSK
3704.0000 - 3776.0000 MHz	3M00G7W		32APSK
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: EX INLET
LOCATION: EXCURSION INLET, HAINES BOROUGH, EXCURSION INLET, AK
58 ° 24 ' 55.30 " N LAT. 135 ° 26 ' 36.40 " W LONG.

ANTENNA ID: 3EXINLET 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz	5M60G7W	51.30 dBW	8APSK
3704.0000 - 3776.0000 MHz	3M80G7W		16APSK
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: ALITAK
LOCATION: ALITAK, KODIAK ISLAND, ALITAK, AK
56 ° 53 ' 52.20 " N LAT. 154 ° 14 ' 43.00 " W LONG.

ANTENNA ID: 4ALITAK 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz	5M60G7W	52.00 dBW	8APSK
3704.0000 - 3776.0000 MHz	3M80G7W		16APSK
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: NAKNEK
LOCATION: NAKNEK, BRISTOL BAY, NAKNEK, AK
58 ° 43 ' 43.70 " N LAT. 157 ° 0 ' 0.90 " W LONG.

ANTENNA ID:	5NAKNEK1	2.4 meters	PRODELIN	1244
	5929.0000 - 6001.0000 MHz		5M60G7W 52.10 dBW	8APSK
	3704.0000 - 3776.0000 MHz		3M80G7W	16APSK
	3944.0000 - 4016.0000 MHz		9M50G7W	Digital
	3944.0000 - 4016.0000 MHz		7M00G7W	Digital
	3944.0000 - 4016.0000 MHz		72M0G7W	Digital
	3944.0000 - 4016.0000 MHz		3M00G7W	Digital

SITE ID: ANIAK DO
LOCATION: Aniak District Office, Bethel Census Area, Aniak, AK
61 ° 34 ' 55.60 " N LAT. 159 ° 32 ' 18.30 " W LONG.

ANTENNA ID:	6ANIAKDO	2.4 meters	PRODELIN	1244
	5960.2000 - 6001.0000 MHz		5M60G7W 51.90 dBW	Digital
	5960.2000 - 6001.0000 MHz		2M80G7W 52.50 dBW	Digital
	5960.2000 - 6001.0000 MHz		1M20G7W 52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W 0.00 dBW	Digital
	3944.0000 - 4016.0000 MHz		7M00G7W 0.00 dBW	Digital
	3944.0000 - 4016.0000 MHz		72M0G7W 0.00 dBW	Digital
	3944.0000 - 4016.0000 MHz		3M00G7W 0.00 dBW	Digital

SITE ID: JSJS
LOCATION: Junior Senior High School, Bethel Census Area, Aniak, AK
61 ° 34 ' 48.30 " N LAT. 159 ° 33 ' 6.70 " W LONG.

ANTENNA ID:	7JSJS	2.4 meters	PRODELIN	1244
	5960.2000 - 6001.0000 MHz		5M60G7W 52.50 dBW	Digital
	5960.2000 - 6001.0000 MHz		2M80G7W 52.50 dBW	Digital
	5960.2000 - 6001.0000 MHz		1M20G7W 52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W 0.00 dBW	Digital
	3944.0000 - 4016.0000 MHz		7M00G7W 0.00 dBW	Digital
	3944.0000 - 4016.0000 MHz		72M0G7W 0.00 dBW	Digital

3944.0000 - 4016.0000 MHz 3M00G7W 0.00 dBW Digital

SITE ID: AMNES
LOCATION: Auntie Mary Nicoli Elementary School, Bethel Census Area, Aniak, AK
61 ° 34 ' 49.00 " N LAT. 159 ° 31 ' 51.70 " W LONG.

ANTENNA ID: 8AMNES 2.4 meters PRODELIN 1244

5960.2000 - 6001.0000 MHz 5M60G7W 52.50 dBW Digital

5960.2000 - 6001.0000 MHz 2M80G7W 52.50 dBW Digital

5929.0000 - 6001.0000 MHz 1M20G7W 52.50 dBW Digital

3944.0000 - 4016.0000 MHz 9M50G7W 0.00 dBW Digital

3944.0000 - 4016.0000 MHz 7M00G7W 0.00 dBW Digital

3944.0000 - 4016.0000 MHz 72M0G7W 0.00 dBW Digital

3944.0000 - 4016.0000 MHz 3M00G7W 0.00 dBW Digital

SITE ID: CVSS
LOCATION: Crown Village Sam School, Bethel Census Area, Chuathbaluk, AK
61 ° 34 ' 23.70 " N LAT. 159 ° 14 ' 57.80 " W LONG.

ANTENNA ID: 9CVSS 2.4 meters PRODELIN 1244

5960.2000 - 6001.0000 MHz 5M60G7W 52.50 dBW Digital

5960.2000 - 6001.0000 MHz 2M80G7W 52.50 dBW Digital

3944.0000 - 4016.0000 MHz 9M50G7W Digital

3944.0000 - 4016.0000 MHz 7M00G7W Digital

3944.0000 - 4016.0000 MHz 72M0G7W Digital

3944.0000 - 4016.0000 MHz 3M00G7W Digital

5960.2000 - 6001.0000 MHz 1M20G7W 52.50 dBW Digital

SITE ID: JESS
LOCATION: Jack Egnaty Senior School, Bethel Census Area, Sleetmute, AK
61 ° 42 ' 9.70 " N LAT. 157 ° 10 ' 14.90 " W LONG.

ANTENNA ID: 10JESS 2.4 meters PRODELIN 1244

5929.0000 - 6001.0000 MHz 5M60G7W 52.50 dBW Digital

5929.0000 - 6001.0000 MHz 9M50G7W 52.50 dBW Digital

5929.0000 - 6001.0000 MHz	3M00G7W	52.50 dBW	Digital
3944.0000 - 4016.0000 MHz	9M50G7W		Digital
3944.0000 - 4016.0000 MHz	7M00G7W		Digital
3944.0000 - 4016.0000 MHz	72M0G7W		Digital
3944.0000 - 4016.0000 MHz	3M00G7W		Digital

SITE ID: NOORVIK OFFICE
LOCATION: FIREWEED DRIVE, NOORVIK, AK
66 ° 49 ' 59.30 " N LAT. 161 ° 2 ' 44.80 " W LONG.

ANTENNA ID: 11NOORVIK	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital

SITE ID: DEERING OFFICE
LOCATION: MAIN STREET, DEERING, AK
66 ° 4 ' 32.70 " N LAT. 162 ° 43 ' 22.00 " W LONG.

ANTENNA ID: 12DEERING	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital

SITE ID: NOATAK OFFICE
LOCATION: GOVERNMENT AIRPORT ROAD, NOATAK, AK
67 ° 34 ' 17.00 " N LAT. 162 ° 58 ' 14.50 " W LONG.

ANTENNA ID: 13NOATAK	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital

SITE ID: KOTZEBUE HQ
LOCATION: TED STEVENS WAY, KOTZEBUE, AK
66 ° 51 ' 29.60 " N LAT. 162 ° 36 ' 50.40 " W LONG.

ANTENNA ID: 14KOTZE	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
5925.0000 - 6108.1000 MHz	5M60G7W	54.70 dBW	Digital
6301.1900 - 6360.1400 MHz	5M60G7W	54.70 dBW	Digital

3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: AMBLER OFFICE			
LOCATION: ENDICOTT STREET, AMBLER, AK			
67 ° 5 ' 11.50 " N LAT.		157 ° 51 ' 40.70 " W LONG.	
ANTENNA ID: 15AMBLER	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: KIANA OFFICE			
LOCATION: REED STREET, KIANA, AK			
66 ° 58 ' 24.30 " N LAT.		160 ° 25 ' 49.30 " W LONG.	
ANTENNA ID: 16KIANA	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: BUCKLAND OFFICE			
LOCATION: ANN AVENUE, BUCKLAND, AK			
65 ° 58 ' 42.00 " N LAT.		161 ° 7 ' 29.50 " W LONG.	
ANTENNA ID: 17BUCK	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: SELAWIK OFFICE			
LOCATION: WINTER TRAIL, SELAWICK, AK			
66 ° 36 ' 24.40 " N LAT.		160 ° 0 ' 52.70 " W LONG.	
ANTENNA ID: 18SELAWIK	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital
SITE ID: KIVALINA OFFICE			
LOCATION: BERING STREET, KIVALINA, AK			
67 ° 43 ' 34.90 " N LAT.		164 ° 32 ' 15.80 " W LONG.	
ANTENNA ID: 19KIVALINA	2.4 meters	GENERAL DYNAMICS	1241
5925.0000 - 6425.0000 MHz	5M60G7W	54.70 dBW	Digital
3700.0000 - 4200.0000 MHz	72M0G7W		Digital

SITE ID: CHUGACHMUIT CHENEGA
LOCATION: 625 MAIN STREET, CHENEGA, AK
60 ° 3 ' 56.27 " N LAT. 148 ° 1 ' 1.61 " W LONG.

ANTENNA ID: 20CHUGA 2.4 meters GENERAL DYNAMICS 1241
5925.0000 - 6425.0000 MHz 5M60G7W 58.02 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: SILVERBAY FALSE PASS
LOCATION: Aleutians East Borough, FALSE PASS, AK
54 ° 51 ' 54.00 " N LAT. 163 ° 24 ' 42.20 " W LONG.

ANTENNA ID: 21SILVERB 3.8 meters PRODELIN 2385
5925.0000 - 6425.0000 MHz 2M80G7W 49.42 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: TRIDENT NAKNEK
LOCATION: ALASKA PENNINSULA HIGHWAY, BRISTOL BAY, AK
58 ° 43 ' 41.40 " N LAT. 157 ° 0 ' 26.20 " W LONG.

ANTENNA ID: 22TRIDENT 2.4 meters GENERAL DYNAMICS 1251
5925.0000 - 6108.1000 MHz 5M60G7W 55.00 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: TRIDENT AKUTAN
LOCATION: 73 TRIDENT WAY, Aleutians East Borough, AKUTAN, AK
54 ° 7 ' 59.30 " N LAT. 165 ° 47 ' 22.10 " W LONG.

ANTENNA ID: 23TRIDAK 2.4 meters GENERAL DYNAMICS 1251
5925.0000 - 6425.0000 MHz 5M60G7W 58.00 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: TRIDENT SAND POINT
LOCATION: 229 MAIN STREET, Aleutians East Borough, SAND POINT, AK
55 ° 20 ' 10.90 " N LAT. 160 ° 30 ' 8.30 " W LONG.

ANTENNA ID: 24TRIDSAN 2.4 meters GENERAL DYNAMICS 1251
5925.0000 - 6425.0000 MHz 5M60G7W 58.00 dBW Digital
3700.0000 - 4200.0000 MHz 72M0G7W Digital

SITE ID: PEBBLE MINE
 LOCATION: PORTAGE ROAD, Lake Peninsula Boroug, ILIAMNA, AK
 59 ° 45 ' 26.00 " N LAT. 154 ° 54 ' 22.80 " W LONG.

ANTENNA ID:	25PEBBLE	2.4 meters	GENERAL DYNAMICS	1241
	3700.0000 - 4200.0000 MHz		72M0G7W	Digital
	5925.0000 - 6425.0000 MHz		5M60G7W 55.00 dBW	Digital

SITE ID: GMSHS
 LOCATION: Gusty Michael School, Bethel Census Area, Stoney River, AK
 61 ° 47 ' 13.60 " N LAT. 156 ° 35 ' 17.70 " W LONG.

ANTENNA ID:	26GMSHS	2.4 meters	PRODELIN	1244
	5929.0000 - 6001.0000 MHz		5M60G7W 52.50 dBW	Digital
	5929.0000 - 6001.0000 MHz		2M80G7W 52.50 dBW	Digital
	5929.0000 - 6001.0000 MHz		1M20G7W 52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W	Digital
	3944.0000 - 4016.0000 MHz		7M00G7W	Digital
	3944.0000 - 4016.0000 MHz		72M0G7W	Digital
	3944.0000 - 4016.0000 MHz		3M00G7W	Digital

SITE ID: JJSS
 LOCATION: Johnnie John Sr School, Bethel Census Area, Crooked Creek, AK
 61 ° 51 ' 48.60 " N LAT. 158 ° 8 ' 18.20 " W LONG.

ANTENNA ID:	27JJSS	2.4 meters	PRODELIN	1244
	5929.0000 - 6001.0000 MHz		5M60G7W 52.50 dBW	Digital
	5929.0000 - 6001.0000 MHz		2M80G7W 52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W	Digital
	3944.0000 - 4016.0000 MHz		7M00G7W	Digital
	3944.0000 - 4016.0000 MHz		72M0G7W	Digital
	3944.0000 - 4016.0000 MHz		3M00G7W	Digital
	5929.0000 - 6001.0000 MHz		1M20G7W 52.50 dBW	Digital

SITE ID: GMHS
 LOCATION: George Morgan Senior High School, Bethel Census Area, Kalskag, AK
 61 ° 31 ' 57.90 " N LAT. 160 ° 20 ' 50.00 " W LONG.

ANTENNA ID:	28GMHS	2.4 meters	PRODELIN	1244	
	6189.5650 - 6237.5650 MHz		5M60G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		2M80G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		1M20G7W	52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W		Digital
	3944.0000 - 4016.0000 MHz		7M00G7W		Digital
	3944.0000 - 4016.0000 MHz		72M0G7W		Digital
	3944.0000 - 4016.0000 MHz		3M00G7W		Digital

SITE ID: JOGES
 LOCATION: Joseph & Olinga Gregory Elementary School, Bethel Census Area, Kalskag, AK
 61 ° 32 ' 41.90 " N LAT. 160 ° 19 ' 3.70 " W LONG.

ANTENNA ID:	29JOGES	2.4 meters	PRODELIN	1244	
	6189.5650 - 6237.5650 MHz		5M60G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		2M80G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		1M20G7W	52.50 dBW	Digital
	3944.0000 - 4016.0000 MHz		9M50G7W		Digital
	3944.0000 - 4016.0000 MHz		7M00G7W		Digital
	3944.0000 - 4016.0000 MHz		72M0G7W		Digital
	3944.0000 - 4016.0000 MHz		3M00G7W		Digital

SITE ID: ZLES
 LOCATION: Zackar Levi Elementary School, Bethel Census Area, Kalskag, AK
 61 ° 30 ' 43.60 " N LAT. 160 ° 21 ' 41.50 " W LONG.

ANTENNA ID:	30ZLES	2.4 meters	PRODELIN	1244	
	6189.5650 - 6237.5650 MHz		5M60G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		2M80G7W	52.50 dBW	Digital
	6189.5650 - 6237.5650 MHz		1M20G7W	52.50 dBW	Digital

3944.0000 - 4016.0000 MHz	9M50G7W	Digital
3944.0000 - 4016.0000 MHz	7M00G7W	Digital
3944.0000 - 4016.0000 MHz	72M0G7W	Digital
3944.0000 - 4016.0000 MHz	3M00G7W	Digital

Points of Communication:

- ALITAK - EUTELSAT115WB(S2938) - (114.9 W.L.)
- AMBLER OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- AMNES - EUTELSAT115WB(S2938) - (114.9 W.L.)
- ANIAK DO - EUTELSAT115WB(S2938) - (114.9 W.L.)
- BUCKLAND OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- CHUGACHMUIT CHENEGA - EUTELSAT115WB(S2938) - (114.9 W.L.)
- CVSS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- DEERING OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- EX INLET - EUTELSAT115WB(S2938) - (114.9 W.L.)
- GMHS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- GMSHS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- HUB - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JESS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JJSS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JOGES - EUTELSAT115WB(S2938) - (114.9 W.L.)
- JSHS - EUTELSAT115WB(S2938) - (114.9 W.L.)
- KIANA OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- KIVALINA OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- KOTZEBUE HQ - EUTELSAT115WB(S2938) - (114.9 W.L.)
- NAKNEK - EUTELSAT115WB(S2938) - (114.9 W.L.)
- NOATAK OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- NOORVIK OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- PEBBLE MINE - EUTELSAT115WB(S2938) - (114.9 W.L.)
- SELAWIK OFFICE - EUTELSAT115WB(S2938) - (114.9 W.L.)

SILVERBAY FALSE PASS - EUTELSAT115WB(S2938) - (114.9 W.L.)

ST. PAUL - EUTELSAT115WB(S2938) - (114.9 W.L.)

TEST SITE - EUTELSAT115WB(S2938) - (114.9 W.L.)

TRIDENT AKUTAN - EUTELSAT115WB(S2938) - (114.9 W.L.)

TRIDENT NAKNEK - EUTELSAT115WB(S2938) - (114.9 W.L.)

TRIDENT SAND POINT - EUTELSAT115WB(S2938) - (114.9 W.L.)

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

SES-REG-20180925-04566 E E190933 Idaho Broadcast Partners LLC

Registration

09/25/2018 - 09/25/2033

Grant of Authority

Date Effective: 01/16/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 902 East Sherman Street, Bannock, Pocatello, ID

42 ° 52 ' 29.00 " N LAT.

112 ° 26 ' 50.00 " W LONG.

ANTENNA ID: Andrew 4.5 4.5 meters Andrew 4.5 Meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW TV Programming

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180927-04593 E E190960 Eagle Broadband Investments, LLC

Registration

09/27/2018 - 09/27/2033

Grant of Authority

Date Effective: 01/15/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 915 W 8th St. (EC - Schuyler, NE), Colfax, Schuyler, NE

41 ° 26 ' 37.40 " N LAT.

97 ° 4 ' 16.41 " W LONG.

ANTENNA ID: ESCH-SA1 4.6 meters Scientific Atlanta 8346

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: ESCH-SA2 5 meters Scientific Atlanta 8023

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: ESCH-PROD 3.8 meters Prodelin N/A

3700.0000 - 4200.0000 MHz

36M0G7D

Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181001-04628 E E190995 WCYN Broadcasting, Inc.

Registration

09/24/2018 - 09/24/2033

Grant of Authority

Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio

LOCATION: 130 S Main Street Suite #3, USA, Cynthiana, KY

38 ° 23 ' 22.00 " N LAT.

84 ° 17 ' 48.80 " W LONG.

ANTENNA ID: 1 3.7 meters DawnCo 3.7m

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: 2 3.7 meters DawnCo TVRO 37

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Modulation and Services Analog Video with associated subcarriers

Points of Communication:

Studio - PERMITTED LIST - ()

SES-REG-20181001-04630 E E190997 Bott Broadcasting Company

Registration

10/01/2018 - 10/01/2033

Grant of Authority

Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KQCV

LOCATION: 1919 N. Broadway, USA, Oklahoma City, OK

35 ° 29 ' 19.30 " N LAT.

97 ° 30 ' 50.73 " W LONG.

ANTENNA ID: ANT1 3.8 meters Omni Spectra 4850-6007-00

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

KQCV - PERMITTED LIST - ()

SES-REG-20181001-04631 E E190998 Bott Broadcasting Company/Tennessee
Registration 10/01/2018 - 10/01/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WCRV
LOCATION: 9160 Pleasant Hill, Olive Branch, MS
34 ° 59 ' 35.41 " N LAT. 89 ° 54 ' 1.40 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin Series 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio

Points of Communication:

WCRV - PERMITTED LIST - ()

SES-REG-20181001-04632 E E190999 Friends Communications of Michigan, Inc.
Registration 10/01/2018 - 10/01/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WABJ Studio
LOCATION: 121 W Maumee Street, Lenawee, Adrian, MI
41 ° 53 ' 56.00 " N LAT. 84 ° 2 ' 15.40 " W LONG.

ANTENNA ID: ANT1 3.2 meters Scientific Atlanta 3.2 meter
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

WABJ Studio - PERMITTED LIST - ()

SES-REG-20181001-04634 E E191001 Bott Communications, Inc.
Registration 10/01/2018 - 10/01/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KCIV
LOCATION: 1031 15th. St. Suite 1, USA, Modesto, CA
37 ° 38 ' 41.38 " N LAT. 120 ° 59 ' 48.17 " W LONG.

ANTENNA ID: ANT1 2.4 meters Prodelin Series 1252

SITE ID: Alexandria
LOCATION: 1811 England Drive, Rapides Parish, Alexandria, LA
31 ° 18 ' 58.14 " N LAT. 92 ° 29 ' 0.68 " W LONG.

ANTENNA ID: Andrew 4.5 4.5 meters Andrew ES45P/MP
3700.0000 - 4200.0000 MHz 6M00C7W

Points of Communication:

Alexandria - PERMITTED LIST - ()

SES-REG-20181002-04649 E E191016 DEAD-SHORT BROADCASTING, LLC
Registration 10/02/2018 - 10/02/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 2306 Legion Park Road, Cheyenne, Sidney, NE
41 ° 7 ' 53.53 " N LAT. 102 ° 58 ' 22.93 " W LONG.

ANTENNA ID: ANT 1 3.7 meters D & H 37DH4
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Analog Video with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181002-04683 E E191050 GCI Communication Corp.
Registration 10/02/2018 - 10/02/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 210 3rd Avenue, AK
60 ° 47 ' 38.20 " N LAT. 161 ° 46 ' 5.70 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific-Atlanta 8345
3700.0000 - 4200.0000 MHz 45K0G7W Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz 36M0G7W Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz 45K0D7W Phase and amplitude modulated voice, video, and data services.

3700.0000 - 4200.0000 MHz	36M0D7W		Phase and amplitude modulated voice, video, and data services.
ANTENNA ID: 2	10 meters	Andrew	ESA10-46B
3700.0000 - 4200.0000 MHz	45K0G7W		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0G7W		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	45K0D7W		Phase and amplitude modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0D7W		Phase and amplitude modulated voice, video, and data services.
ANTENNA ID: 3	3.8 meters	Comtech	3.8M PF
3700.0000 - 4200.0000 MHz	45K0G7W		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0G7W		Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	45K0D7W		Phase and amplitude modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz	36M0D7W		Phase and amplitude modulated voice, video, and data services.

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181002-04886	E E191258	Relevant Media, Inc.	
Registration			10/02/2018 - 10/02/2033
Grant of Authority			Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: C Band Dish Location
LOCATION: PO Box 1669, Yuma, Yuma, AZ
32 ° 41 ' 33.87 " N LAT. 114 ° 36 ' 50.59 " W LONG.

ANTENNA ID: Pat3.8	3.8 meters	Patriot	3.8
3700.0000 - 4200.0000 MHz	230KG7W		qpsk broadcasting/Ditigal

Points of Communication:

C Band Dish Location - PERMITTED LIST - ()

SES-REG-20181003-05063 E E191441 WTNZ License Subsidiary, LLC
Registration 10/03/2018 - 10/03/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Knoxville
LOCATION: 9000 Executive Park Dr., Knox, Knoxville
35 ° 55 ' 18.80 " N LAT. 84 ° 4 ' 45.50 " W LONG.

ANTENNA ID: DH1-2&1-3 3.8 meters DH 38DH1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

SES-REG-20181004-04826 E E191197 Gold Coast Broadcasting LLC
Registration 10/04/2018 - 10/04/2033
Grant of Authority Date Effective: 01/15/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2284 South Victoria Ave (KOCP), Ventura, Ventura, CA
34 ° 15 ' 11.00 " N LAT. 119 ° 12 ' 33.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 36M0G3W Digital / analog traffic, various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 30K0G7W Digital traffic, various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 30K0G3W Digital / analog traffic, various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181004-04832 E E191203 Saint Michael Radio, Inc.
Registration 10/04/2018 - 10/04/2033
Grant of Authority Date Effective: 01/15/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Sat A
LOCATION: 3201 Rainbow Dam Rd, Cascade, Great Falls, MT
47 ° 32 ' 1.05 " N LAT. 111 ° 15 ' 32.40 " W LONG.

ANTENNA ID: KSMR-LP 3.1 meters Patriot PRT-310
3700.0000 - 4200.0000 MHz 36M0G7W Audio from Audio-Video

Points of Communication:

Sat A - PERMITTED LIST - ()

SES-REG-20181004-04837 E E191208 Community Broadcasting Corp of Beaufort Inc
Registration 10/04/2018 - 10/04/2033
Grant of Authority Date Effective: 01/15/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 638 Parris Island Gateway (WAGP Studio), Beaufort, Beaufort, SC
32 ° 23 ' 22.76 " N LAT. 80 ° 44 ' 27.65 " W LONG.

ANTENNA ID: ANT1 3.7 meters DAWNCO D37
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog audio with associated subcarriers

Points of Communication:

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

SES-REG-20181004-04890 E E191262 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 10/04/2018 - 10/04/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 295 South Main Street, MANTI, UT
39 ° 15 ' 41.34 " N LAT. 111 ° 38 ' 12.19 " W LONG.

ANTENNA ID: 1 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 2
LOCATION: 1315 East 900 South, PROVO, UT
40 ° 13 ' 20.24 " N LAT. 111 ° 38 ' 10.14 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 3
LOCATION: 965 North Locust Lane, PROVO, UT
40 ° 14 ' 47.45 " N LAT. 111 ° 38 ' 6.77 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 4
LOCATION: 1150 East 1240 South, SPANISH FORK, UT
36 ° 13 ' 3.97 " N LAT. 115 ° 13 ' 53.02 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 5
LOCATION: 996 West Center Street, SPRINGVILLE, UT
40 ° 10 ' 1.62 " N LAT. 111 ° 37 ' 43.96 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 6
LOCATION: 2005 North 900 East, PROVO, UT
40 ° 15 ' 35.50 " N LAT. 111 ° 38 ' 41.00 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 7
LOCATION: 1911 E 1850 S, SPANISH FORK, UT
40 ° 5 ' 14.05 " N LAT. 111 ° 37 ' 21.58 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 8
LOCATION: 989 South Spanish Fork Parkway, SPANISH FORK, UT
40 ° 5 ' 48.50 " N LAT. 111 ° 36 ' 41.54 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 9
LOCATION: 760 North 400 East, SPRINGVILLE, UT
40 ° 10 ' 38.00 " N LAT. 111 ° 36 ' 10.16 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 10
LOCATION: 350 North 400 East, SPRINGVILLE, UT
40 ° 10 ' 17.03 " N LAT. 111 ° 36 ' 9.75 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 11
LOCATION: 1625 South Slate Canyon Drive, PROVO, UT
40 ° 12 ' 43.04 " N LAT. 111 ° 37 ' 39.03 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 12
LOCATION: 80 S Center St, ESCALANTE, UT
37 ° 46 ' 9.89 " N LAT. 111 ° 36 ' 2.20 " W LONG.

ANTENNA ID: 12 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 13
LOCATION: 245 South 600 East, SPRINGVILLE, UT
40 ° 9 ' 45.78 " N LAT. 111 ° 35 ' 59.03 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 14
LOCATION: 555 South Averett Avenue, SPRINGVILLE, UT
40 ° 9 ' 32.85 " N LAT. 111 ° 35 ' 54.84 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 15
LOCATION: 475 North 1600 West, MAPLETON, UT
40 ° 8 ' 4.51 " N LAT. 111 ° 35 ' 53.73 " W LONG.

SITE ID: 22
LOCATION: 1215 North 1000 West, MAPLETON, UT
40 ° 8 ' 30.50 " N LAT. 111 ° 35 ' 29.17 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 198 West Center Street, KAYSVILLE, UT
41 ° 2 ' 8.10 " N LAT. 111 ° 56 ' 28.50 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 2300 Monitor Drive, PARK CITY, UT
40 ° 40 ' 0.75 " N LAT. 111 ° 30 ' 2.82 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 165 North Center Street, MIDWAY, UT
40 ° 30 ' 55.10 " N LAT. 111 ° 28 ' 23.44 " W LONG.

ANTENNA ID: 25 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 461 North 300 West, MT PLEASANT, UT
39 ° 33 ' 13.98 " N LAT. 111 ° 27 ' 42.46 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 27
LOCATION: 1st C Street, BOULDER, UT
37 ° 54 ' 28.08 " N LAT. 111 ° 25 ' 18.10 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 28
LOCATION: 270 West Burton Lane, KAYSVILLE, UT
41 ° 0 ' 35.70 " N LAT. 111 ° 56 ' 35.10 " W LONG.

ANTENNA ID: 28 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 29
 LOCATION: 521 East 500 North, HEBER CITY, UT
 40 ° 30 ' 51.67 " N LAT. 111 ° 24 ' 15.88 " W LONG.

ANTENNA ID: 29 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 30
 LOCATION: 40 North Main Street, COALVILLE, UT
 40 ° 55 ' 2.29 " N LAT. 111 ° 23 ' 55.24 " W LONG.

ANTENNA ID: 30 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 31
 LOCATION: 2395 South Mill Road, HEBER CITY, UT
 40 ° 28 ' 43.26 " N LAT. 111 ° 23 ' 41.79 " W LONG.

ANTENNA ID: 31 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 32
 LOCATION: 115 S 100 E, LAKETOWN, UT
 41 ° 49 ' 22.44 " N LAT. 111 ° 19 ' 13.44 " W LONG.

ANTENNA ID: 32 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 33
 LOCATION: 3038 North State Road 32, MARION, UT
 40 ° 41 ' 20.10 " N LAT. 111 ° 16 ' 49.62 " W LONG.

ANTENNA ID: 33 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 34
 LOCATION: 150 North 200 West, HEBER CITY, UT
 40 ° 30 ' 34.86 " N LAT. 111 ° 24 ' 59.75 " W LONG.

ANTENNA ID: 34 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 35
LOCATION: 95 N Clark St, GREEN RIVER, UT
38 ° 59 ' 48.45 " N LAT. 110 ° 9 ' 41.03 " W LONG.

ANTENNA ID: 35 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 36
LOCATION: 150 Skyline Drive, ROOSEVELT, UT
40 ° 17 ' 53.21 " N LAT. 110 ° 0 ' 18.65 " W LONG.

ANTENNA ID: 36 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 37
LOCATION: 447 East Lagoon Street, ROOSEVELT, UT
40 ° 18 ' 0.33 " N LAT. 109 ° 59 ' 6.46 " W LONG.

ANTENNA ID: 37 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 38
LOCATION: 502 N 600 E, ROOSEVELT, UT
40 ° 18 ' 24.14 " N LAT. 109 ° 58 ' 54.46 " W LONG.

ANTENNA ID: 38 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 39
LOCATION: 180 S Main St, WOODRUFF, UT
41 ° 31 ' 12.19 " N LAT. 111 ° 9 ' 43.14 " W LONG.

ANTENNA ID: 39 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 40
LOCATION: 15 South Main Street, RANDOLPH, UT
41 ° 39 ' 54.27 " N LAT. 111 ° 11 ' 7.22 " W LONG.

ANTENNA ID: 40 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 41
LOCATION: 35 E Main St, CASTLE DALE, UT
39 ° 12 ' 43.14 " N LAT. 111 ° 1 ' 8.29 " W LONG.

ANTENNA ID:	41	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	42			
LOCATION:	240 North Main, HUNTINGTON, UT			
	39 ° 19 ' 50.84 " N LAT.			110 ° 57 ' 50.22 " W LONG.
ANTENNA ID:	42	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	43			
LOCATION:	150 Ridgeway Street, HELPER, UT			
	39 ° 41 ' 23.85 " N LAT.			110 ° 50 ' 58.47 " W LONG.
ANTENNA ID:	43	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	44			
LOCATION:	449 North 100 East, PRICE, UT			
	39 ° 36 ' 24.15 " N LAT.			110 ° 48 ' 34.41 " W LONG.
ANTENNA ID:	44	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	45			
LOCATION:	150 South 500 East, PRICE, UT			
	39 ° 35 ' 51.04 " N LAT.			110 ° 48 ' 7.18 " W LONG.
ANTENNA ID:	45	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	46			
LOCATION:	555 S 400 W, FERRON, UT			
	39 ° 4 ' 47.04 " N LAT.			111 ° 8 ' 26.43 " W LONG.
ANTENNA ID:	46	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	
SITE ID:	47			
LOCATION:	59 S Center St, HANKSVILLE, UT			
	38 ° 22 ' 19.01 " N LAT.			110 ° 42 ' 51.56 " W LONG.
ANTENNA ID:	47	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

SITE ID: 48
LOCATION: 901 N 500 E, DUCHESNE, UT
40 ° 10 ' 24.55 " N LAT. 110 ° 23 ' 36.24 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 15600 W 4000 N, ALTAMONT, UT
40 ° 21 ' 32.42 " N LAT. 110 ° 17 ' 18.56 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50
LOCATION: 935 East Main Street, WELLINGTON, UT
39 ° 32 ' 35.01 " N LAT. 110 ° 43 ' 6.94 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

- 1 - PERMITTED LIST - ()
- 10 - PERMITTED LIST - ()
- 11 - PERMITTED LIST - ()
- 12 - PERMITTED LIST - ()
- 13 - PERMITTED LIST - ()
- 14 - PERMITTED LIST - ()
- 15 - PERMITTED LIST - ()
- 16 - PERMITTED LIST - ()
- 17 - PERMITTED LIST - ()
- 18 - PERMITTED LIST - ()
- 19 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 20 - PERMITTED LIST - ()
- 21 - PERMITTED LIST - ()
- 22 - PERMITTED LIST - ()

23 - PERMITTED LIST - ()
24 - PERMITTED LIST - ()
25 - PERMITTED LIST - ()
26 - PERMITTED LIST - ()
27 - PERMITTED LIST - ()
28 - PERMITTED LIST - ()
29 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()
30 - PERMITTED LIST - ()
31 - PERMITTED LIST - ()
32 - PERMITTED LIST - ()
33 - PERMITTED LIST - ()
34 - PERMITTED LIST - ()
35 - PERMITTED LIST - ()
36 - PERMITTED LIST - ()
37 - PERMITTED LIST - ()
38 - PERMITTED LIST - ()
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SES-REG-20181005-04741 E E191111 Ventana Television, Inc.
Registration 09/22/2018 - 09/22/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Roanoke
LOCATION: 2187 Tinker Top Road, Botetourte, Troutville, VA
37 ° 22 ' 23.05 " N LAT. 79 ° 55 ' 38.41 " W LONG.

ANTENNA ID: ANT1 3.8 meters Patriot PRT-380AZ
3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

Roanoke - PERMITTED LIST - ()

SES-REG-20181005-04746 E E191116 Ventana Television, Inc.
Registration 09/22/2018 - 09/22/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Champaign
LOCATION: 302 E. John St., Champaign, Champaign, IL
40 ° 6 ' 33.46 " N LAT. 88 ° 14 ' 5.91 " W LONG.

ANTENNA ID: ANT1 3.7 meters Prodelin 3.7M RX/O
3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video

Points of Communication:

Champaign - PERMITTED LIST - ()

SES-REG-20181006-04750 E E191120 Ventana Television, Inc.
Registration 09/22/2018 - 09/22/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Tucson

LOCATION: 12900 E. Mount Bigelow Rd, Pima, Mt. Lemmon, AZ
32 ° 24 ' 54.81 " N LAT.

110 ° 42 ' 56.45 " W LONG.

ANTENNA ID:	ANT1	3.7 meters	DH	37DH460A	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital Video

Points of Communication:

Tucson - PERMITTED LIST - ()

SES-REG-20181007-04919 E E191290 WBOC, Inc.

Registration

10/07/2018 - 10/07/2033

Grant of Authority

Date Effective: 01/15/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Studio

LOCATION: 1729 N. Salisbury Boulevard, Wicomico, Salisbury, MD
38 ° 22 ' 7.00 " N LAT.

75 ° 34 ' 49.00 " W LONG.

ANTENNA ID:	ANT 1	5 meters	DH	DH-50-GIB-Fixed	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID:	ANT 2	7 meters	Scientific Atlanta	8010	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID:	ANT 3,5 &7	3.8 meters	Comtech	C38P	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID:	ANT 4	4.6 meters	Scientific Atlanta	8346	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID:	ANT 6	3.8 meters	Patriot	PRT-380	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID:	ANT 9 & 10	4.8 meters	Andrew	AND 4.8	
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	Digital video and audio
ANTENNA ID:	ANT 11	3.7 meters	Dawnsat	D37F48-4PC	

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video and audio

Points of Communication:

Studio - PERMITTED LIST - ()

SES-REG-20181008-05064 E E191442 Truth Broadcasting Corporation
Registration 10/08/2018 - 10/08/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WSTS Fairmont Studio
LOCATION: 5448 NC-41, Robeson, Fairmont, NC
 34 ° 31 ' 4.40 " N LAT. 79 ° 6 ' 22.40 " W LONG.

ANTENNA ID: 1 3 meters Harris ES30

3700.0000 - 4200.0000 MHz 36M0F8W Analog Programming and Data

Points of Communication:

WSTS Fairmont Studio - PERMITTED LIST - ()

SES-REG-20181009-04776 E E191146 Sound Communications, LLC
Registration 09/24/2018 - 09/24/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SoCo-2
LOCATION: 4339 Pingrey Hill Road Andover, NY, Steuben, Andover, NY
 42 ° 11 ' 25.00 " N LAT. 77 ° 49 ' 17.00 " W LONG.

ANTENNA ID: SoCo-2 3.6 meters Prodelin 12C576

3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio & Video

Points of Communication:

SoCo-2 - PERMITTED LIST - ()

SES-REG-20181009-05010 E E191386 Home Box Office, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 2
LOCATION: 300 New Highway, Suffolk, Hauppauge, NY
40 ° 49 ' 14.80 " N LAT. 73 ° 15 ' 34.20 " W LONG.

ANTENNA ID:	1	11 meters	Scientific Atlanta	8007A
	3700.0000 - 4200.0000 MHz		36M0G9W	Digital Video with associated audio
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog Video with associated audio

Points of Communication:

2 - PERMITTED LIST - ()

SES-REG-20181009-05073 E E191451 Home Box Office, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 300 New Highway, Suffolk, Hauppauge, NY
40 ° 49 ' 14.90 " N LAT. 73 ° 15 ' 33.10 " W LONG.

ANTENNA ID:	1	11 meters	Scientific Atlanta	8007A
	3700.0000 - 4200.0000 MHz		36M0G9W	Digital Video with associated audio
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog Video with associated audio
	3700.0000 - 4200.0000 MHz		36M0F8W	Analog Video with audio & data subcarriers
ANTENNA ID:	2	11 meters	Scientific Atlanta	8020-180
	3700.0000 - 4200.0000 MHz		36M0F3F	Analog Video with associated audio
	3700.0000 - 4200.0000 MHz		36M0G9W	Digital Video with associated audio
	3700.0000 - 4200.0000 MHz		36M0F8W	Analog Video with audio & data subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05074 E E191452 Truth Broadcasting Corporation
Registration 10/08/2018 - 10/08/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3850 Merle Hay Rd., Polk, Des Moines, IA
41 ° 37 ' 54.80 " N LAT. 93 ° 42 ' 5.10 " W LONG.

ANTENNA ID: 1 3.7 meters Andrew ES37
3700.0000 - 4200.0000 MHz 36M0F8W Analog Programming and Data
ANTENNA ID: 2 3 meters Primefocus STR10
3700.0000 - 4200.0000 MHz 36M0F8W Analog Programming and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05084 E E191462 WDDO OF CHATTANOOGA, INC.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2615 South Broad St., Hamilton, Chattanooga, TN
35 ° 1 ' 37.00 " N LAT. 85 ° 19 ' 3.00 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8 C-Band
3700.0000 - 4200.0000 MHz 36M0G7F Digital Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181009-05108 E E191488 Home Box Office, Inc.
Registration 10/09/2018 - 10/09/2033
Grant of Authority Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 300 New Highway, Suffolk, Hauppauge, NY
40 ° 49 ' 16.20 " N LAT. 73 ° 15 ' 33.40 " W LONG.

ANTENNA ID: 1 11 meters Scientific Atlanta 8007A
3700.0000 - 4200.0000 MHz 36M0G9W Digital Video with associated audio

3700.0000 - 4200.0000 MHz

36M0F3F

Analog Video with associated audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181015-04809 E E191180 Eureka Broadcasting Co., Inc.

Registration

08/27/2018 - 08/27/2033

Grant of Authority

Date Effective: 01/21/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Brookings Studio

LOCATION: 605 Railroad Street, Curry, Brookings, OR

42 ° 3 ' 2.60 " N LAT.

124 ° 16 ' 51.50 " W LONG.

ANTENNA ID: Ant 2 3 meters Prodelin 800

3700.0000 - 4200.0000 MHz 30M0G7W

Points of Communication:

Brookings Studio - PERMITTED LIST - ()

SES-REG-20181016-04921 E E191292 Living Faith Ministries Inc

Registration

10/16/2018 - 10/16/2033

Grant of Authority

Date Effective: 01/15/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Stoney Ridge Lane, Bland, Rocky Gap, VA

37 ° 13 ' 12.30 " N LAT.

81 ° 15 ' 19.86 " W LONG.

ANTENNA ID: 1 3 meters DH Satellite DH-HDP-3.0

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

SITE ID: 2

LOCATION: Stoney Ridge Lane, Bland, Rocky Gap, VA

37 ° 13 ' 12.70 " N LAT.

81 ° 15 ' 20.56 " W LONG.

ANTENNA ID: 2 3.7 meters DH Satellite DH 3.7-4/48

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

SITE ID: 3

LOCATION: Stoney Ridge Lane, Bland, Rocky Gap, VA

37 ° 13 ' 12.71 " N LAT.

81 ° 15 ' 20.76 " W LONG.

ANTENNA ID: 3	3.7 meters	DH Satellite	DH 3.7-4/48
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Carrier

Points of Communication:

- 1 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()

SES-STA-20191211-01688	E	E190489	SES Americom, Inc.	
Special Temporary Authority				
Grant of Authority				Date Effective: 01/15/2020

Class of Station:

On January 15, 2020, SES Americom, Inc. was granted special temporary authority for 30 days, beginning January 15, 2020, to operate a fixed earth station in Koolulua, HI to conduct antenna verification tests with the NSS-11 satellite at the 176° E.L. orbital location in the 14000-14500 MHz (Earth-to-space), and 10950-11200 MHz, 11450-11700 MHz, 12250-12750 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20191218-01758	E	KL92	Intelsat License LLC	
Special Temporary Authority				
Grant of Authority				Date Effective: 01/15/2020

Class of Station:

On January 15, 2020, Intelsat License LLC ("Intelsat") is granted special temporary authority for 30 days, beginning January 15, 2019, to operate its Castle Rock, Colorado Ku-band earth station to provide telemetry, tracking, and command ("TT&C") services for HISPASAT 143W-1 administered by Spain during the satellite's drift to, and on-station at the 143° W.L. orbital location using center frequencies: 14498.7 MHz (Earth-to-space); and 12749.75 MHz (space-to-Earth).

Points of Communication:

SES-STA-20200102-00028	E	KA258	Intelsat License LLC	
Special Temporary Authority				
Grant of Authority				Date Effective: 01/15/2020

Class of Station:

On January 15, 2020, Intelsat Licensee LLC was granted special temporary authority for 30 days, beginning January 16, 2020, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the BB4A satellite at the 14.0° E.L. orbital location in the 11701.60 MHz and 11704.00 MHz (space-to-Earth), and 14000.00 MHz and 14499.80 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20200103-00016	E	E170122	Intelsat License LLC	
Special Temporary Authority				
Grant of Authority				Date Effective: 01/15/2020

Class of Station:

On January 15, 2020, Intelsat Licensee LLC was granted special temporary authority for 30 days, beginning January 16, 2020, to operate its fixed earth station in Ellenwood, GA to provide launch and early orbit phase (LEOP) services for the BB4A satellite at the 14.0° E.L. orbital location in the 11701.60 MHz and 11704.00 MHz (space-to-Earth), and 14000.00 MHz and 14499.80 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20200106-00015 E E990323 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 01/15/2020

Class of Station:

On January 15, 2020, Intelsat License LLC was granted special temporary authority for 30 days, beginning January 16, 2020, to operate its fixed earth station in Castle Rock, CO to provide back-up telemetry, tracking, and command services for the HYLAS-1 satellite on-station at the 79.0° W.L orbital location in the 17302.048 MHz and 17305.051 MHz (Earth-to-space), and 11701.008 MHz and 11702.808 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200114-00029 E Global Eagle Telecom Licensing Subsidiary LLC

Special Temporary Authority

Grant of Authority

Date Effective: 01/16/2020

Class of Station:

On January 16, 2020 Global Eagle Telecom Licensing Subsidiary LLC was granted special temporary authority for 30 days, beginning January 20, 2020, to conduct antenna tests using a 1.2 meter antenna to communicate with the AMC-6 (S2347) satellite at the 83° W.L. orbital location in the 11.45-11.7 GHz (space-to Earth) frequency band.

Points of Communication:

SURRENDER

SES-MOD-20060419-00687 E950174 UNIVERSITY OF NORTHWESTERN - ST. PAUL

License surrendered by letter filed on January 21, 2020.

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