



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02289

Wednesday July 29, 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-AMD-20181016-03260 E E181401 Spectrum Oceanic, LLC

Amendment

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 73-4876 Kanalani St, Hawaii, Kailua-Kona, HI

19 ° 41 ' 3.70 " N LAT.

156 ° 1 ' 11.00 " W LONG.

ANTENNA ID:	1	5 meters	Antenna Technology Corp.	Simulsat 5M
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 6	4.5 meters	DH Satellite
		4.5M
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 7	4.5 meters	Scientific-Atlanta
		8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 8	3.8 meters	Comtech
		934D0015-G5
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 9	3.7 meters	Prodelin
		1374
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 10	1.8 meters	Patriot
		TX-INT180KU
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, Data
ANTENNA ID: 11	7 meters	ATCI
		SIMULSAT 7
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-ASG-20191107-01454 E E980488 Live Mobile Group LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 07/27/2020

Current Licensee: Live Mobile Group LLC

FROM: LIVE MOBILE GROUP

TO: The Satellite Center, Inc.

No. of Station(s) listed: 1

SES-ASG-20200701-00722 E E181380 Coastal Television of Anchorage LLC

Application for Consent to Assignment

Grant of Authority

Date Effective: 07/23/2020

Current Licensee: Coastal Television of Anchorage LLC

FROM: COASTAL TELEVISION OF ANCHORAGE, LLC

TO: KTBY License LLC

No. of Station(s) listed: 1

SES-ASG-20200702-00688	E	E181170	Vision Alaska of Anchorage LLC	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 07/23/2020
Current Licensee: Vision Alaska of Anchorage LLC				
FROM: VISION ALASKA OF ANCHORAGE LLC				
TO: KYUR License LLC				
				No. of Station(s) listed: 1
SES-ASG-20200702-00689	E	E181367	VISION ALASKA II LLC	
Application for Consent to Assignment				
Grant of Authority				Date Effective: 07/23/2020
Current Licensee: VISION ALASKA II LLC				
FROM: VISION ALASKA II LLC				
TO: KATN and KJUD License LLC				
				No. of Station(s) listed: 1
SES-ASG-20200702-00701	E	E190826	Cox Media Group Northeast, LLC	
Application for Consent to Assignment				
Consummated				Date Effective: 07/02/2020
Current Licensee: Cox Media Group Northeast, LLC				
FROM: COX MEDIA GROUP NORTHEAST, LLC				
TO: WFXT (Boston), LLC				
				No. of Station(s) listed: 1
SES-ASG-20200702-00708	E	E170210	Cox Radio, Inc.	
Application for Consent to Assignment				
Consummated				Date Effective: 07/02/2020
Current Licensee: Cox Radio, Inc.				
FROM: COX RADIO, INC.				
TO: Cox Radio, LLC				
				No. of Station(s) listed: 7
SES-ASG-20200702-00709	E	E180014	Cox Radio, Inc.	
Application for Consent to Assignment				
Consummated				Date Effective: 07/02/2020
Current Licensee: Cox Radio, Inc.				
FROM: COX RADIO, INC.				
TO: Camelot Radio Buyer, LLC				
				No. of Station(s) listed: 1
SES-ASG-20200702-00711	E	E170209	Cox Radio, Inc.	
Application for Consent to Assignment				
Consummated				Date Effective: 07/02/2020
Current Licensee: Cox Radio, Inc.				
FROM: COX RADIO, INC.				
TO: CMG NY/Texas Radio, LLC				
				No. of Station(s) listed: 2

SES-ASG-20200709-00728 E E181390 Falcon Cable Media, a California Limited Partnership
Application for Consent to Assignment
Consummated
Date Effective: 07/09/2020

Current Licensee: Falcon Cable Media, a California Limited Partnership
FROM: FALCON CABLE MEDIA, A CALIFORNIA LIMITED PARTNERSHIP
TO: Spectrum Southeast, LLC

No. of Station(s) listed: 1

SES-ASG-20200716-00784 E E970402 Pacific Satellite Connection, Inc.
Application for Consent to Assignment
Withdrawn
Date Effective: 07/23/2020

Current Licensee: Pacific Satellite Connection, Inc.
FROM: PACIFIC SATELLITE CONNECTION, INC.
TO: PACSATPLUS

No. of Station(s) listed: 2

SES-ASG-20200720-00756 E E000306 MCI Communications Services, LLC
Application for Consent to Assignment
Grant of Authority
Date Effective: 07/27/2020

Current Licensee: MCI Communications Services, Inc.
FROM: MCI COMMUNICATIONS SERVICES, INC.
TO: MCI Communications Services, LLC

No. of Station(s) listed: 9

Condition:
This grant is without prejudice to enforcement action in connection with any unauthorized transfer(s) of control that occurred prior to the date of this grant.

SES-LIC-20200512-00520 E E202001 General Atomics Aeronautical Systems, Inc.
Application for Authority
Grant of Authority
07/27/2020 - 07/27/2035
Date Effective: 07/27/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: YPG
LOCATION: Laguna Army Airfield, Yuma, Yuma, AR

ANTENNA ID:	1	0.68 meters	General Dynamics Mission Systems	M17-27A
	14000.0000 - 14500.0000 MHz	20M0G2D	53.57 dBW	Digital Data, various FEC, data rates, and modulations
	11700.0000 - 12200.0000 MHz	20M0G2D	0.00 dBW	Digital Data, various FEC, data rates, and modulations

SITE ID: FTTC
LOCATION: 122 Grand Sky Blvd, Grand Forks, Emerado, ND

ANTENNA ID:	2	0.68 meters	General Dynamics Mission Systems	M17-27A
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14000.0000 - 14500.0000 MHz	20M0G2D	53.57 dBW	Digital Data, various FEC, data rates, and modulations
11700.0000 - 12200.0000 MHz	20M0G2D	0.00 dBW	Digital Data, various FEC, data rates, and modulations
SITE ID:	GB		
LOCATION:	25500 E Ave R 8, Los Angeles, Palmdale, CA		
ANTENNA ID:	3	0.68 meters	General Dynamics Mission Systems M17-27A
14000.0000 - 14500.0000 MHz	20M0G2D	53.57 dBW	Digital Data, various FEC, data rates, and modulations
11700.0000 - 12200.0000 MHz	20M0G2D	0.00 dBW	Digital Data, various FEC, data rates, and modulations
Points of Communication:			
FTTC - PERMITTED LIST - ()			
GB - PERMITTED LIST - ()			
YPG - PERMITTED LIST - ()			
SES-MFS-20200515-00540	E E050017	DISH Broadcasting Corporation	
Modification		06/07/2020 - 06/07/2035	
Grant of Authority		Date Effective:	07/27/2020
Class of Station:	Fixed Earth Stations		
Nature of Service:	Direct Broadcast Satellite Service, Other		
SITE ID:	GT7 & GT8		
LOCATION:	800 North America Sky Blvd., Maricopa, Gilbert, AZ		
	33 ° 21 ' 55.90 " N LAT.	111 ° 48 ' 50.00 " W LONG.	
ANTENNA ID:	GT7	13.2 meters	Vertex/TIW 13.2 Meter
17300.0000 - 17800.0000 MHz	300KG7D -	82.10 dBW	Data Carrier
17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Data Carrier
12200.0000 - 12700.0000 MHz	24M0G7W		Data Carrier
12200.0000 - 12700.0000 MHz	300KG7D -		Data Carrier
12200.0000 - 12210.0000 MHz	800KG2D		Telemetry
12690.0000 - 12700.0000 MHz	800KG2D		Telemetry
17300.0000 - 17310.0000 MHz	800KG2D	82.10 dBW	Telecommand
17790.0000 - 17800.0000 MHz	800KG2D	82.10 dBW	Telecommand

ANTENNA ID:	GT8	13.2 meters	Vertex/TIW	13.2 Meter
	17300.0000 - 17800.0000 MHz	300KG7D -	82.10 dBW	Data Carrier
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Data Carrier
	12200.0000 - 12700.0000 MHz	300KG7D -		Data Carrier
	12200.0000 - 12700.0000 MHz	24M0G7W		Data Carrier
	12200.0000 - 12210.0000 MHz	800KG2D		Telemetry
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry
	17300.0000 - 17310.0000 MHz	800KG2D	82.10 dBW	Telecommand
	17790.0000 - 17800.0000 MHz	800KG2D	82.10 dBW	Telecommand

Points of Communication:

GT7 & GT8 - CIEL 2 - (128.85 W.L)

GT7 & GT8 - ECHOSTAR/DISH - ()

GT7 & GT8 - NIMIQ 5 - (72.7 W.L.)

GT7 & GT8 - PERMITTED LIST - ()

GT7 & GT8 - QUETZSAT-1 - (77.00 W.L.)

SES-MOD-20180517-00825	E	E010028	AMC Networks Broadcasting & Technology	
Application for Modification				05/07/2011 - 05/07/2026
Grant of Authority				Date Effective: 07/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 620 HICKSVILLE ROAD, NASSAU, BETHPAGE, NY

40 ° 44 ' 39.60 " N LAT.

73 ° 29 ' 38.10 " W LONG.

ANTENNA ID:	1	9 meters	VERTEX	9 KPC
	6088.0000 - 6425.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO AUDIO DATA CARRIER
	5925.0000 - 6038.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO AUDIO DATA CARRIER
	3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO AUDIO DATA CARRIER
ANTENNA ID:	2	9 meters	VERTEX	9 KPC

6088.0000 - 6425.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
6088.0000 - 6425.0000 MHz	36M0G7F	77.70 dBW	DIGITAL COMPRESSED VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0G7F	77.70 dBW	DIGITAL COMPRESSED VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL COMPRESSED VIDEO CARRIER
ANTENNA ID: 3	9 meters	GENERAL DYNAMICS	KPC-9.0
6088.0000 - 6425.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO CARRIER
6088.0000 - 6425.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G3F		ANALOG VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO CARRIER
ANTENNA ID: 4	9 meters	GENERAL DYNAMICS	KPC-9.0
6088.0000 - 6425.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
6088.0000 - 6425.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G3F		ANALOG VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO CARRIER
ANTENNA ID: 5	9 meters	VERTEX RSI	KPC-9.0
5925.0000 - 6038.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0F7F		DIGITAL VIDEO CARRIER
6088.0000 - 6425.0000 MHz	36M0G7F	77.70 dBW	DIGITAL VIDEO CARRIER

ANTENNA ID:	6	7.2 meters	VERTEX RSI	KPC-7.2
	5925.0000 - 6425.0000 MHz	36M0G3F	51.70 dBW	ANALOG VIDEO CARRIER
	5925.0000 - 6425.0000 MHz	36M0F3F	51.70 dBW	ANALOG VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0G3F		ANALOG VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG VIDEO CARRIER
ANTENNA ID:	7	6.1 meters	VERTEX RSI	KXC-6.1
	3700.0000 - 4200.0000 MHz	36M0G3F		ANALOG VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG VIDEO CARRIER
ANTENNA ID:	8	9.3 meters	GENERAL DYNAMICS	KPC-9.3
	5925.0000 - 6038.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
	6088.0000 - 6425.0000 MHz	36M0G3F	77.70 dBW	ANALOG VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0G3F		ANALOG VIDEO CARRIER
ANTENNA ID:	9	4.5 meters	ASC	ESA-4.6
	3700.0000 - 4200.0000 MHz	36M0G3F		ANALOG VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180817-02671	E E8014	Cox Communications Arizona, LLC	
Application for Modification			
Grant of Authority		Date Effective:	07/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 17602 N Black Canyon Highway Canyon Highway, MARICOPA, PHOENIX, AZ
33 ° 38 ' 45.32 " N LAT. 112 ° 7 ' 0.34 " 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-MOD-20180817-02674 E KL75 Cox Communications Arizona, LLC
Application for Modification 09/15/2010 - 09/15/2025
Grant of Authority Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Douglas
LOCATION: 1119 F Ave, DOUGLAS, DOUGLAS, AZ
 31 ° 20 ' 46.20 " N LAT. 109 ° 33 ' 8.80 " W LONG.

ANTENNA ID: 3.7m 3.7 meters Eagle 3.7m

 3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

Douglas - PERMITTED LIST - ()

SES-MOD-20180820-02805 E WF54 CoxCom, LLC
Application for Modification 12/07/2010 - 12/07/2025
Grant of Authority Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 6020 NW 43RD STREET, ALACHUA, GAINESVILLE, FL
 29 ° 42 ' 35.70 " N LAT. 82 ° 23 ' 24.20 " W LONG.

ANTENNA ID: 1 10 meters SCIENTIFIC-ATLANTA 8003

 3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180821-02808 E E020081 Cox Communications, Inc
Application for Modification 03/22/2017 - 03/22/2032
Grant of Authority Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 6601 HAWKINSVILLE RD., BIBB, MACON, GA
 32 ° 43 ' 42.30 " N LAT. 83 ° 39 ' 23.00 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC-ATLANTA	8345
3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIER	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180821-03536	E	E010304	Cox Communications Gulf Coast, LLC	
Application for Modification			09/24/2011 - 09/24/2026	
Grant of Authority			Date Effective:	07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2120 WEST. JORDAN STREET, ESCAMBIA, PENSACOLA, FL
30 ° 26 ' 5.80 " N LAT. 87 ° 14 ' 30.20 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC-ATLANTA	8345 4.5 METER
3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIER	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180829-03559	E	KQ73	Cable One, Inc.	
Application for Modification			05/21/2017 - 05/21/2032	
Grant of Authority			Date Effective:	07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1341 EAST THORNTON RD., NAVAJO, SHOW LOW, AZ
34 ° 15 ' 48.60 " N LAT. 110 ° 1 ' 39.10 " W LONG.

ANTENNA ID:	1	4.5 meters	PATRIOT ANTENNA SYSTEMS	4.5 M. PRIM FOCUS
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180919-03624	E	E050037	WAOW-WYOW License, LLC	
Application for Modification			02/11/2020 - 02/11/2035	
Grant of Authority			Date Effective:	07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 605 EAST KENT STREET (WAOW) TELEVISION, MARATHON, WAUSAU, WI
44 ° 56 ' 0.50 " N LAT. 89 ° 36 ' 8.80 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW	ESA45-4
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL TV VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	ANALOG TV VIDEO
ANTENNA ID:	2	7.3 meters	ANDREW	ESA73-46
	3700.0000 - 4200.0000 MHz		36M0F3F	ANALOG TV VIDEO
ANTENNA ID:	3	3.8 meters	PATRIOT	PRT-380AZ
	3700.0000 - 4200.0000 MHz		36M0G7F	DIGITAL TV VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180920-03562 E E180485 KDSM Licensee, LLC

Application for Modification

05/21/2018 - 05/21/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4023 Fleur Drive, Polk, Des Moines, IA
41 ° 32 ' 50.61 " N LAT. 93 ° 38 ' 35.78 " W LONG.

ANTENNA ID:	6.1M.	6.1 meters	Vertex	6.1M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Data: Various FEC, Data Rates and Modulation
ANTENNA ID:	2	3.8 meters	Prodelin	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	3.8 meters	AFC	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	4	3.8 meters	Patriot	PRT-380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180921-03564 E E180201 WVTV Licensee, LLC

Application for Modification

05/03/2018 - 05/03/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 11520 W Calumet Rd, Milwaukee, Milwaukee, WI

43 ° 9 ' 20.40 " N LAT.

88 ° 3 ' 19.50 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta 4.5M

3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

ANTENNA ID: 4 3.7 meters Prodelin Series 1374-1375

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180921-03577 E E180416 KHQA Licensee, LLC

Application for Modification

05/16/2018 - 05/16/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 301 S 36th St, Adams, Quincy, IL

39 ° 55 ' 43.60 " N LAT.

91 ° 21 ' 28.10 " W LONG.

ANTENNA ID: 4.6M. 4.5 meters Scientific Atlanta 8346

3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

ANTENNA ID: 2 3.2 meters Harris 1439

3700.0000 - 4200.0000 MHz 36M0G7W36 Digital Vedio and Data

ANTENNA ID: 3 3.2 meters Miralite MRL370

3700.0000 - 4200.0000 MHz 36M0G7W Digital Vedio and Data

ANTENNA ID:	4	4 meters	Comtech	COM4.0
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Vedio and Data
ANTENNA ID:	5	1.8 meters	Patriot	PRT180
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Vedio and Data
ANTENNA ID:	6	3.2 meters	Patriot	PRT310
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Vedio and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180921-03791	E	E180254	WGME Licensee, LLC	05/08/2018 - 05/08/2033
Application for Modification				Date Effective: 07/23/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 81 Northport Drive, Cumberland, Portland, ME
43 ° 42 ' 3.60 " N LAT. 70 ° 17 ' 3.30 " W LONG.

ANTENNA ID:	1	7 meters	Scientific Atlanta	8010
	3700.0000 - 4200.0000 MHz		36M0G7W	digital data: various FEC, data rates and modulation
ANTENNA ID:	2	4.6 meters	SCIENTIF ATLANTA	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	7 meters	RSI	RS17MRO
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	4	3.7 meters	DH	37DH1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180926-03571	E	E180618	Gray Television Licensee, LLC	06/01/2018 - 06/01/2033
Application for Modification				Date Effective: 07/23/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7387 River Road, Baton Rouge Parish, Baton Rouge, LA
30 ° 22 ' 4.50 " N LAT. 91 ° 12 ' 59.10 " W LONG.

ANTENNA ID:	7M.	7 meters	Scientific-Atlanta	80
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier	
ANTENNA ID:	CBS BU	4.6 meters	Scientific-Atlanta	8346
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier	
ANTENNA ID:	CBS 2NDAR	5 meters	Comtech	5.0M. DUAL AXIS
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181009-03539	E	E020094	Cox Communications Kansas, LLC	04/01/2017 - 04/01/2032
Application for Modification			Date Effective:	07/27/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 10851 W FRONTVIEW, FORD, DODGE CITY, KS
37 ° 46 ' 46.50 " N LAT. 100 ° 3 ' 41.60 " W LONG.

ANTENNA ID:	1	3.8 meters	DAWNCO DH	3.8 METER
3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181009-03543	E	KF41	Cox Communications Kansas, LLC	04/27/2011 - 04/27/2026
Application for Modification			Date Effective:	07/27/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1615 SW WASHBURN, SHAWNEE, TOPEKA, KS
39 ° 2 ' 15.70 " N LAT. 95 ° 41 ' 49.90 " W LONG.

ANTENNA ID:	1	3.7 meters	GENERAL DYNAMICS/PRODELIN	3.7 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181009-03600	E	E080061	Cox Communications Las Vegas Inc	03/11/2008 - 03/11/2023
Application for Modification			Date Effective:	07/23/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 180 PACIFIC CENTER DRIVE, CLARK, HENDERSON, NV
 36 ° 2 ' 25.60 " N LAT. 115 ° 2 ' 19.80 " W LONG.

ANTENNA ID:	1	4.5 meters	VisSat	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Analog and Digital
	3700.0000 - 4200.0000 MHz		36M0F8W	Analog and Digital
ANTENNA ID:	4.5M.	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Viideo Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04290	E	E180194	Tribune Media Company	05/03/2018 - 05/03/2033
Application for Modification			Date Effective:	07/23/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 2121 Wisconsin, District of Columbia, Washington, DC
 38 ° 55 ' 5.80 " N LAT. 77 ° 4 ' 10.40 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	DAWNCO	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	3	5 meters	DAWNCO	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04292	E	E180069	Tribune Broadcasting Company II, LLC	
Application for Modification				03/27/2018 - 03/27/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 East Speer Blvd, Denver, Denver, CO
39 ° 43 ' 29.70 " N LAT. 104 ° 59 ' 9.10 " W LONG.

ANTENNA ID:	1	4.5 meters	Andrew	ESA45-4A
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	ANDREW	4.METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.8 meters	DH	3.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3.8 meters	ANDREW	3.8
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	5 meters	SCIENTIFIC-ATLANTA	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04293	E	E180196	Tribune Media Company	
Application for Modification				05/03/2018 - 05/03/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 4655 Fruitridge Rd, Sacramento, Sacramento, CA
 38 ° 31 ' 31.30 " N LAT. 121 ° 27 ' 6.80 " W LONG.

ANTENNA ID:	1	4.5 meters	Andrew	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	PATRIOT	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	4.5 meters	AFC	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3 meters	AFC	3 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	3 meters	PATRIOT	3 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04294	E	E180186	Tribune Media Company	05/03/2018 - 05/03/2033
Application for Modification				Date Effective: 07/23/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 7191 Engineer Road, San Diego, San Diego, CA
 32 ° 49 ' 36.10 " N LAT. 117 ° 9 ' 41.30 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	3 meters	DH	3 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.5 meters	PATRIOT	3.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	2.7 meters	PATRIOT	2.7 METER

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 5	4.5 meters AFC	4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 6	4.5 meters PATRIOT	4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04295	E E180160	TEGNA Broadcast Holdings, LLC	05/03/2018 - 05/03/2033
Application for Modification			Date Effective: 07/23/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 285 Broad Street, Hartford, Hartford, CT
41 ° 45 ' 54.90 " N LAT. 72 ° 41 ' 14.30 " W LONG.

ANTENNA ID: 1	4.5 meters Andrew	4.5 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 2	4.5 meters PATRIOT	4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 3	4.5 meters ANDREW	4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 4	3.8 meters PATRIOT	3.8 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 5	2.8 meters PATRIOT	2.8 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04296 E E180067 Tribune Broadcasting Company II, LLC

Application for Modification

03/27/2018 - 03/27/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2250 Ball Drive, Maryland Heights, MO

38 ° 42 ' 7.00 " N LAT.

90 ° 25 ' 8.00 " W LONG.

ANTENNA ID:	1	4.5 meters	DH	AZ/EL 4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	ANDREW	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	4.5 meters	PATRIOT	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3.5 meters	PATRIOT	3.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	4 meters	DH	4 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	6	5 meters	DH	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04298 E E180163 TEGNA Broadcast Holdings, LLC

Application for Modification

05/03/2018 - 05/03/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Farmington

LOCATION: 200 Colt Hwy Route 6, Hartford, Farmington, CT

41 ° 42 ' 10.80 " N LAT.

72 ° 49 ' 54.90 " W LONG.

ANTENNA ID:	1	6 meters	Scientific-Atlanta	6 meter
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3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	5 meters	AFC
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	4.5 meters	PATRIOT
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

Farmington - PERMITTED LIST - ()

SES-MOD-20181010-04301	E E180135	Tribune Broadcasting Company II, LLC	04/25/2018 - 04/25/2033
Application for Modification			Date Effective: 07/23/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5800 South Marginal Road, Cuyahoga, Cleveland, OH
41 ° 31 ' 47.40 " N LAT. 81 ° 38 ' 55.50 " W LONG.

ANTENNA ID: 1	5 meters	Dawnco	5 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier	
ANTENNA ID: 2	4.5 meters	ANDREW	4.5 METER
ANTENNA ID: 3	3.5 meters	DAWNCO	3.5 METER
ANTENNA ID: 4	3.5 meters	AFC	3.5 METER
ANTENNA ID: 5	3.1 meters	PATRIOT	3.1 METER
ANTENNA ID: 6	4.5 meters	CYCLESAT	4.5 METER
ANTENNA ID: 7	4.5 meters	COMTECH	4.5 METER
ANTENNA ID: 8	4.6 meters	SCIENTIFIC-ATLANTA	4.6 METER
ANTENNA ID: 9	7 meters	SCIENTIFIC-ATLANTA	7 METER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04302 E E180162 TEGNA Broadcast Holdings, LLC
Application for Modification 05/03/2018 - 05/03/2033
Grant of Authority Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 103 East Side Blvd, New Haven, Waterbury, CT
41 ° 31 ' 5.20 " N LAT. 73 ° 1 ' 6.60 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	PATRIOT	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181010-04507 E E180274 Tribune Media Company
Application for Modification 05/10/2018 - 05/10/2033
Grant of Authority Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 8001 John Carpenter Freeway, Dallas, Dallas, TX
32 ° 49 ' 9.20 " N LAT. 96 ° 52 ' 33.70 " W LONG.

ANTENNA ID:	1	6.1 meters	Harris	5246
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	6 meters	ANDREW	6 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	4.5 meters	ANDREW	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3.7 meters	ANDREW	3.7 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	4.5 meters	PRODELIN	4.5 METER

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier	
ANTENNA ID: 6	4.5 meters	PATRIOT	4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier	
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-MOD-20181010-04508	E E180271	Tribune Media Company	
Application for Modification			05/10/2018 - 05/10/2033
Grant of Authority			Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	5001 Wynnefield Avenue, Philadelphia, Philadelphia, PA		
	39 ° 59 ' 34.00 " N LAT.	75 ° 13 ' 30.00 " W LONG.	
ANTENNA ID: 1	7.3 meters	Andrew	7.3 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier	
ANTENNA ID: 2	5 meters	COMTECH	5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier	
ANTENNA ID: 3	7.3 meters	ANDREW	7.3 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier	
ANTENNA ID: 4	4.7 meters	PATRIOT	4.7 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier	
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-MOD-20181011-05374	E E180216	TEGNA Broadcast Holdings, LLC	
Application for Modification			05/04/2018 - 05/04/2033
Grant of Authority			Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	2005 S. Queen St, York, York, PA		
	39 ° 56 ' 26.00 " N LAT.	76 ° 41 ' 52.00 " W LONG.	

ANTENNA ID:	1	4.5 meters	SSE	4.1 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	5 meters	ANDREW	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3 meters	PATRIOT	3 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3 meters	ANDREW	3 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	3 meters	PRODELIN	3 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181012-05555	E	E180192	Tribune Media Company	
Application for Modification				05/03/2018 - 05/03/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 5800 W Sunset Blvd, Los Angeles, Los Angeles, CA
 34 ° 5 ' 48.70 " N LAT. 118 ° 18 ' 59.90 " W LONG.

ANTENNA ID:	1	7.6 meters	ASC	ES76K-1
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	EASI	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05636	E	E180191	Tribune Broadcasting Company II, LLC	
Application for Modification				05/03/2018 - 05/03/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 199 NE 134th Ave, Polk, Alleman, IA
41 ° 48 ' 33.00 " N LAT.

93 ° 36 ' 53.00 " W LONG.

ANTENNA ID:	1	7 meters	Satcom Technologies	700C
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.2 meters	dh	4.2 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05637 E E180111 Tribune Broadcasting Company II, LLC

Application for Modification

04/24/2018 - 04/24/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Hight Point

LOCATION: 2005 Francis Street, Guilford, High Point, NC
35 ° 56 ' 14.40 " N LAT.

79 ° 58 ' 47.10 " W LONG.

ANTENNA ID:	1	7.3 meters	Andrew	ESA73-46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	ANDREW	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3 meters	PRODELIN	3 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	5 meters	AFC	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	4.2 meters	DH	4.2 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	6	5 meters	DH	5 METER

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
Hight Point - PERMITTED LIST - ()		
SES-MOD-20181014-05638	E E180281	Tribune Media Company
Application for Modification		05/11/2018 - 05/11/2033
Grant of Authority		Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	19255 SW Arctic Drive, Beaverton, OR 45 ° 28 ' 54.10 " N LAT. 122 ° 46 ' 55.50 " W LONG.	
ANTENNA ID: 1	4.5 meters	Andrew 4.5 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 2	3.7 meters	PATRIOT 3.7 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 3	3 meters	CHANNEL MASTER 3 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 4	3 meters	DH 3 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 5	3.7 meters	DH 3.7 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-MOD-20181014-05643	E E180168	Tribune Television New Orleans, Inc.
Application for Modification		05/02/2018 - 05/02/2033
Grant of Authority		Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	Metairie	
LOCATION:	1 Galleria Blvd., Jefferson Parish, Metairie, LA 29 ° 59 ' 41.80 " N LAT. 90 ° 9 ' 7.30 " W LONG.	

ANTENNA ID:	1	4.5 meters	Andrew	4.5 meter
	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
	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
ANTENNA ID:	2	4.5 meters	PATRIOT	4.5 METER
ANTENNA ID:	3	4.5 meters	ANDREW	4.5 METER
ANTENNA ID:	4	1.8 meters	CHANNEL MASTER	1.8 METER
ANTENNA ID:	5	2.4 meters	PRODELIN	2.4 METER
ANTENNA ID:	6	3.7 meters	PATRIOT	3.7 METER
ANTENNA ID:	7	3.7 meters	PRODELIN	3.7 METER

Points of Communication:

Metarie - PERMITTED LIST - ()

SES-MOD-20181014-05668	E E180171	Tribune Broadcasting Company II, LLC	05/03/2018 - 05/03/2033
Application for Modification			Date Effective: 07/23/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 318 N 13th St, Sebastian, Fort Smith, AR
35 ° 23 ' 6.70 " N LAT. 94 ° 24 ' 58.40 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific-Atlanta	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	EASI	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

ANTENNA ID:	3	5.2 meters	ANDREW	5.2 METER
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier

ANTENNA ID:	4	3.4 meters	PATRIOT	3.4 METER
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05669	E	E180071	TEGNA Broadcast Holdings, LLC	03/27/2018 - 03/27/2033
Application for Modification				
Grant of Authority			Date Effective:	07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3003 Park 16th Street, Rock Island, Moline, IL
41 ° 28 ' 54.90 " N LAT. 90 ° 30 ' 44.10 " W LONG.

ANTENNA ID:	1	4.5 meters	DH Satellite	4.5 meter
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier
ANTENNA ID:	2	4.5 meters	DH	4.5 METER
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier
ANTENNA ID:	3	3.7 meters	DH	3.7 METER
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier
ANTENNA ID:	4	3.6 meters	PATRIOT	3.6 METER
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05670	E	E180166	Tribune Television New Orleans, Inc.	05/02/2018 - 05/02/2033
Application for Modification				
Grant of Authority			Date Effective:	07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 221 East Josephine St, St.Bernard Parish, Chalmette, LA
29 ° 57 ' 0.00 " N LAT. 89 ° 57 ' 28.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Andrew	4.5
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID:	2	3.7 meters	MIRALITE	3.7 METER
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05671	E	E180170	Tribune Broadcasting Company II, LLC	
Application for Modification				05/03/2018 - 05/03/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 179 Gladewood Road, Crawford, Van Buren, AR
35 ° 30 ' 41.90 " N LAT. 94 ° 21 ' 36.20 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific-Atlanta	4.5 meter
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID:	2	5.2 meters	Scientific-Atlanta	5.2 METER
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID:	3	4.5 meters	Scientific-Atlanta	4.5 METER
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05672	E	E180167	Tribune Broadcasting Company II, LLC	
Application for Modification				05/03/2018 - 05/03/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5100 S 48th St, Washington, Johnson, AR
36 ° 8 ' 17.00 " N LAT. 94 ° 10 ' 42.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific-Atlanta	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	EASI	4.5 METER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05673	E	E180066	TEGNA Broadcast Holdings, LLC	
Application for Modification				03/27/2018 - 03/27/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2880 N. 1100 Ave., Rock Island, Orion, IL
41 ° 18 ' 44.30 " N LAT. 90 ° 22 ' 40.40 " W LONG.

ANTENNA ID:	1	7.3 meters	Andrew	7.3 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	ANDREW	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.7 meters	DH	3.7 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05674	E	E180382	Tribune Broadcasting Company II, LLC	
Application for Modification				05/21/2018 - 05/21/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 200 Holmes Ave, Madison, Huntsville, AL
34 ° 43 ' 54.50 " N LAT. 86 ° 35 ' 23.80 " W LONG.

ANTENNA ID:	1	4.5 meters	EASi	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	EASI	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.5 meters	ANDREW	3.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	5 meters	ATCI	SIMULSAT
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181014-05675	E	E180136	Tribune Broadcasting Company II, LLC	
Application for Modification				04/25/2018 - 04/25/2033
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 803 Channel 3 Drive, Shelby, Memphis, TN
35 ° 7 ' 36.00 " N LAT. 90 ° 4 ' 16.00 " W LONG.

ANTENNA ID:	1	7 meters	Scientific-Atlanta	8010
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters	EASI	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	4.6 meters	Scientific-Atlanta	4.6 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	4.5 meters	PATRIOT	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	4.5 meters	ANDREW	4.5 METER

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-MOD-20181014-05676	E E180132	TEGNA Broadcast Holdings, LLC
Application for Modification		06/13/2018 - 06/13/2033
Grant of Authority		Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	16 Montage Mountain Road, Lackawanna, MOOSIC, PA 41 ° 22 ' 10.90 " N LAT. 75 ° 40 ' 52.20 " W LONG.	
ANTENNA ID:	1	7.3 meters Andrew ESA 73-46
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID:	2	4.5 meters PATRIOT 4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID:	3	4.5 meters DH 4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID:	4	3.8 meters COMTECH 3.8
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-MOD-20181014-05677	E E180449	Tribune Broadcasting Company II, LLC
Application for Modification		05/21/2018 - 05/21/2033
Grant of Authority		Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	820 Monte Sano Blvd, Madison, HUNTSVILLE, AL 34 ° 44 ' 18.90 " N LAT. 86 ° 31 ' 57.00 " W LONG.	
ANTENNA ID:	1	7 meters Andrew 7m
3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW Digital Video Carrier

ANTENNA ID:	2	7 meters	ANDREW	7 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03560	E	E970386	WGXA Licensee, LLC	
Application for Modification				06/30/2007 - 06/30/2022
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE 1
LOCATION: 599 MARTIN LUTHER KING, JR. BLVD., BIBB, MACON, GA
32 ° 49 ' 57.80 " N LAT. 83 ° 37 ' 42.40 " W LONG.

ANTENNA ID:	1	7.3 meters	ANDREW CORPORATION	ESA73-46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	2	3.8 meters	PATRIOT	PRT380
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data
ANTENNA ID:	3	4.5 meters	DH	DH4.5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video and Data

Points of Communication:

SITE 1 - PERMITTED LIST - ()

SES-MOD-20181015-03588	E	E060176	KVUE Television, Inc.	
Application for Modification				05/19/2006 - 05/19/2021
Grant of Authority				Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3201 STECK AVENUE (KVUE), TRAVIS, AUSTIN, TX
30 ° 31 ' 57.70 " N LAT. 97 ° 44 ' 16.00 " W LONG.

ANTENNA ID:	4.5M.	4.5 meters	ANDREW CORPORATION	ESA45-46A
	3700.0000 - 4200.0000 MHz		36M0G7F	COMPRESSED DIGITAL VIDEO
	3700.0000 - 4200.0000 MHz		36M0F3F	STANDARD ANALOG VIDEO

ANTENNA ID:	7.3M.	7.3 meters	COMMSCOPE	ES73-1
	3700.0000 - 4200.0000 MHz		36M0G7W	COMPRESSED DIGITAL VIDEO
SITE ID:	2			
LOCATION:	3100 TRIAL OF MADRONES ROAD (KVUE-TRANS), TRAVIS, AUSTIN, TX			
	30 ° 19 ' 19.90 " N LAT.		97 ° 48 ' 12.30 " W LONG.	
ANTENNA ID:	KVUE TRAN	3.7 meters	PRODELIN	1375
	3700.0000 - 4200.0000 MHz		36M0G7W	COMPRESSED DIGITAL VIDEO
Points of Communication:				
1 - PERMITTED LIST - ()				
2 - PERMITTED LIST - ()				
SES-MOD-20181016-03587	E	E6698	Spectrum Mid-America, LLC	
Application for Modification				01/13/2019 - 01/13/2034
Grant of Authority				Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations			
Nature of Service:	Fixed Satellite Service			
SITE ID:	1			
LOCATION:	14525 FARMINGTON RD., WAYNE, LIVONIA, MI			
	42 ° 23 ' 26.00 " N LAT.		83 ° 22 ' 27.90 " W LONG.	
ANTENNA ID:	1	5 meters	SIMULSAT	5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	5 meters	ATCI	SIMULSAT 5
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	3	3 meters	RCA	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
Points of Communication:				
1 - PERMITTED LIST - ()				
SES-MOD-20181016-06224	E	E920601	Spectrum Pacific West, LLC	
Application for Modification				08/31/2017 - 08/31/2032
Grant of Authority				Date Effective: 07/27/2020
Class of Station:	Fixed Earth Stations			
Nature of Service:	Fixed Satellite Service			

SITE ID: 1
LOCATION: 704 MONTEREY PASS ROAD, LOS ANGELES, MONTEREY PARK, CA
34 ° 3 ' 10.80 " N LAT. 118 ° 9 ' 12.60 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC-ATLANTA	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	2	4 meters	UNKNOWN	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06226	E E4381	Spectrum Southeast, LLC		
Application for Modification			06/11/2017 - 06/11/2032	
Grant of Authority			Date Effective:	07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: OVERLOOK RD, BUTLER, GREENVILLE, AL
31 ° 50 ' 15.10 " N LAT. 86 ° 37 ' 25.10 " W LONG.

ANTENNA ID:	1	4.5 meters	SA	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	2.8 meters	SA	2.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06229	E E050001	Spectrum Southeast, LLC		
Application for Modification			12/30/2004 - 12/30/2019	
Grant of Authority			Date Effective:	07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1210 BUDFORD HWY, GWINNETT, SUGAR HILL, GA
34 ° 5 ' 21.70 " N LAT. 84 ° 1 ' 19.40 " W LONG.

ANTENNA ID:	1	5 meters	SIMULSAT	5 METER
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3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 2	3.6 meters SA	3.6 METER
ANTENNA ID: 3	2.9 meters SA	2.8 STEERABLE

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06230	E E3278	Spectrum Pacific West, LLC	07/16/2017 - 07/16/2032
Application for Modification			Date Effective: 07/27/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 117 PAR PL, MONTROSE, MONTROSE, CO
38 ° 29 ' 10.00 " N LAT. 107 ° 51 ' 28.00 " W LONG.

ANTENNA ID: 1	3.8 meters	PATRIOT	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06244	E WX52	Spectrum Southeast, LLC	12/10/2009 - 12/10/2024
Application for Modification			Date Effective: 07/27/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1060 FT BROWDER, BARBOUR, EUFAULA, AL
31 ° 54 ' 48.10 " N LAT. 85 ° 10 ' 36.80 " W LONG.

ANTENNA ID: 1	5 meters	SA	5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
ANTENNA ID: 2	4.5 meters	SA	4.5 METER
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	

ANTENNA ID:	3	3.8 meters	SA	3.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	4	7 meters	SA	7 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06245	E	E5404	Spectrum Pacific West, LLC	03/25/2018 - 03/25/2033
Application for Modification				Date Effective: 07/27/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 8949 WARE CT, SAN DIEGO, SAN DIEGO, CA
32 ° 53 ' 14.20 " N LAT. 117 ° 10 ' 3.60 " W LONG.

ANTENNA ID:	1	4.5 meters	UNKNOWN	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	2	5 meters	SCIENTIFIC ATLANTIC	8008
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	3	5 meters	RSI	500CS
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	4	5 meters	SBINF35	ATCI
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	5	3 meters	PRT-310	PATRIOT
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06248	E	KJ34	Spectrum Pacific West, LLC	09/05/2011 - 09/05/2026
Application for Modification				Date Effective: 07/27/2020
Grant of Authority				

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 23040 HWY 85, WESTON, NEWCASTLE, WY
43 ° 51 ' 50.70 " N LAT.

104 ° 11 ' 34.20 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREWS	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	2	3.8 meters	EAGLE	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	3	3.5 meters	COMTECH	UNKNOWNUNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06249 E E6900 Spectrum Southeast, LLC

Application for Modification

03/09/2004 - 03/09/2019

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: OUIDA ST, COFFEE, ENTERPRISE, AL
31 ° 18 ' 22.00 " N LAT.

85 ° 50 ' 14.00 " W LONG.

ANTENNA ID:	1	5 meters	SA	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	3.8 meters	SA	3.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	3	2.8 meters	SA	2.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	4	4.5 meters	SA	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	5	7 meters	SA	7 METER

3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-MOD-20181016-06256	E KH27	Spectrum Pacific West, LLC
Application for Modification		04/04/2011 - 04/04/2026
Grant of Authority		Date Effective: 07/27/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	146 E 15TH ST, LA PLATA, DURANGO, CO	
	37 ° 16 ' 46.10 " N LAT.	107 ° 52 ' 40.00 " W LONG.
ANTENNA ID: 1	5.5 meters	SCIENTIFIC ATLANTA
		UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 2	3.8 meters	PATRIOT
		UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 3	3.8 meters	PRODELIN
		UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 4	3.2 meters	SCIENTIFIC ATLANTA
		UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID: 5	3.7 meters	EAGLE
		UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-MOD-20181016-06262	E E080004	Spectrum Mid-America, LLC
Application for Modification		01/04/2008 - 01/04/2023
Grant of Authority		Date Effective: 07/23/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	9334 Dielman Industrial Drive, St. Louis, Olivette, MO	
	38 ° 40 ' 41.40 " N LAT.	90 ° 22 ' 29.20 " W LONG.

ANTENNA ID:	A1	4.5 meters	SCIENTIFIC-ATLANTIC, INC.	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital Video
	3700.0000 - 4200.0000 MHz		36M0F8F	Analog Video
ANTENNA ID:	1	4.5 meters	SA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	4.5 meters	COMTEC	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06265	E	E5482	Spectrum Mid-America, LLC	04/15/2018 - 04/15/2033
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5151 VERONA ROAD, DANE, MADISON, WI
43 ° 1 ' 27.20 " N LAT. 89 ° 27 ' 55.50 " W LONG.

ANTENNA ID:	1	5 meters	ATCI	SIMULSAT 5
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	2	4.5 meters	PATRIOT	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06267	E	WM71	Spectrum Pacific West, LLC	02/24/2004 - 02/24/2019
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 175 ROSEDALE, GADSDEN, CHATTAHOOCHEE, FL
30 ° 39 ' 32.90 " N LAT. 84 ° 49 ' 21.20 " W LONG.

ANTENNA ID:	1	5 meters	SA	5 METER
3700.0000 - 4200.0000 MHz		36M0G7W		VIDEO, AUDIO, DATA

ANTENNA ID:	2	4.5 meters	SA	4.5 METER
3700.0000 - 4200.0000 MHz		36M0G7W		VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06268	E WK73	Spectrum Southeast, LLC	10/16/2011 - 10/16/2026
Application for Modification			Date Effective: 07/27/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1670 HENDERSONVILLE RD, BUNCOMBE, ASHEVILLE, NC
35 ° 30 ' 42.15 " N LAT. 82 ° 31 ' 26.00 " W LONG.

ANTENNA ID:	1	4.5 meters	SA	4.5 METER
3700.0000 - 4200.0000 MHz		36M0G7W		Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06273	E E180675	Spectrum Southeast, LLC	06/05/2018 - 06/05/2033
Application for Modification			Date Effective: 07/27/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1105 W Market St, Hardeman, Bolivar, TN
35 ° 15 ' 25.10 " N LAT. 89 ° 0 ' 14.30 " W LONG.

ANTENNA ID:	1	4.5 meters	SA	4.5 METER
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06277	E	E880890	Spectrum Pacific West, LLC	03/17/2009 - 03/17/2024
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1.24 MI E OF ELMER CITY, ON RES, OKANOGAN, ELMER CITY, WA
47 ° 59 ' 53.60 " N LAT. 118 ° 55 ' 54.60 " W LONG.

ANTENNA ID:	1	3.1 meters	SA	UNKNOWN
3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06303	E	E180978	Spectrum Gulf Coast, LLC	06/25/2018 - 06/25/2033
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 600 Lagarto Rd, Live Oak, George West, TX
28 ° 19 ' 28.60 " N LAT. 98 ° 7 ' 37.60 " W LONG.

ANTENNA ID:	1	3.7 meters	SUPERIOR SATELLITE ENGINEER	MBF
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data	
ANTENNA ID:	2	3.8 meters	COMTECH	UNKNOWN
3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06308	E	E181159	Spectrum NLP, LLC	06/25/2018 - 06/25/2033
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Austin Colorado St
LOCATION: 1708 Colorado St (202 W 17th St), Travis, Austin, TX
30 ° 16 ' 45.90 " N LAT. 97 ° 44 ' 25.40 " W LONG.

ANTENNA ID: 1 3.5 meters UNKNOWN UNKNOWN

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

Points of Communication:

Austin Colorado St - PERMITTED LIST - ()

SES-MOD-20181016-06345 E E940432 Spectrum Pacific West, LLC
Application for Modification 07/07/2004 - 07/07/2019
Grant of Authority Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 639 NORTH KELLOGG, BENTON, KENNEWICK, WA
46 ° 13 ' 4.70 " N LAT. 119 ° 12 ' 14.00 " W LONG.

ANTENNA ID: 1 7 meters ATCI SIMULSAT

3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

ANTENNA ID: 2 3.5 meters SA UNKNOWN

3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06350 E E910243 Spectrum Pacific West, LLC
Application for Modification 04/12/2011 - 04/12/2026
Grant of Authority Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: MODOC, ALTURAS, CA
41 ° 31 ' 16.10 " N LAT. 120 ° 32 ' 26.00 " W LONG.

ANTENNA ID: 1 4.5 meters SA MULTIBEAM

3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06362 E E990507 Spectrum Northeast, LLC

Application for Modification

11/08/2009 - 11/08/2024

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 125 RIDGE ROAD, LITCHFIELD, NEW MILFORD, CT
41 ° 35 ' 41.00 " N LAT.

73 ° 22 ' 27.20 " W LONG.

ANTENNA ID: 1	3.7 meters	PATRIOT	PRT-370
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
ANTENNA ID: 2	3 meters	COMSAT	RS
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
ANTENNA ID: 3	4.5 meters	SCIENTIFIC ATLANTA	8345
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
ANTENNA ID: 4	7 meters	SCIENTIFIC ATLANTASCIENTIFIC ATLANTA	8010A
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06366 E E910264 Spectrum Pacific West, LLC

Application for Modification

04/12/2011 - 04/12/2026

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3999 HWY 36, BIG HORN, BASIN, WY
44 ° 24 ' 53.50 " N LAT.

108 ° 32 ' 2.30 " W LONG.

ANTENNA ID: 1	3.8 meters	PATRIOT	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W	VIDEO, AUDIO, DATA	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06372 E E000249 Spectrum Northeast, LLC

Application for Modification

05/18/2010 - 05/18/2025

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: FAIR LAKES ROAD, Onondaga, East Syracuse, NY

43 ° 5 ' 37.20 " N LAT.

76 ° 4 ' 6.80 " W LONG.

ANTENNA ID: 1 4.5 meters SCIENTIFIC ATLANTA 8345

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID: 2 3.8 meters PATRIOT PRT-380

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06376 E E880707 Spectrum Pacific West, LLC

Application for Modification

11/10/2008 - 11/10/2023

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 240 Highway 97 South, ESCAMBIA, CANTONMENT, FL

30 ° 36 ' 15.50 " N LAT.

87 ° 21 ' 22.50 " W LONG.

ANTENNA ID: 1 4.5 meters SA 4.5 METER

3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

ANTENNA ID: 2 5 meters SIMULSAT 5 METER

3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

ANTENNA ID: 3 6 meters SA 6 METER

3700.0000 - 4200.0000 MHz 36M0G7W VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06388	E	E880917	Spectrum Pacific West, LLC	03/10/2009 - 03/10/2024
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1755 Geiger Grade Rd., WASHOE, RENO, NV
39 ° 23 ' 26.50 " N LAT. 119 ° 43 ' 5.90 " W LONG.

ANTENNA ID:	1	5 meters	ATCI	SIMULSAT
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	2	4.5 meters	SA	MULTIBEAM
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06389	E	E874223	Spectrum Pacific West, LLC	11/18/2008 - 11/18/2023
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5915 BOWCROFT STREET, LOS ANGELES, LOS ANGELES, CA
34 ° 1 ' 9.70 " N LAT. 118 ° 22 ' 36.00 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06402	E	WK28	Spectrum Pacific West, LLC	04/29/2018 - 04/29/2033
Application for Modification				Date Effective:
Grant of Authority				07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 18946 STATE ROAD 71, CALHOUN, BLOUNTSTOWN, FL
30 ° 27 ' 29.70 " N LAT. 85 ° 4 ' 4.70 " W LONG.

ANTENNA ID:	1	5 meters	SA	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	2	4.5 meters	SA	4.5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA
ANTENNA ID:	3	3.2 meters	SA	3.2 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	VIDEO, AUDIO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06404	E	E8309	Spectrum NLP, LLC	
Application for Modification				12/02/2008 - 12/02/2023
Grant of Authority				Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: MT. HOPE AVE., MONROE, ROCHESTER, NY
43 ° 8 ' 52.90 " N LAT. 77 ° 36 ' 31.20 " W LONG.

ANTENNA ID:	1	4.8 meters	ATCI	SIMULSAT 5
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	3.8 meters	COMTECH	934D0015-G2
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	3	3 meters	SAM I	UNKNOWN
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	4	1.2 meters	PRODELIN	1132
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	5	3 meters	PRODELIN	1304
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	6	3 meters	PATRIOT	PRT-310

3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
ANTENNA ID: 7	3 meters	COMTECH	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-MOD-20181016-06408	E E880792	Spectrum NLP, LLC	
Application for Modification			02/03/2009 - 02/03/2024
Grant of Authority			Date Effective: 07/27/2020
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	3767 All American Blvd., ORANGE, ORLANDO, FL		
	28 ° 36 ' 36.10 " N LAT.	81 ° 25 ' 33.10 " W LONG.	
ANTENNA ID: 1	4.5 meters	PATRIOT	PRT-450
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
Points of Communication:			
1 - PERMITTED LIST - ()			
SES-MOD-20181016-06416	E E881093	Spectrum Pacific West, LLC	
Application for Modification			09/16/2008 - 09/16/2023
Grant of Authority			Date Effective: 07/27/2020
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	1		
LOCATION:	1800 WGOHAMMER LANE, CAMPBELL, GILLETTE, WY		
	44 ° 16 ' 40.30 " N LAT.	105 ° 30 ' 29.00 " W LONG.	
ANTENNA ID: 1	3.8 meters	PRODELIN	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
ANTENNA ID: 2	3.5 meters	COMTECH	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	
ANTENNA ID: 3	4.5 meters	ANDREWS	UNKNOWN
3700.0000 - 4200.0000 MHz	36M0G7W	Video, Audio, Data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06531 E E181129 Spectrum NLP, LLC

Application for Modification

06/25/2018 - 06/25/2033

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 104 Watervliet Ave Ext, Albany, Albany, NY

42 ° 40 ' 46.80 " N LAT.

73 ° 46 ' 53.20 " W LONG.

ANTENNA ID: 1 4.5 meters EASI

UNKNOWN

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video, Audio, Data

ANTENNA ID: 2 3 meters EASI

UNKNOWN

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06532 E E180774 Spectrum NLP, LLC

Application for Modification

06/08/2018 - 06/08/2033

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7000 114th Ave N, Pinellas, Largo, FL

82 ° 44 ' 6.10 " W LONG.

ANTENNA ID: 1 4.5 meters PATRIOT

PRT-450

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06533 E E990509 Spectrum Northeast, LLC

Application for Modification

11/08/2009 - 11/08/2024

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 199 SOUTHBRIDGE RD, WORCESTER, OXFORD, MA

42 ° 10 ' 25.40 " N LAT.

71 ° 52 ' 59.70 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC ATLANTA	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
	370.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	6.1 meters	VERTEX	5241
ANTENNA ID:	3	3 meters	CHANNEL MASTER	6680
ANTENNA ID:	4	3.8 meters	PATRIOT	NA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181016-06538 E E110037 Spectrum Gulf Coast, LLC

Application for Modification

03/21/2011 - 03/21/2026

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 37356 Ben Thomas Road, St. Tammany, Slidell, LA

30 ° 18 ' 8.80 " N LAT.

89 ° 46 ' 36.30 " W LONG.

ANTENNA ID:	1	5 meters	SIMULSAT	5 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	2	3.2 meters	SA	3.2 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data
ANTENNA ID:	3	2.8 meters	SA	2.8 METER
	3700.0000 - 4200.0000 MHz		36M0G7W	Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181017-03583 E E180159 WSMH Licensee, LLC
Application for Modification 05/04/2018 - 05/04/2033
Grant of Authority Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3463 W Pierson Rd, Genesee, Flinnt, MI
43 ° 3 ' 35.80 " N LAT. 83 ° 45 ' 2.50 " W LONG.

ANTENNA ID: 1 4.5 meters Scientific Atlanta 4.5M
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181017-03608 E E070171 Gray Television Licensee, LLC
Application for Modification 08/07/2007 - 08/07/2022
Grant of Authority Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 472 COUNTY ROAD 766, CRAIGHEAD, JONESBORO, AR
35 ° 54 ' 25.70 " N LAT. 90 ° 41 ' 36.60 " W LONG.

ANTENNA ID: 7.3M. 7.3 meters ANDREW CORP. ESA73-46
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: ABC-2 4.5 meters ANDREW ESA45-4
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: MC-4 4.5 meters SUPERIOR SATELLITE ENGINEERS SSE8345
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: NBC-1 & 2 4.5 meters SUPERIOR SATELLITE ENGINEERS SSE8345
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: MC-3 3.8 meters COMTECH 3.8M.AZ/EL

3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
ANTENNA ID: PBLUE	3.8 meters	PATRIOT
		PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
ANTENNA ID: CW	3.8 meters	PATRIOT
		PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
ANTENNA ID: AP	3.4 meters	PRODELIN
		1344
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER
ANTENNA ID: FD-6	3.1 meters	PATRIOT
		PRT-310
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181030-03741 E E960385 GCI Communication Corp.

Application for Modification

10/25/2006 - 10/25/2021

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KING SALMON

LOCATION: GCI NETWORK OPERATIONS CENTER, KING SALMON, AK

58 ° 40 ' 26.40 " N LAT.

156 ° 39 ' 25.70 " W LONG.

ANTENNA ID: 1	9.15 meters	SCIENTIFIC-ATLANTA	8009A
5925.0000 - 6425.0000 MHz	108MG7W	79.82 dBW	PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES
5925.0000 - 6425.0000 MHz	108MG7W	79.82 dBW	PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	45K0G7W-		PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	45K0G7W		PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES
5925.0000 - 6425.0000 MHz	45K0G7W-	61.61 dBW	PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES

5925.0000 - 6425.0000 MHz	45K0G7W-	61.61 dBW	PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	108MG7W		PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	108MG7W		PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES
ANTENNA ID: 2	3.6 meters	SCIENTIFIC-ATLANTA	8136
5925.0000 - 6425.0000 MHz	45K0G7W-	53.71 dBW	PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES
5925.0000 - 6425.0000 MHz	108MG7W	71.92 dBW	PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES
5925.0000 - 6425.0000 MHz	45K0G7W-	53.71 dBW	PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES
5925.0000 - 6425.0000 MHz	108MG7W	71.92 dBW	PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	45K0G7W-		PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	108MG7W		PHASE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	45K0G7W-		PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES
3700.0000 - 4200.0000 MHz	108MG7W		PHASE AND AMPLITUDE MODULATED VOICE, VIDEO, AND DATA SERVICES

Points of Communication:

KING SALMON - PERMITTED LIST - ()

SES-MOD-20181030-03760	E E960384	GCI Communication Corp.	08/16/2006 - 08/16/2021
Application for Modification			Date Effective: 07/23/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: DILLINGHAM, AK
59 ° 2 ' 21.95 " N LAT.

158 ° 27 ' 26.77 " W LONG.

ANTENNA ID:	1	9.15 meters	SCIENTIFIC-ATLANTA, INC.	8009A
	5925.0000 - 6425.0000 MHz	45K0G7W-	61.61 dBW	PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz	108MG7W	79.82 dBW	PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz	45K0G7W-	61.61 dBW	PHASE AND AMPLITUDE MODULATED VOICE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz	108MG7W	79.82 dBW	PHASE AND AMPLITUDE MODULATED VOICE, VIDEO AND DATA SERVICES
	3700.0000 - 4200.0000 MHz	45K0D7W-		PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
	3700.0000 - 4200.0000 MHz	108MD7W		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	108MD7W		PHASE AND AMPLITUDE MODULATED VOICE, VIDEO AND DATA SERVICES
ANTENNA ID:	2	3.8 meters	SCIENTIFIC-ATLANTA, INC.	380-AZ
	5925.0000 - 6425.0000 MHz	6K72D7W	45.16 dBW	AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz	36M0D7W	69.12 dBW	AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz	6K72G7W	45.16 dBW	PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
	5925.0000 - 6425.0000 MHz	36M0G7W	69.12 dBW	PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
	3700.0000 - 4200.0000 MHz	6K72D7W		AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
	3700.0000 - 4200.0000 MHz	36M0D7W		AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
	3700.0000 - 4200.0000 MHz	6K72G7W		PHASE MODULATED VOICE, VIDEO AND DATA SERVICES

3700.0000 - 4200.0000 MHz	36M0G7W		PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
ANTENNA ID: 3	3.8 meters	PATRIOT	380-AZ
5925.0000 - 6425.0000 MHz	6K72D7W	45.65 dBW	AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
5925.0000 - 6425.0000 MHz	36M0D7W	69.11 dBW	AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
5925.0000 - 6425.0000 MHz	6K72G7W	45.65 dBW	PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
5925.0000 - 6425.0000 MHz	36M0G7W	69.11 dBW	PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
3700.0000 - 4200.0000 MHz	6K72D7W		AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
3700.0000 - 4200.0000 MHz	36M0D7W		AMPLITUDE AND ANGLE MODULATED VOICE, VIDEO AND DATA SERVICES
3700.0000 - 4200.0000 MHz	6K72G7D		PHASE MODULATED VOICE, VIDEO AND DATA SERVICES
3700.0000 - 4200.0000 MHz	36M0G7D		PHASE MODULATED VOICE, VIDEO AND DATA SERVICES

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20200616-00638	E E040445	AMC Networks Broadcasting & Technology	01/18/2020 - 01/18/2035
Application for Modification			Date Effective: 07/27/2020
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 620 HICKSVILLE ROAD, NASSAU, BETHPAGE, NY
40 ° 44 ' 39.10 " N LAT. 73 ° 29 ' 37.90 " W LONG.

ANTENNA ID: 1VTEXC	9.3 meters	VERTEX CORPORATION	9.3 METER
6088.0000 - 6425.0000 MHz	36M0F8F	78.00 dBW	ANALOG VIDEO CARRIER
6088.0000 - 6425.0000 MHz	36M0G7F	80.80 dBW	DIGITAL VIDEO CARRIER
5925.0000 - 6038.0000 MHz	36M0F8F	78.00 dBW	ANALOG VIDEO CARRIER

	5925.0000 - 6038.0000 MHz	36M0G7F	80.80 dBW	DIGITAL VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO CARRIER
ANTENNA ID:	2VCKPC	9.3 meters	VERTEX CORPORATION	9.3 KPC
	14000.0000 - 14500.0000 MHz	36M0F3F	85.07 dBW	ANALOG VIDEO CARRIER
	14000.0000 - 14500.0000 MHz	36M0G7F	75.00 dBW	DIGITAL COMPRESSED VIDEO CARRIER
	14000.0000 - 14500.0000 MHz	36M0F3F	85.10 dBW	ANALOG VIDEO
	14000.0000 - 14500.0000 MHz	36M0F3F	83.60 dBW	ANALOG VIDEO
	11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7F		DIGITAL COMPRESSED VIDEO CARRIER
	11450.0000 - 12200.0000 MHz	36M0F3F		ANALOG VIDEO
	11450.0000 - 12200.0000 MHz	36M0G7F		DIGITAL COMPRESSED VIDEO CARRIER
	10950.0000 - 11200.0000 MHz	36M0F3F		ANALOG VIDEO
	10950.0000 - 11200.0000 MHz	36M0G7F		DIGITAL VIDEO
ANTENNA ID:	3-1GD	9.3 meters	GENERAL DYMANICS	KPC-9.3
	6088.0000 - 6245.0000 MHz	36M0G3F	80.80 dBW	DIGITAL VIDEO CARRIER
	6088.0000 - 6245.0000 MHz	36M0F7F	78.00 dBW	ANALOG VIDEO CARRIER
	5925.0000 - 6038.0000 MHz	36M0G7F	80.80 dBW	DIGITAL VIDEO CARRIER
	5925.0000 - 6038.0000 MHz	36M0F7F	78.00 dBW	ANALOG VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0F7F		ANALOG VIDEO CARRIER
ANTENNA ID:	4-2GD	9.3 meters	GENERAL DYMANICS	KPC-9.3
	14000.0000 - 14500.0000 MHz	36M0G3F	51.70 dBW	DIGITAL VIDEO CARRIER
	14000.0000 - 14500.0000 MHz	36M0F3F	51.70 dBW	ANALOG VIDEO CARRIER
	3700.0000 - 4200.0000 MHz	36M0G3F		DIGITAL VIDEO CARRIER

1140.0000 - 1220.0000 MHz	36M0F3F	ANALOG VIDEO CARRIER
ANTENNA ID: 5-3ASC	4.9 meters	ASC
3720.0000 - 4200.0000 MHz	36M0F3F	ANALOG VIDEO CARRIER
3700.0000 - 4200.0000 MHz	36M0G3F	DIGITAL VIDEO CARRIER
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-REG-20180504-00496	E E180177	Seven Ranges Radio Co. Inc.
Registration		05/04/2018 - 05/04/2033
Grant of Authority		Date Effective: 07/24/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	WRRR	
LOCATION:	2354 Greens Run Road, Pleasantsd, St. Marys, WV	
	39 ° 22 ' 49.30 " N LAT.	81 ° 11 ' 36.65 " W LONG.
ANTENNA ID: 1307 GDS	3 meters	General Dynamics
		3 meter
3700.0000 - 4200.0000 MHz		
Points of Communication:		
WRRR - PERMITTED LIST - ()		
SES-REG-20180620-01768	E E181070	Bethany Church
Registration		06/20/2018 - 06/20/2033
Grant of Authority		Date Effective: 07/24/2020
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	WLFT Studio	
LOCATION:	13567 Plank Rd, East Baton Rouge, Baker, LA	
	30 ° 34 ' 11.49 " N LAT.	91 ° 7 ' 52.16 " W LONG.
ANTENNA ID: n/a	3.8 meters	Comtech
		3.8m fiberglass
3700.0000 - 4200.0000 MHz	n/a	0.00 dBW
		digital audio and video reception
Points of Communication:		
WLFT Studio - SES-2 (S2826) - (87 W.L.)		

Registration

07/17/2018 - 07/17/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 73-4876 Kanalani St, Hawaii, Kailua-Kona, HI

19 ° 41 ' 3.70 " N LAT.

156 ° 1 ' 11.00 " W LONG.

ANTENNA ID:	1	5 meters	Antenna Technology Corp.	Simulsat 5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	2	5 meters	Scientific-Atlanta	8008B
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	3	4.6 meters	Andrew	ESA46
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	4	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	5	4.5 meters	Andrew	ESA45
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	6	4.5 meters	DH Satellite	4.5M
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	7	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	8	3.8 meters	Comtech	934D0015-G5
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	9	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	10	1.8 meters	Patriot	TX-INT180KU
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, Data
ANTENNA ID:	11	7 meters	ATCI	SIMULSAT 7

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180913-04342	E	E190666	Ranchland Broadcasting Company, Inc.	09/13/2018 - 09/13/2033
Registration				Date Effective: 07/24/2020
Grant of Authority				

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: KBRX Studio
LOCATION: 251 North Jefferson, Holt, Oneill, NE
42 ° 27 ' 34.40 " N LAT. 98 ° 39 ' 23.00 " W LONG.

ANTENNA ID:	1	3.8 meters	Comtech	3.8 Meter
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Data/Digital Audio

Points of Communication:

KBRX Studio - PERMITTED LIST - ()

SES-REG-20180914-04369	E	E190698	Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day	09/14/2018 - 09/14/2033
Registration				Date Effective: 07/23/2020
Grant of Authority				

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: SEMINOLE
LOCATION: 2500 John Street, SEMINOLE, OK
35 ° 14 ' 44.19 " N LAT. 96 ° 41 ' 6.81 " W LONG.

ANTENNA ID:	1	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL

SITE ID: ADA
LOCATION: 2100 Arlington Street, ADA, OK
34 ° 46 ' 55.21 " N LAT. 96 ° 38 ' 52.40 " W LONG.

ANTENNA ID:	2	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL

SITE ID: CLEVELAND
LOCATION: 365595 East Highway 64, CLEVELAND, OK
36 ° 18 ' 20.94 " N LAT. 96 ° 29 ' 10.26 " W LONG.

ANTENNA ID:	3	3.4 meters	General Dynamics	Satcom 1344
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3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: DURANT		
LOCATION: 515 Sunnymeadow Drive, DURANT, OK		
33 ° 59 ' 32.41 " N LAT.	96 ° 25 ' 1.11 " W LONG.	
ANTENNA ID: 4	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: PAWHUSKA		
LOCATION: 1800 East 15th Street, PAWHUSKA, OK		
36 ° 40 ' 19.65 " N LAT.	96 ° 18 ' 59.54 " W LONG.	
ANTENNA ID: 5	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: CUSHING		
LOCATION: 1500 East 9th Street, CUSHING, OK		
35 ° 58 ' 14.37 " N LAT.	96 ° 44 ' 49.85 " W LONG.	
ANTENNA ID: 6	3.4 meters	General Dynamics Satcom 1334
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: HENRYETTA		
LOCATION: 1510 North 5th Street, HENRYETTA, OK		
35 ° 27 ' 20.59 " N LAT.	95 ° 59 ' 12.25 " W LONG.	
ANTENNA ID: 7	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: BARTLESVILLE 1, 2, 3		
LOCATION: 1501 Swan Drive, BARTLESVILLE, OK		
36 ° 43 ' 55.51 " N LAT.	95 ° 55 ' 51.82 " W LONG.	
ANTENNA ID: 8	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: BROOKHOLLOW, MINGO V		
LOCATION: 12110 East 7th Street, TULSA, OK		
36 ° 9 ' 5.02 " N LAT.	95 ° 50 ' 30.19 " W LONG.	
ANTENNA ID: 9	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL

SITE ID: CEDAR RIDGE, FAIR OA
 LOCATION: 1701 North Hickory Avenue, BROKEN ARROW, OK
 36 ° 4 ' 12.45 " N LAT. 95 ° 48 ' 10.33 " W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MCALESTER
 LOCATION: 405 West Electric Avenue, MCALESTER, OK
 34 ° 56 ' 52.43 " N LAT. 94 ° 46 ' 26.73 " W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: JENKS, SAPULPA
 LOCATION: 950 Pioneer Road, SAPULPA, OK
 35 ° 59 ' 20.67 " N LAT. 96 ° 3 ' 31.57 " W LONG.

ANTENNA ID: 12 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MUSKOGEE
 LOCATION: 3008 East Hancock Street, MUSKOGEE, OK
 35 ° 43 ' 34.91 " N LAT. 95 ° 19 ' 48.67 " W LONG.

ANTENNA ID: 13 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PRYOR
 LOCATION: 1212 Northeast 3rd Street, PRYOR, OK
 36 ° 18 ' 38.64 " N LAT. 95 ° 18 ' 16.55 " W LONG.

ANTENNA ID: 14 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GORE
 LOCATION: 1009 N Way 10, GORE, OK
 35 ° 32 ' 29.19 " N LAT. 95 ° 7 ' 19.30 " W LONG.

ANTENNA ID: 15 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: TALIHINA
 LOCATION: 1002 East Church Street, TALIHINA, OK
 34 ° 45 ' 8.21 " N LAT. 95 ° 2 ' 8.67 " W LONG.

ANTENNA ID:	16	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	TAHLEQUAH			
LOCATION:	110 Southridge Road, TAHLEQUAH, OK			
	35 ° 52 ' 38.88 " N LAT.		94 ° 58 ' 38.59 " W LONG.	
ANTENNA ID:	17	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CLAREMORE, VERDIGRIS			
LOCATION:	1701 North Chambers Terrace, CLAREMORE, OK			
	36 ° 19 ' 34.55 " N LAT.		95 ° 37 ' 20.79 " W LONG.	
ANTENNA ID:	18	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SALLISAW			
LOCATION:	805 South Cedar Street, SALLISAW, OK			
	35 ° 27 ' 4.33 " N LAT.		94 ° 47 ' 48.94 " W LONG.	
ANTENNA ID:	19	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	IDABEL			
LOCATION:	2424 East Lincoln Road, IDABEL, OK			
	33 ° 52 ' 49.35 " N LAT.		94 ° 47 ' 32.81 " W LONG.	
ANTENNA ID:	20	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	GROVE			
LOCATION:	1104 Lee Street, GROVE, OK			
	36 ° 36 ' 24.00 " N LAT.		94 ° 47 ' 20.91 " W LONG.	
ANTENNA ID:	21	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	POTEAU			
LOCATION:	625 Coggins Road, POTEAU, OK			
	35 ° 6 ' 5.72 " N LAT.		94 ° 38 ' 10.29 " W LONG.	
ANTENNA ID:	22	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: BANDON
 LOCATION: 950 Delaware Avenue Southeast, BANDON, OR
 43 ° 6 ' 52.07 " N LAT. 124 ° 24 ' 40.16 " W LONG.

ANTENNA ID: 23 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MIAMI
 LOCATION: 2121 North Elm Street, MIAMI, OK
 36 ° 53 ' 57.26 " N LAT. 94 ° 51 ' 37.30 " W LONG.

ANTENNA ID: 24 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COQUILLE
 LOCATION: 2405 Shelley Road, COQUILLE, OR
 43 ° 10 ' 30.20 " N LAT. 124 ° 9 ' 51.59 " W LONG.

ANTENNA ID: 25 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: REEDSPORT
 LOCATION: 2511 Longwood Drive, REEDSPORT, OR
 43 ° 41 ' 33.76 " N LAT. 124 ° 7 ' 38.17 " W LONG.

ANTENNA ID: 26 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: FLORENCE
 LOCATION: 2705 Munsel Lake Road, FLORENCE, OR
 43 ° 59 ' 21.51 " N LAT. 124 ° 4 ' 56.97 " W LONG.

ANTENNA ID: 27 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WALDPORT
 LOCATION: 1006 Range Drive, WALDPORT, OR
 44 ° 24 ' 58.59 " N LAT. 124 ° 4 ' 40.94 " W LONG.

ANTENNA ID: 28 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: NEWPORT
 LOCATION: 2229 Northeast Crestview Drive, NEWPORT, OR
 44 ° 39 ' 15.37 " N LAT. 124 ° 3 ' 2.04 " W LONG.

ANTENNA ID:	29	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	COOS BAY, NORTH BEND			
LOCATION:	3355 Virginia Avenue, NORTH BEND, OR			
	43 ° 24 ' 24.62 " N LAT.			124 ° 15 ' 16.41 " W LONG.
ANTENNA ID:	30	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SEASIDE			
LOCATION:	1403 S Wahanna Rd, SEASIDE, OR			
	45 ° 59 ' 6.47 " N LAT.			123 ° 54 ' 53.37 " W LONG.
ANTENNA ID:	31	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ASTORIA, WARRENTON			
LOCATION:	3rd Niagara Avenue, ASTORIA, OR			
	46 ° 10 ' 53.65 " N LAT.			123 ° 50 ' 22.32 " W LONG.
ANTENNA ID:	32	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CAVE JUNCTION			
LOCATION:	207 South Junction Avenue, CAVE JUNCTION, OR			
	42 ° 9 ' 55.65 " N LAT.			123 ° 38 ' 36.42 " W LONG.
ANTENNA ID:	33	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	WILLAMINA			
LOCATION:	900 Northwest Willamina Drive, WILLAMINA, OR			
	45 ° 4 ' 56.38 " N LAT.			123 ° 29 ' 32.95 " W LONG.
ANTENNA ID:	34	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	WINSTON			
LOCATION:	340 Northwest Glenhart Avenue, WINSTON, OR			
	43 ° 7 ' 34.80 " N LAT.			123 ° 25 ' 0.80 " W LONG.
ANTENNA ID:	35	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: LINCOLN CITY
 LOCATION: 3565 Northeast West Devils Lake Road, LINCOLN CITY, OR
 44 ° 59 ' 32.96 " N LAT. 123 ° 59 ' 54.10 " W LONG.

ANTENNA ID: 36 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MERLIN
 LOCATION: 339 Jumpoff Joe Creek Road, MERLIN, OR
 42 ° 34 ' 12.28 " N LAT. 123 ° 22 ' 11.89 " W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MURPHY CREEK, REDWOO
 LOCATION: 1969 Williams Highway, GRANTS PASS, OR
 42 ° 24 ' 56.56 " N LAT. 123 ° 20 ' 24.62 " W LONG.

ANTENNA ID: 38 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COOPER HOLLOW, OAKDA
 LOCATION: 1401 SW 13th Street, DALLAS, OR
 44 ° 54 ' 55.78 " N LAT. 123 ° 20 ' 1.55 " W LONG.

ANTENNA ID: 39 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: VENETA
 LOCATION: 88068 Huston Road, VENETA, OR
 44 ° 2 ' 52.60 " N LAT. 123 ° 19 ' 51.03 " W LONG.

ANTENNA ID: 40 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: CORVALLIS 1, 2 &
 LOCATION: 4141 Northwest Harrison Boulevard, CORVALLIS, OR
 44 ° 34 ' 19.57 " N LAT. 123 ° 17 ' 52.76 " W LONG.

ANTENNA ID: 41 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: GARDEN VALLEY, HARVA
 LOCATION: 2001 West Bertha Avenue, ROSEBURG, OR
 43 ° 12 ' 40.26 " N LAT. 123 ° 22 ' 30.21 " W LONG.

ANTENNA ID:	42	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	SOUTH UMPQUA			
LOCATION:	871 Northeast Lillian Street, MYRTLE CREEK, OR			
	43 ° 2 ' 6.09 " N LAT.		123 ° 16 ' 34.94 " W LONG.	
ANTENNA ID:	43	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	MONMOUTH 1, 3			
LOCATION:	783 Church Street West, MONMOUTH, OR			
	44 ° 51 ' 6.02 " N LAT.		123 ° 14 ' 47.04 " W LONG.	
ANTENNA ID:	44	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL
SITE ID:	MCMINNVILLE 1, 2 &			
LOCATION:	1645 Northwest Baker Creek Road, MCMINNVILLE, OR			
	45 ° 13 ' 36.46 " N LAT.		123 ° 13 ' 6.42 " W LONG.	
ANTENNA ID:	45	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL
SITE ID:	SANTA CLARA 2, 3, 4			
LOCATION:	550 North Danebo Avenue, EUGENE, OR			
	44 ° 4 ' 0.63 " N LAT.		123 ° 10 ' 42.81 " W LONG.	
ANTENNA ID:	46	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	VERNONIA			
LOCATION:	1350 Knott Street, VERNONIA, OR			
	45 ° 52 ' 1.97 " N LAT.		123 ° 10 ' 9.08 " W LONG.	
ANTENNA ID:	47	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	SUTHERLIN			
LOCATION:	351 St John Street, SUTHERLIN, OR			
	43 ° 23 ' 47.64 " N LAT.		123 ° 17 ' 25.77 " W LONG.	
ANTENNA ID:	48	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL

SITE ID: DAIRY CREEK, FOREST
LOCATION: 3661 Brooke Street, FOREST GROVE, OK
45 ° 32 ' 27.08 " N LAT. 123 ° 7 ' 24.05 " W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: EUGENE 1, 3 &
LOCATION: 3500 West 18th Avenue, EUGENE, OR
44 ° 2 ' 24.81 " N LAT. 123 ° 7 ' 41.51 " W LONG.

ANTENNA ID: 50 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

Points of Communication:

ADA - PERMITTED LIST - ()
ASTORIA, WARRENTON - PERMITTED LIST - ()
BANDON - PERMITTED LIST - ()
BARTLESVILLE 1, 2, 3 - PERMITTED LIST - ()
CAVE JUNCTION - PERMITTED LIST - ()
CEDAR RIDGE, FAIR OA - PERMITTED LIST - ()
CLAREMORE, VERDIGRIS - PERMITTED LIST - ()
CLEVELAND - PERMITTED LIST - ()
COOPER HOLLOW, OAKDA - PERMITTED LIST - ()
COOS BAY, NORTH BEND - PERMITTED LIST - ()
COQUILLE - PERMITTED LIST - ()
CORVALLIS 1, 2 & - PERMITTED LIST - ()
CUSHING - PERMITTED LIST - ()
DAIRY CREEK, FOREST - PERMITTED LIST - ()
DURANT - PERMITTED LIST - ()
EUGENE 1, 3 & - PERMITTED LIST - ()
FLORENCE - PERMITTED LIST - ()
GARDEN VALLEY, HARVA - PERMITTED LIST - ()
GORE - PERMITTED LIST - ()
GROVE - PERMITTED LIST - ()

HENRYETTA - PERMITTED LIST - ()

IDABEL - PERMITTED LIST - ()

JENKS, SAPULPA - PERMITTED LIST - ()

LINCOLN CITY - PERMITTED LIST - ()

MCALESTER - PERMITTED LIST - ()

MCMINNVILLE 1, 2 & - PERMITTED LIST - ()

MERLIN - PERMITTED LIST - ()

MIAMI - PERMITTED LIST - ()

MONMOUTH 1, 3 - PERMITTED LIST - ()

MURPHY CREEK, REDWOO - PERMITTED LIST - ()

MUSKOGEE - PERMITTED LIST - ()

NEWPORT - PERMITTED LIST - ()

PAWHUSKA - PERMITTED LIST - ()

POTEAU - PERMITTED LIST - ()

PRYOR - PERMITTED LIST - ()

REEDSPORT - PERMITTED LIST - ()

SALLISAW - PERMITTED LIST - ()

SANTA CLARA 2, 3, 4 - PERMITTED LIST - ()

SEASIDE - PERMITTED LIST - ()

SEMINOLE - PERMITTED LIST - ()

SOUTH UMPQUA - PERMITTED LIST - ()

SUTHERLIN - PERMITTED LIST - ()

TAHLEQUAH - PERMITTED LIST - ()

TALIHINA - PERMITTED LIST - ()

VENETA - PERMITTED LIST - ()

VERNONIA - PERMITTED LIST - ()

WALDPORT - PERMITTED LIST - ()

WILLAMINA - PERMITTED LIST - ()

WINSTON - PERMITTED LIST - ()

SES-REG-20180917-04365 E E190694 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/17/2018 - 09/17/2033
Grant of Authority Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WAYCROSS 1, 2
LOCATION: 2095 Central Avenue, WAYCROSS, GA
 31 ° 12 ' 51.83 " N LAT. 82 ° 19 ' 30.94 " W LONG.

ANTENNA ID: 1 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GROVETOWN, HARLEM
LOCATION: 470 North Louisville Street, HARLEM, GA
 33 ° 25 ' 14.01 " N LAT. 82 ° 18 ' 40.05 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EVANS, MARTINEZ, STE
LOCATION: 835 North Belair Road, EVANS, GA
 33 ° 33 ' 33.59 " N LAT. 82 ° 7 ' 35.14 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: AUGUSTA
LOCATION: 2108 Eastland Drive, AUGUSTA, GA
 33 ° 27 ' 39.25 " N LAT. 82 ° 1 ' 59.86 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HINESVILLE
LOCATION: 220 Sandy Run Drive, HINESVILLE, GA
 31 ° 50 ' 43.32 " N LAT. 81 ° 34 ' 50.26 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GEORGETOWN, POOLER &
LOCATION: 1200 King George Boulevard, SAVANNAH, GA
 31 ° 58 ' 59.43 " N LAT. 81 ° 13 ' 25.66 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344

3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: RINCON		
LOCATION: 903 Fort Howard Road, RINCON, GA		
32 ° 17 ' 34.15 " N LAT.	81 ° 12 ' 48.96 " W LONG.	
ANTENNA ID: 7	3.4 meters	GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: KEKAHA		
LOCATION: 4587 Amakihi Rd, KEKAHA, HI		
21 ° 58 ' 19.54 " N LAT.	159 ° 43 ' 2.28 " W LONG.	
ANTENNA ID: 8	3.4 meters	GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: KALAHEO		
LOCATION: 02-2354 Kaunualii Hwy, KALAHEO, HI		
21 ° 55 ' 29.41 " N LAT.	159 ° 31 ' 48.30 " W LONG.	
ANTENNA ID: 9	3.4 meters	GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: LIHUE &		
LOCATION: 4580 Ehiku Street, LIHUE, HI		
21 ° 58 ' 58.47 " N LAT.	159 ° 22 ' 12.36 " W LONG.	
ANTENNA ID: 10	3.4 meters	GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: BRUNSWICK		
LOCATION: 3631 Community Road, BRUNSWICK, GA		
31 ° 11 ' 50.10 " N LAT.	81 ° 29 ' 21.47 " W LONG.	
ANTENNA ID: 11	3.4 meters	GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: MAKAHA, NANAKULI, WA		
LOCATION: 85-574 Plantation Road, WAIANAE, HI		
21 ° 27 ' 4.01 " N LAT.	158 ° 11 ' 9.80 " W LONG.	
ANTENNA ID: 12	3.4 meters	GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL

SITE ID: KAPOLEI, MAKAKILO 1,
 LOCATION: 92-900 Makakilo Drive, KAPOLEI, HI
 21 ° 21 ' 18.64 " N LAT. 158 ° 5 ' 15.03 " W LONG.

ANTENNA ID: 13 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MILILANI 1, 4 &
 LOCATION: 95-1039 Meheula Parkway, MILILANI, HI
 21 ° 27 ' 3.25 " N LAT. 158 ° 0 ' 50.26 " W LONG.

ANTENNA ID: 14 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: NEWTON 2 (TO), WAIPA
 LOCATION: 94-210 Kahualii Street, WAIPAHU, HI
 21 ° 23 ' 21.64 " N LAT. 157 ° 59 ' 44.45 " W LONG.

ANTENNA ID: 15 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LAIE 4, 6, 7 &
 LOCATION: 55-630 Naniloa Loop, LAIE, HI
 21 ° 38 ' 57.41 " N LAT. 157 ° 55 ' 44.90 " W LONG.

ANTENNA ID: 16 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: KAPAA 1, 2
 LOCATION: 4561 Ohia St, KAPAA, HI
 22 ° 4 ' 21.64 " N LAT. 159 ° 19 ' 12.00 " W LONG.

ANTENNA ID: 17 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LAIE 2, 3, 5 &
 LOCATION: 55-415 Iosepa Street, LAIE, HI
 21 ° 38 ' 41.23 " N LAT. 157 ° 55 ' 14.09 " W LONG.

ANTENNA ID: 18 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HAUULA 1, 3, 4
 LOCATION: 54-208 Hauula Homestead Road, HAUULA, HI
 21 ° 36 ' 28.59 " N LAT. 157 ° 54 ' 49.50 " W LONG.

ANTENNA ID:	19	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	KALIHI, MOANALUA 1,			
LOCATION:	1723 Beckley Street, HONOLULU, HI			
	21 ° 19 ' 57.33 " N LAT.		157 ° 52 ' 29.12 " W LONG.	
ANTENNA ID:	20	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HONOLULU 1 (TNGN), 2			
LOCATION:	1560 S Beretania St, HONOLULU, HI			
	21 ° 17 ' 59.31 " N LAT.		157 ° 50 ' 11.03 " W LONG.	
ANTENNA ID:	21	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	KAILUA, KEOLU			
LOCATION:	1461 Kanapuu Drive, KAILUA, HI			
	21 ° 22 ' 11.39 " N LAT.		157 ° 44 ' 6.74 " W LONG.	
ANTENNA ID:	22	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HALE LA'A YSA, LAIE			
LOCATION:	55-220 Kulanui Street, LAIE, HI			
	21 ° 38 ' 35.13 " N LAT.		157 ° 55 ' 37.79 " W LONG.	
ANTENNA ID:	23	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	LANAI			
LOCATION:	348 Jacaranda Street, LANAI, HI			
	20 ° 49 ' 46.19 " N LAT.		156 ° 55 ' 15.51 " W LONG.	
ANTENNA ID:	24	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	LAHAINA 2 (TONGAN)			
LOCATION:	1585 Malo St, LAHAINA, HI			
	20 ° 53 ' 57.87 " N LAT.		156 ° 41 ' 3.77 " W LONG.	
ANTENNA ID:	25	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: KAMEHAMEHA YSA, WAIE
 LOCATION: 125 West Kamehameha Avenue, KAHULUI, HI
 20 ° 53 ' 13.76 " N LAT. 156 ° 28 ' 9.52 " W LONG.

ANTENNA ID: 26 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: KIHEI 1, PIILANI (TO
 LOCATION: 169A Auhana Road, KIHEI, HI
 20 ° 43 ' 44.77 " N LAT. 156 ° 26 ' 41.60 " W LONG.

ANTENNA ID: 27 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MAKAWAO WARD
 LOCATION: 3356 Kihapai Place, PUKALANI, HI
 20 ° 50 ' 18.34 " N LAT. 156 ° 20 ' 12.50 " W LONG.

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

SITE ID: HOOLEHUA, KAUNAKAKAI
 LOCATION: 35-100 Maunaloa Hwy, KAUNAKAKAI, HI
 21 ° 5 ' 52.70 " N LAT. 157 ° 2 ' 21.99 " W LONG.

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

SITE ID: KEEI
 LOCATION: 84-5236 Hawaii Belt Road, HONAUNAU, HI
 19 ° 26 ' 30.48 " N LAT. 155 ° 52 ' 45.31 " W LONG.

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

SITE ID: KOHALA
 LOCATION: 55-524 Hawi Road, HAWI, HI
 20 ° 14 ' 8.08 " N LAT. 155 ° 49 ' 54.98 " W LONG.

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

SITE ID: KONA YSA, WAIKOLOA,
 LOCATION: 65-1168 Kapiolani Road, KAMUELA, HI
 20 ° 1 ' 28.73 " N LAT. 155 ° 40 ' 8.30 " W LONG.

ANTENNA ID:	32	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	KA'U			
LOCATION:	95-5682 Mamalahoa Highway, NAALEHU, HI			
	19 ° 3 ' 37.71 " N LAT.		155 ° 35 ' 19.88 " W LONG.	
ANTENNA ID:	33	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HONOKAA			
LOCATION:	45-3259 Mamalahoa Hwy, HONOKAA, HI			
	20 ° 4 ' 5.76 " N LAT.		155 ° 27 ' 32.97 " W LONG.	
ANTENNA ID:	34	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HOLUALOA, KONA 1, 2			
LOCATION:	75-230 Kalani Street, KONA, HI			
	19 ° 38 ' 29.89 " N LAT.		155 ° 59 ' 12.42 " W LONG.	
ANTENNA ID:	35	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PIONEER HILL, QUAIL			
LOCATION:	2600 West A Street, MOSCOW, ID			
	46 ° 44 ' 8.68 " N LAT.		117 ° 2 ' 18.60 " W LONG.	
ANTENNA ID:	36	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	MOSCOW ID (UI) INSTI			
LOCATION:	902 South Deakin Street, MOSCOW, ID			
	46 ° 43 ' 36.29 " N LAT.		117 ° 0 ' 23.46 " W LONG.	
ANTENNA ID:	37	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PALOUSE RIVER, PARAD			
LOCATION:	1657 South Blaine Street, MOSCOW, ID			
	46 ° 43 ' 10.26 " N LAT.		116 ° 59 ' 13.94 " W LONG.	
ANTENNA ID:	38	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: LEWISTON 1, 3 &
 LOCATION: 836 Preston Avenue, LEWISTON, ID
 46 ° 23 ' 14.30 " N LAT. 116 ° 59 ' 12.90 " W LONG.

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

SITE ID: NEWPORT, PRIEST RIVE
 LOCATION: 13261 Highway 2, OLDTOWN, ID
 48 ° 10 ' 53.94 " N LAT. 116 ° 58 ' 22.95 " W LONG.

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

SITE ID: AINAOLA, HILO YSA, K
 LOCATION: 1373 Kilauea Avenue, HILO, HI
 19 ° 42 ' 33.00 " N LAT. 155 ° 4 ' 32.37 " W LONG.

ANTENNA ID: 41 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LAKE CITY, PRAIRIE,
 LOCATION: 2293 West Hanley Avenue, COEUR D'ALENE, ID
 47 ° 43 ' 50.95 " N LAT. 116 ° 49 ' 7.53 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COEUR D'ALENE 1, 2,
 LOCATION: 2801 North 4th Street, COEUR D'ALENE, ID
 47 ° 42 ' 9.46 " N LAT. 116 ° 46 ' 54.18 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CALDWELL 1, 3, 6 &
 LOCATION: 3015 South Kimball Avenue, CALDWELL, ID
 43 ° 38 ' 35.19 " N LAT. 116 ° 41 ' 51.90 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MIDDLETON 1, 3, 6, 1
 LOCATION: 23644 Old Hwy 30, CALDWELL, ID
 43 ° 42 ' 54.50 " N LAT. 116 ° 41 ' 40.74 " W LONG.

ANTENNA ID:	45	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CAMBRIDGE			
LOCATION:	35 Southwest 2nd Street, CAMBRIDGE, ID			
	44 ° 34 ' 22.08 " N LAT.		116 ° 40 ' 47.43 " W LONG.	
ANTENNA ID:	46	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	WEISER 1, 2, 3 &			
LOCATION:	300 East Main Street, WEISER, ID			
	44 ° 14 ' 45.96 " N LAT.		116 ° 57 ' 52.97 " W LONG.	
ANTENNA ID:	47	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	NAMPA 12, 27, 35 &			
LOCATION:	1500 Smith Avenue, NAMPA, ID			
	43 ° 35 ' 0.88 " N LAT.		116 ° 35 ' 58.39 " W LONG.	
ANTENNA ID:	48	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ST MARIES			
LOCATION:	201 South 23rd Street, ST MARIES, ID			
	47 ° 18 ' 53.20 " N LAT.		116 ° 35 ' 12.68 " W LONG.	
ANTENNA ID:	49	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CALDWELL 8, 12, 14 &			
LOCATION:	11792 Linden Road, CALDWELL, ID			
	43 ° 38 ' 58.31 " N LAT.		116 ° 37 ' 46.98 " W LONG.	
ANTENNA ID:	50	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

Points of Communication:

AINAOLA, HILO YSA, K - PERMITTED LIST - ()

AUGUSTA - PERMITTED LIST - ()

BRUNSWICK - PERMITTED LIST - ()

CALDWELL 1, 3, 6 & - PERMITTED LIST - ()

CALDWELL 8, 12, 14 & - PERMITTED LIST - ()

CAMBRIDGE - PERMITTED LIST - ()

COEUR D'ALENE 1, 2, - PERMITTED LIST - ()

EVANS, MARTINEZ, STE - PERMITTED LIST - ()

GEORGETOWN, POOLER & - PERMITTED LIST - ()

GROVETOWN, HARLEM - PERMITTED LIST - ()

HALE LA'A YSA, LAIE - PERMITTED LIST - ()

HAUULA 1, 3, 4 - PERMITTED LIST - ()

HINESVILLE - PERMITTED LIST - ()

HOLUALOA, KONA 1, 2 - PERMITTED LIST - ()

HONOKAA - PERMITTED LIST - ()

HONOLULU 1 (TNGN), 2 - PERMITTED LIST - ()

HOOLEHUA, KAUNAKAKAI - PERMITTED LIST - ()

KAILUA, KEOLU - PERMITTED LIST - ()

KALAHEO - PERMITTED LIST - ()

KALIHI, MOANALUA 1, - PERMITTED LIST - ()

KAMEHAMEHA YSA, WAIE - PERMITTED LIST - ()

KAPAA 1, 2 - PERMITTED LIST - ()

KAPOLEI, MAKAKILO 1, - PERMITTED LIST - ()

KA'U - PERMITTED LIST - ()

KEEI - PERMITTED LIST - ()

KEKAHA - PERMITTED LIST - ()

KIHEI 1, PIILANI (TO - PERMITTED LIST - ()

KOHALA - PERMITTED LIST - ()

KONA YSA, WAIKOLOA, - PERMITTED LIST - ()

LAHAINA 2 (TONGAN) - PERMITTED LIST - ()

LAIE 2, 3, 5 & - PERMITTED LIST - ()

LAIE 4, 6, 7 & - PERMITTED LIST - ()

LAKE CITY, PRAIRIE, - PERMITTED LIST - ()

LANAI - PERMITTED LIST - ()

LEWISTON 1, 3 & - PERMITTED LIST - ()

LIHUE & - PERMITTED LIST - ()

MAKAHA, NANAKULI, WA - PERMITTED LIST - ()

MAKAWAO WARD - PERMITTED LIST - ()

MIDDLETON 1, 3, 6, 1 - PERMITTED LIST - ()

MILILANI 1, 4 & - PERMITTED LIST - ()

MOSCOW ID (UI) INSTI - PERMITTED LIST - ()

NAMPA 12, 27, 35 & - PERMITTED LIST - ()

NEWPORT, PRIEST RIVE - PERMITTED LIST - ()

NEWTON 2 (TO), WAIPA - PERMITTED LIST - ()

PALOUSE RIVER, PARAD - PERMITTED LIST - ()

PIONEER HILL, QUAIL - PERMITTED LIST - ()

RINCON - PERMITTED LIST - ()

ST MARIES - PERMITTED LIST - ()

WAYCROSS 1, 2 - PERMITTED LIST - ()

WEISER 1, 2, 3 & - PERMITTED LIST - ()

SES-REG-20180918-04387	E E190716	Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration		09/18/2018 - 09/18/2033
Grant of Authority		Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: COUNCIL CREEK, FORES
 LOCATION: 2700 Leon Drive, FOREST GROVE, OR
 45 ° 31 ' 40.96 " N LAT. 123 ° 7 ' 10.60 " W LONG.

ANTENNA ID:	1	3.4 meters	General Dynamics	Satcom 1334
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL

SITE ID: EOLA HILLS, GLEN CRE
 LOCATION: 3154 Eola Drive Northwest, SALEM, OR
 44 ° 56 ' 32.24 " N LAT. 123 ° 5 ' 38.16 " W LONG.

ANTENNA ID:	2	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL

SITE ID: BRUSH HILLS, CHAPMAN
 LOCATION: 1850 Brush College Road Northwest, SALEM, OR
 44 ° 58 ' 15.79 " N LAT. 123 ° 4 ' 19.88 " W LONG.

ANTENNA ID: 3 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COTTAGE GROVE, CRESW
 LOCATION: 531 South 10th Street, COTTAGE GROVE, OR
 43 ° 47 ' 32.97 " N LAT. 123 ° 3 ' 30.27 " W LONG.

ANTENNA ID: 4 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EUGENE 5, SPRINGFIEL
 LOCATION: 1155 President Street, EUGENE, OR
 44 ° 4 ' 30.26 " N LAT. 123 ° 3 ' 18.10 " W LONG.

ANTENNA ID: 5 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: SALEM 2, 4, 5, YSA &
 LOCATION: 4550 Lone Oak Road Southeast, SALEM, OR
 44 ° 53 ' 22.70 " N LAT. 123 ° 2 ' 53.98 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CLEAR LAKE, KEIZER 1
 LOCATION: 1375 Lockhaven Drive Northeast, KEIZER, OR
 45 ° 0 ' 21.64 " N LAT. 123 ° 0 ' 51.88 " W LONG.

ANTENNA ID: 7 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GRAND PRAIRIE YSA, S
 LOCATION: 2850 Grand Prairie Road Southeast, ALBANY, OR
 44 ° 36 ' 48.06 " N LAT. 123 ° 4 ' 17.37 " W LONG.

ANTENNA ID: 8 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EVERGREEN, GLENCOE &
 LOCATION: 2200 Northeast Jackson School Road, HILLSBORO, OR
 45 ° 32 ' 27.52 " N LAT. 122 ° 58 ' 44.99 " W LONG.

ANTENNA ID:	9	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	JAN REE, KEIZER 2 (S			
LOCATION:	862 45th Avenue Northeast, SALEM, OR			
	44 ° 56 ' 33.92 " N LAT.			122 ° 58 ' 19.08 " W LONG.
ANTENNA ID:	10	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	NEWBERG 1, 2			
LOCATION:	1212 Deborah Road, NEWBERG, OR			
	45 ° 18 ' 36.07 " N LAT.			122 ° 56 ' 57.48 " W LONG.
ANTENNA ID:	11	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CENTRAL POINT 1, 2,			
LOCATION:	2305 Taylor Road, CENTRAL POINT, OR			
	42 ° 22 ' 27.68 " N LAT.			122 ° 55 ' 56.40 " W LONG.
ANTENNA ID:	12	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	RAINIER &			
LOCATION:	27410 Parkdale Road, RAINIER, OR			
	46 ° 5 ' 15.93 " N LAT.			123 ° 0 ' 9.83 " W LONG.
ANTENNA ID:	13	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PIONEER, RIVERVIEW,			
LOCATION:	1955 South 5th Street, LEBANON, OR			
	44 ° 31 ' 38.77 " N LAT.			122 ° 54 ' 43.74 " W LONG.
ANTENNA ID:	14	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ALOHA 1, 2, COOPER M			
LOCATION:	17140 Southwest Bany Road, BEAVERTON, OR			
	45 ° 27 ' 58.60 " N LAT.			122 ° 51 ' 8.24 " W LONG.
ANTENNA ID:	15	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: SCAPPOOSE, ST HELENS
 LOCATION: 2755 Sykes Road, ST HELENS, OR
 45 ° 51 ' 11.72 " N LAT. 122 ° 50 ' 12.69 " W LONG.

ANTENNA ID: 16 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MEDFORD 1, 6, 8 &
 LOCATION: 2900 Juanipero Way, MEDFORD, OR
 42 ° 18 ' 37.62 " N LAT. 122 ° 49 ' 43.60 " W LONG.

ANTENNA ID: 17 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EAGLE POINT, WHITE C
 LOCATION: 11175 Highway 62, EAGLE POINT, OR
 42 ° 28 ' 24.77 " N LAT. 122 ° 48 ' 45.88 " W LONG.

ANTENNA ID: 18 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CANYON ROAD YSA, GRI
 LOCATION: 4195 Southwest 99th Avenue, BEAVERTON, OR
 45 ° 29 ' 26.32 " N LAT. 122 ° 46 ' 48.71 " W LONG.

ANTENNA ID: 19 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: FARMINGTON, HAZELDAL
 LOCATION: 5175 SW 209th Ave, ALOHA, OR
 45 ° 28 ' 55.77 " N LAT. 122 ° 53 ' 38.86 " W LONG.

ANTENNA ID: 20 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LAKE FOREST, LAKE OS
 LOCATION: 14903 Westlake Drive, LAKE OSWEGO, OR
 45 ° 25 ' 10.82 " N LAT. 122 ° 43 ' 51.94 " W LONG.

ANTENNA ID: 21 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LAKERIDGE, TRILLIUM
 LOCATION: 1271 Overlook Drive, LAKE OSWEGO, OR
 45 ° 23 ' 47.54 " N LAT. 122 ° 41 ' 44.43 " W LONG.

ANTENNA ID:	22	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ASHLAND			
LOCATION:	111 North Clay Street, ASHLAND, OR			
	42 ° 11 ' 33.03 " N LAT.			122 ° 40 ' 36.76 " W LONG.
ANTENNA ID:	23	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CLACKAMAS, MILWAUKIE			
LOCATION:	13520 SE Ruscliffe Ln, MILWAUKIE, OR			
	45 ° 25 ' 31.05 " N LAT.			122 ° 35 ' 53.95 " W LONG.
ANTENNA ID:	24	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ALDER CREEK YSA, GLA			
LOCATION:	8331 Cason Road, GLADSTONE, OR			
	45 ° 23 ' 26.22 " N LAT.			122 ° 35 ' 0.41 " W LONG.
ANTENNA ID:	25	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HEDGES CREEK, MERIDI			
LOCATION:	22284 Southwest Grahams Ferry Road, TUALATIN, OR			
	45 ° 21 ' 31.71 " N LAT.			122 ° 46 ' 44.26 " W LONG.
ANTENNA ID:	26	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PORTLAND HTS (SL), S			
LOCATION:	9901 Southeast Caruthers Street, PORTLAND, OR			
	45 ° 30 ' 19.26 " N LAT.			122 ° 33 ' 40.70 " W LONG.
ANTENNA ID:	27	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ROSE CITY (TO)			
LOCATION:	2215 Northeast 106th Avenue, PORTLAND, OR			
	45 ° 32 ' 18.00 " N LAT.			122 ° 33 ' 13.33 " W LONG.
ANTENNA ID:	28	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: BUTLER CREEK, HARTLE
 LOCATION: 3600 SE 182nd Ave, GRESHAM, OR
 45 ° 29 ' 46.74 " N LAT. 122 ° 28 ' 30.33 " W LONG.

ANTENNA ID: 29 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: OAKRIDGE
 LOCATION: 48703 McFarland Road, OAKRIDGE, OR
 43 ° 45 ' 42.22 " N LAT. 122 ° 26 ' 48.89 " W LONG.

ANTENNA ID: 30 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GATES
 LOCATION: 39945 Gates School Road, GATES, OR
 44 ° 44 ' 42.66 " N LAT. 122 ° 24 ' 57.39 " W LONG.

ANTENNA ID: 31 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: OREGON CITY 2, 3 &
 LOCATION: 14340 Donovan Road, OREGON CITY, OR
 45 ° 21 ' 17.91 " N LAT. 122 ° 34 ' 21.04 " W LONG.

ANTENNA ID: 32 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DAMASCUS, POWELL VAL
 LOCATION: 12300 Southeast 312th Avenue, BORING, OR
 45 ° 26 ' 2.26 " N LAT. 122 ° 20 ' 27.93 " W LONG.

ANTENNA ID: 33 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MOUNT HOOD YSA, SAND
 LOCATION: 16317 Southeast Bluff Road, SANDY, OR
 45 ° 24 ' 19.54 " N LAT. 122 ° 16 ' 26.25 " W LONG.

ANTENNA ID: 34 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: KENO
 LOCATION: 11050 Brennan Drive, KENO, OR
 42 ° 7 ' 25.97 " N LAT. 121 ° 56 ' 25.86 " W LONG.

ANTENNA ID:	35	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CHILOQUIN			
LOCATION:	35600 South Chiloquin Road, CHILOQUIN, OR			
	42 ° 32 ' 54.61 " N LAT.		121 ° 53 ' 55.24 " W LONG.	
ANTENNA ID:	36	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	KLAMATH FALLS 3, 4,			
LOCATION:	6630 Alva Avenue, KLAMATH FALLS, OR			
	42 ° 12 ' 41.23 " N LAT.		121 ° 42 ' 19.51 " W LONG.	
ANTENNA ID:	37	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	BLUE RIVER			
LOCATION:	51214 Blue River Drive, BLUE RIVER, OR			
	44 ° 9 ' 11.05 " N LAT.		122 ° 21 ' 35.77 " W LONG.	
ANTENNA ID:	38	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HOOD RIVER			
LOCATION:	1825 May Street, HOOD RIVER, OR			
	45 ° 42 ' 12.79 " N LAT.		121 ° 31 ' 51.97 " W LONG.	
ANTENNA ID:	39	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	YONNA VALLEY			
LOCATION:	26627 Hwy 140 East, BONANZA, OR			
	42 ° 17 ' 5.63 " N LAT.		121 ° 27 ' 58.47 " W LONG.	
ANTENNA ID:	40	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	CASCADE CREST, MOUNT			
LOCATION:	2555 Northwest Shevlin Park Road, BEND, OR			
	44 ° 4 ' 1.67 " N LAT.		121 ° 21 ' 15.25 " W LONG.	
ANTENNA ID:	41	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL

SITE ID: CENTENNIAL PARK, CLI
 LOCATION: 450 Southwest Rimrock Way, REDMOND, OR
 44 ° 16 ' 24.51 " N LAT. 121 ° 11 ' 19.37 " W LONG.

ANTENNA ID: 42 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: THE DALLES &
 LOCATION: 1815 East 15th Street, THE DALLES, OR
 45 ° 35 ' 26.46 " N LAT. 121 ° 9 ' 48.53 " W LONG.

ANTENNA ID: 43 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: SISTERS
 LOCATION: 68885 Trinity Way, SISTERS, OR
 44 ° 17 ' 39.03 " N LAT. 121 ° 34 ' 2.60 " W LONG.

ANTENNA ID: 44 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: OCHOCO VALLEY
 LOCATION: 333 Southeast Idlewood Street, PRINEVILLE, OR
 44 ° 17 ' 59.43 " N LAT. 120 ° 50 ' 16.45 " W LONG.

ANTENNA ID: 45 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LAKEVIEW
 LOCATION: 17880 Highway 395, LAKEVIEW, OR
 42 ° 12 ' 52.89 " N LAT. 120 ° 21 ' 41.82 " W LONG.

ANTENNA ID: 46 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: BOARDMAN
 LOCATION: 500 Wilson Road, BOARDMAN, OR
 45 ° 49 ' 39.88 " N LAT. 119 ° 42 ' 40.49 " W LONG.

ANTENNA ID: 47 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: WILLOW CREEK
 LOCATION: Hwy 74 5 Mi N of, LEXINGTON, OR
 45 ° 26 ' 55.33 " N LAT. 119 ° 41 ' 38.22 " W LONG.

ANTENNA ID:	48	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	BUTTE, HERMISTON			
LOCATION:	850 Southwest 11th Street, HERMISTON, OR			
	45 ° 50 ' 3.99 " N LAT.		119 ° 18 ' 41.38 " W LONG.	
ANTENNA ID:	49	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	MADRAS			
LOCATION:	340 Northeast Oak Street, MADRAS, OR			
	44 ° 38 ' 27.00 " N LAT.		121 ° 7 ' 21.62 " W LONG.	
ANTENNA ID:	50	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

ALDER CREEK YSA, GLA - PERMITTED LIST - ()

ALOHA 1, 2, COOPER M - PERMITTED LIST - ()

ASHLAND - PERMITTED LIST - ()

BLUE RIVER - PERMITTED LIST - ()

BOARDMAN - PERMITTED LIST - ()

BRUSH HILLS, CHAPMAN - PERMITTED LIST - ()

BUTLER CREEK, HARTLE - PERMITTED LIST - ()

BUTTE, HERMISTON - PERMITTED LIST - ()

CANYON ROAD YSA, GRI - PERMITTED LIST - ()

CASCADE CREST, MOUNT - PERMITTED LIST - ()

CENTENNIAL PARK, CLI - PERMITTED LIST - ()

CENTRAL POINT 1, 2, - PERMITTED LIST - ()

CHILOQUIN - PERMITTED LIST - ()

CLACKAMAS, MILWAUKIE - PERMITTED LIST - ()

CLEAR LAKE, KEIZER 1 - PERMITTED LIST - ()

COTTAGE GROVE, CRESW - PERMITTED LIST - ()

COUNCIL CREEK, FORES - PERMITTED LIST - ()

DAMASCUS, POWELL VAL - PERMITTED LIST - ()

EAGLE POINT, WHITE C - PERMITTED LIST - ()

EOLA HILLS, GLEN CRE - PERMITTED LIST - ()

EUGENE 5, SPRINGFIEL - PERMITTED LIST - ()

FARMINGTON, HAZELDAL - PERMITTED LIST - ()

GATES - PERMITTED LIST - ()

GRAND PRAIRIE YSA, S - PERMITTED LIST - ()

HEDGES CREEK, MERIDI - PERMITTED LIST - ()

HOOD RIVER - PERMITTED LIST - ()

JAN REE, KEIZER 2 (S - PERMITTED LIST - ()

KENO - PERMITTED LIST - ()

KLAMATH FALLS 3, 4, - PERMITTED LIST - ()

LAKE FOREST, LAKE OS - PERMITTED LIST - ()

LAKERIDGE, TRILLIUM - PERMITTED LIST - ()

LAKEVIEW - PERMITTED LIST - ()

MADRAS - PERMITTED LIST - ()

MEDFORD 1, 6, 8 & - PERMITTED LIST - ()

MOUNT HOOD YSA, SAND - PERMITTED LIST - ()

NEWBERG 1, 2 - PERMITTED LIST - ()

OAKRIDGE - PERMITTED LIST - ()

OCHOCO VALLEY - PERMITTED LIST - ()

OREGON CITY 2, 3 & - PERMITTED LIST - ()

PIONEER, RIVERVIEW, - PERMITTED LIST - ()

PORTLAND HTS (SL), S - PERMITTED LIST - ()

RAINIER & - PERMITTED LIST - ()

ROSE CITY (TO) - PERMITTED LIST - ()

SALEM 2, 4, 5, YSA & - PERMITTED LIST - ()

SCAPPOOSE, ST HELENS - PERMITTED LIST - ()

SISTERS - PERMITTED LIST - ()

THE DALLES & - PERMITTED LIST - ()

WILLOW CREEK - PERMITTED LIST - ()

YONNA VALLEY - PERMITTED LIST - ()

SES-REG-20180921-04737 E E191107 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 09/21/2018 - 09/21/2033
Grant of Authority Date Effective: 07/28/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1 MITCHELL
LOCATION: 920 West Ash Avenue, MITCHELL, SD
 43 ° 42 ' 28.23 " N LAT. 98 ° 2 ' 17.03 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1334

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 2 YANKTON
LOCATION: 2300 Douglas Avenue, YANKTON, SD
 42 ° 53 ' 40.67 " N LAT. 97 ° 23 ' 28.23 " W LONG.

ANTENNA ID: 2 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 3 MADISON
LOCATION: 927 North Lee Avenue, MADISON, SD
 44 ° 0 ' 52.67 " N LAT. 97 ° 6 ' 41.21 " W LONG.

ANTENNA ID: 3 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 4 SISSETON
LOCATION: 12 West Hickory, SISSETON, SD
 45 ° 39 ' 34.10 " N LAT. 97 ° 3 ' 4.86 " W LONG.

ANTENNA ID: 4 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 5 SIOUX FALLS 1, 2 &
LOCATION: 3900 South Fairhall Avenue, SIOUX FALLS, SD
 43 ° 30 ' 39.33 " N LAT. 96 ° 47 ' 54.51 " W LONG.

ANTENNA ID: 5 3.4 meters General Dynamics Satcom 1344

 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 6 ST. CROIX BRANCH
 LOCATION: 108 Herman Hill US Virgin Islands, Christiansted, VI
 17 ° 43 ' 57.41 " N LAT. 64 ° 43 ' 5.88 " W LONG.

ANTENNA ID: 6 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 7 ST. THOMAS BRANCH
 LOCATION: C-4 Hoffman Estate, Weymouth Rhymer Hwy, Saint Thomas, VI
 18 ° 20 ' 1.86 " N LAT. 64 ° 53 ' 57.91 " W LONG.

ANTENNA ID: 7 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 8 MEMPHIS 2, 4 (SP)
 LOCATION: 4520 Winchester Road, MEMPHIS, TN
 35 ° 3 ' 5.73 " N LAT. 89 ° 54 ' 47.57 " W LONG.

ANTENNA ID: 8 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 9 MILLINGTON
 LOCATION: 9604 US Highway 51 North, MILLINGTON, TN
 35 ° 23 ' 16.91 " N LAT. 89 ° 51 ' 21.92 " W LONG.

ANTENNA ID: 9 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 10 BRANDON
 LOCATION: 400 South Chestnut Boulevard, BRANDON, SD
 43 ° 35 ' 22.40 " N LAT. 96 ° 33 ' 6.14 " W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 11 MEMPHISYS, WALNUT
 LOCATION: 8150 Walnut Grove Road, CORDOVA, TN
 35 ° 7 ' 53.61 " N LAT. 89 ° 47 ' 28.89 " W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 12 ARLINGTON, LAKE LAND
 LOCATION: 12096 Arlington Trail, ARLINGTON, TN
 35 ° 15 ' 43.99 " N LAT. 89 ° 39 ' 33.43 " W LONG.

ANTENNA ID:	12	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	13 COLLIERVILLE 1, 2			
LOCATION:	580 Collierville Arlington Road, COLLIERVILLE, TN			
	35 ° 3 ' 20.27 " N LAT.			89 ° 39 ' 13.66 " W LONG.
ANTENNA ID:	13	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	14 DYERSBURG			
LOCATION:	3400 US Highway 51 South, DYERSBURG, TN			
	35 ° 59 ' 5.57 " N LAT.			89 ° 23 ' 32.75 " W LONG.
ANTENNA ID:	14	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	15 BARTLETT 1, 2 &			
LOCATION:	4195 Kirby Whitten Parkway, BARTLETT, TN			
	35 ° 14 ' 25.16 " N LAT.			89 ° 50 ' 18.01 " W LONG.
ANTENNA ID:	15	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	16 TRENTON			
LOCATION:	3 Homer Craig Rd Hwy 45, HUMBOLDT, TN			
	35 ° 52 ' 29.15 " N LAT.			88 ° 55 ' 29.12 " W LONG.
ANTENNA ID:	16	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	17 PARIS			
LOCATION:	1921 Lone Oak Road, PARIS, TN			
	36 ° 17 ' 59.73 " N LAT.			88 ° 17 ' 15.17 " W LONG.
ANTENNA ID:	17	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	18 LINDEN			
LOCATION:	7278 Highway 412 West, LINDEN, TN			
	35 ° 37 ' 16.52 " N LAT.			87 ° 57 ' 1.77 " W LONG.
ANTENNA ID:	18	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: 19 DICKSON, FAIRVIEW
 LOCATION: 100 Brown Dr, DICKSON, TN
 36 ° 4 ' 26.68 " N LAT. 87 ° 20 ' 1.74 " W LONG.

ANTENNA ID: 19 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 20 LAWRENCEBURG
 LOCATION: 201 Springer Road, LAWRENCEBURG, TN
 35 ° 14 ' 30.00 " N LAT. 87 ° 19 ' 3.91 " W LONG.

ANTENNA ID: 20 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 21 CLARKSVILLE3, SANGO
 LOCATION: 3242 Highway 41a South, CLARKSVILLE, TN
 36 ° 29 ' 50.71 " N LAT. 87 ° 13 ' 41.38 " W LONG.

ANTENNA ID: 21 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 22 JACKSON
 LOCATION: 923 Pipkin Road, JACKSON, TN
 35 ° 41 ' 24.68 " N LAT. 88 ° 52 ' 19.99 " W LONG.

ANTENNA ID: 22 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 23 THOMPSONSSTATION1,
 LOCATION: 2998 Commonwealth Drive, SPRING HILL, TN
 35 ° 45 ' 10.81 " N LAT. 86 ° 54 ' 42.13 " W LONG.

ANTENNA ID: 23 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 24 HARPETH, NASHVILLEY
 LOCATION: 4304 Hillsboro Pike, NASHVILLE, TN
 36 ° 5 ' 54.62 " N LAT. 86 ° 49 ' 16.50 " W LONG.

ANTENNA ID: 24 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 25 CUMBERLAND
 LOCATION: 1240 McGavock Pike, NASHVILLE, TN
 36 ° 12 ' 14.13 " N LAT. 86 ° 43 ' 46.49 " W LONG.

ANTENNA ID:	25	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	26PROVIDENCE(SP),SMI			
LOCATION:	364 Haywood Lane, NASHVILLE, TN			
	36 ° 4 ' 8.16 " N LAT.			86 ° 42 ' 54.43 " W LONG.
ANTENNA ID:	26	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	27GOODLETTSVILLEMADI			
LOCATION:	107 Twin Hills Drive, MADISON, TN			
	36 ° 18 ' 1.20 " N LAT.			86 ° 41 ' 20.24 " W LONG.
ANTENNA ID:	27	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	28COLUMBIA,SPRINGHIL			
LOCATION:	1608 Hampshire Pike, COLUMBIA, TN			
	35 ° 37 ' 9.07 " N LAT.			87 ° 5 ' 45.94 " W LONG.
ANTENNA ID:	28	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	29BUENAVISTA(SP), MO			
LOCATION:	1004 Woodridge Place, MOUNT JULIET, TN			
	36 ° 13 ' 2.86 " N LAT.			86 ° 30 ' 37.22 " W LONG.
ANTENNA ID:	29	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	30GREGORYMILL,SALEM,			
LOCATION:	316 Mayfield Drive, SMYRNA, TN			
	35 ° 58 ' 32.11 " N LAT.			86 ° 30 ' 13.52 " W LONG.
ANTENNA ID:	30	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	31 SHELBYVILLE			
LOCATION:	2508 Highway 231 North, SHELBYVILLE, TN			
	35 ° 32 ' 9.90 " N LAT.			86 ° 27 ' 6.19 " W LONG.
ANTENNA ID:	31	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: 32GALLATIN,HENDERSON
 LOCATION: 1360 East Main Street, GALLATIN, TN
 36 ° 24 ' 12.72 " N LAT. 86 ° 25 ' 21.39 " W LONG.

ANTENNA ID: 32 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 33MURFREESBORO,YSA,S
 LOCATION: 818 East Clark Boulevard, MURFREESBORO, TN
 35 ° 51 ' 35.81 " N LAT. 86 ° 22 ' 27.99 " W LONG.

ANTENNA ID: 33 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 34 FAYETTEVILLE
 LOCATION: 40 Hilltop Road, FAYETTEVILLE, TN
 35 ° 5 ' 26.60 " N LAT. 86 ° 33 ' 45.48 " W LONG.

ANTENNA ID: 34 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 35 TULLAHOMA
 LOCATION: 112 Old Shelbyville Hwy Hwy 130, TULLAHOMA, TN
 35 ° 21 ' 58.63 " N LAT. 86 ° 14 ' 13.79 " W LONG.

ANTENNA ID: 35 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 36MCMINNVILLETNSTAKE
 LOCATION: 562 Shangri La Lane; HWY 55, MCMINNVILLE, TN
 35 ° 40 ' 25.60 " N LAT. 85 ° 49 ' 2.26 " W LONG.

ANTENNA ID: 36 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 37 MCMINNVILLE
 LOCATION: 183 Underwood Road, MCMINNVILLE, TN
 35 ° 41 ' 57.57 " N LAT. 85 ° 47 ' 53.48 " W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 38 ALTAMONT
 LOCATION: 12471 State Route 108, ALTAMONT, TN
 35 ° 26 ' 9.95 " N LAT. 85 ° 44 ' 16.69 " W LONG.

ANTENNA ID:	38	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	39 JASPER			
LOCATION:	2700 Main Street, KIMBALL, TN			
	35 ° 3 ' 34.57 " N LAT.		85 ° 38 ' 52.94 " W LONG.	
ANTENNA ID:	39	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	40 LEBANON1, 2(SP)			
LOCATION:	105 Peyton Road, LEBANON, TN			
	36 ° 11 ' 36.05 " N LAT.		86 ° 16 ' 18.02 " W LONG.	
ANTENNA ID:	40	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	41 SIGNALMOUNTAIN			
LOCATION:	1160 Ridgeway Avenue, SIGNAL MOUNTAIN, TN			
	35 ° 8 ' 13.58 " N LAT.		85 ° 19 ' 50.45 " W LONG.	
ANTENNA ID:	41	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	42 HIXSON			
LOCATION:	3010 Hamill Road, HIXSON, TN			
	35 ° 7 ' 44.18 " N LAT.		85 ° 12 ' 50.46 " W LONG.	
ANTENNA ID:	42	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	43BRAINERD,HARRISONB			
LOCATION:	3067 Ooltewah Ringgold Road, OOLTEWAH, TN			
	35 ° 1 ' 50.17 " N LAT.		85 ° 4 ' 57.25 " W LONG.	
ANTENNA ID:	43	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				NULL
SITE ID:	44 DAYTON			
LOCATION:	3372 Rhea County Highway, DAYTON, TN			
	35 ° 27 ' 47.01 " N LAT.		85 ° 2 ' 30.27 " W LONG.	
ANTENNA ID:	44	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: 45 CROSSVILLE
 LOCATION: 1550 Genesis Road, CROSSVILLE, TN
 35 ° 58 ' 22.31 " N LAT. 85 ° 0 ' 56.45 " W LONG.

ANTENNA ID: 45 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 46 COOKEVILLE1, 2 &
 LOCATION: 981 South Walnut Avenue, COOKEVILLE, TN
 36 ° 8 ' 30.32 " N LAT. 85 ° 30 ' 44.85 " W LONG.

ANTENNA ID: 46 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: 47 ROCKWOOD
 LOCATION: 224 Patton Lane, ROCKWOOD, TN
 35 ° 53 ' 9.16 " N LAT. 54 ° 37 ' 6.50 " W LONG.

ANTENNA ID: 47 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: 48 ATHENS
 LOCATION: 506 Cedar Springs Road, ATHENS, TN
 35 ° 26 ' 3.14 " N LAT. 84 ° 35 ' 57.37 " W LONG.

ANTENNA ID: 48 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: 49 LOUDON
 LOCATION: 1005 Mulberry Street, LOUDON, TN
 35 ° 43 ' 45.65 " N LAT. 84 ° 20 ' 58.42 " W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: 50 JAMESTOWN
 LOCATION: 516 N Main St, JAMESTOWN, TN
 36 ° 26 ' 15.92 " N LAT. 84 ° 56 ' 8.28 " W LONG.

ANTENNA ID: 50 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

Points of Communication:

1 MITCHELL - PERMITTED LIST - ()

10 BRANDON - PERMITTED LIST - ()

11 MEMPHISYS, WALNUT - PERMITTED LIST - ()

12 ARLINGTON, LAKE LAND - PERMITTED LIST - ()

13 COLLIERVILLE 1, 2 - PERMITTED LIST - ()

14 DYERSBURG - PERMITTED LIST - ()

15 BARTLETT 1, 2 & - PERMITTED LIST - ()

16 TRENTON - PERMITTED LIST - ()

17 PARIS - PERMITTED LIST - ()

18 LINDEN - PERMITTED LIST - ()

19 DICKSON, FAIRVIEW - PERMITTED LIST - ()

2 YANKTON - PERMITTED LIST - ()

20 LAWRENCEBURG - PERMITTED LIST - ()

21 CLARKSVILLE 3, SANGO - PERMITTED LIST - ()

22 JACKSON - PERMITTED LIST - ()

23 THOMPSONS STATION 1, - PERMITTED LIST - ()

24 HARPETH, NASHVILLE - PERMITTED LIST - ()

25 CUMBERLAND - PERMITTED LIST - ()

26 PROVIDENCE (SP), SMI - PERMITTED LIST - ()

27 GOODLETTSVILLE MADI - PERMITTED LIST - ()

28 COLUMBIA, SPRINGHIL - PERMITTED LIST - ()

29 BUENAVISTA (SP), MO - PERMITTED LIST - ()

3 MADISON - PERMITTED LIST - ()

30 GREGORY MILL, SALEM, - PERMITTED LIST - ()

31 SHELBYVILLE - PERMITTED LIST - ()

32 GALLATIN, HENDERSON - PERMITTED LIST - ()

33 MURFREESBORO, YSA, S - PERMITTED LIST - ()

34 FAYETTEVILLE - PERMITTED LIST - ()

35 TULLAHOMA - PERMITTED LIST - ()

36 MC MINNVILLE TN STAKE - PERMITTED LIST - ()

37 MC MINNVILLE - PERMITTED LIST - ()

38 ALTAMONT - PERMITTED LIST - ()

39 JASPER - PERMITTED LIST - ()

4 SISSETON - PERMITTED LIST - ()

40 LEBANON1, 2(SP) - PERMITTED LIST - ()

41 SIGNALMOUNTAIN - PERMITTED LIST - ()

42 HIXSON - PERMITTED LIST - ()

43BRAINERD,HARRISONB - PERMITTED LIST - ()

44 DAYTON - PERMITTED LIST - ()

45 CROSSVILLE - PERMITTED LIST - ()

46 COOKEVILLE1, 2 & - PERMITTED LIST - ()

47 ROCKWOOD - PERMITTED LIST - ()

48 ATHENS - PERMITTED LIST - ()

49 LOUDON - PERMITTED LIST - ()

5 SIOUX FALLS 1, 2 & - PERMITTED LIST - ()

50 JAMESTOWN - PERMITTED LIST - ()

6 ST. CROIX BRANCH - PERMITTED LIST - ()

7 ST. THOMAS BRANCH - PERMITTED LIST - ()

8 MEMPHIS 2, 4 (SP) - PERMITTED LIST - ()

9 MILLINGTON - PERMITTED LIST - ()

SES-REG-20181003-04851 E E191222 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
 Registration 10/03/2018 - 10/03/2033
 Grant of Authority Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: YORKTOWN
 LOCATION: 230 North Riedel Street, YORKTOWN, TX
 28 ° 59 ' 1.12 " N LAT. 97 ° 30 ' 9.59 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1334
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BROWNSVILLE 4
 LOCATION: 6124 Southmost Road, BROWNSVILLE, TX
 25 ° 52 ' 49.56 " N LAT. 97 ° 26 ' 16.48 " W LONG.

ANTENNA ID: 2 3.4 meters General Dynamics Satcom 1344

3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: PALOMA LAKE, TAYLOR		
LOCATION: 2800 North Drive, TAYLOR, TX		
30 ° 35 ' 17.49 " N LAT.	97 ° 25 ' 41.21 " W LONG.	
ANTENNA ID: 3	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: CLEBURNE, KEENE		
LOCATION: 303 South Nolan River Road, CLEBURNE, TX		
32 ° 19 ' 47.20 " N LAT.	97 ° 25 ' 7.13 " W LONG.	
ANTENNA ID: 4	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: BURLESON, FORT WORTH		
LOCATION: 5001 Altamesa Boulevard, FT WORTH, TX		
32 ° 38 ' 44.98 " N LAT.	97 ° 23 ' 59.49 " W LONG.	
ANTENNA ID: 5	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: BELTON, TEMPLE 1, 2,		
LOCATION: 3909 Ermine Trail, TEMPLE, TX		
31 ° 6 ' 12.79 " N LAT.	97 ° 23 ' 7.93 " W LONG.	
ANTENNA ID: 6	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: BROWNSVILLE 1, 2 (SP)		
LOCATION: 114 East Price Road, BROWNSVILLE, TX		
25 ° 55 ' 54.02 " N LAT.	97 ° 28 ' 9.60 " W LONG.	
ANTENNA ID: 7	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL
SITE ID: HASLET, JUSTIN, TIMB		
LOCATION: 500 West Bonds Ranch Road, FT WORTH, TX		
32 ° 55 ' 29.08 " N LAT.	97 ° 22 ' 6.04 " W LONG.	
ANTENNA ID: 8	3.4 meters	General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz	36M0G7W	NULL

SITE ID: CORPUS CHRISTI 2, 3,
 LOCATION: 6630 Wooldridge Road, CORPUS CHRISTI, TX
 27 ° 40 ' 54.86 " N LAT. 97 ° 21 ' 32.06 " W LONG.

ANTENNA ID: 9 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CENTENNIAL, JOSHUA
 LOCATION: 390 SE John Jones Drive, BURLESON, TX
 32 ° 30 ' 54.35 " N LAT. 97 ° 20 ' 46.66 " W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: FORT WORTH 7 (SP), 8
 LOCATION: 2520 8th Avenue, FT WORTH, TX
 32 ° 42 ' 53.08 " N LAT. 97 ° 20 ' 39.71 " W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PORTLAND
 LOCATION: 600 Marriot Drive, PORTLAND, TX
 27 ° 53 ' 15.81 " N LAT. 97 ° 20 ' 23.22 " W LONG.

ANTENNA ID: 12 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BONDS RANCH, HIGHLAN
 LOCATION: 300 Ridgecrest Drive, SAGINAW, TX
 32 ° 51 ' 21.89 " N LAT. 97 ° 22 ' 20.65 " W LONG.

ANTENNA ID: 13 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BASTROP
 LOCATION: 140 Tahitian Drive, BASTROP, TX
 30 ° 5 ' 59.10 " N LAT. 97 ° 17 ' 11.50 " W LONG.

ANTENNA ID: 14 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HERITAGE, KELLER 3,
 LOCATION: 2001 Willis Lane, KELLER, TX
 32 ° 53 ' 58.92 " N LAT. 97 ° 14 ' 47.52 " W LONG.

ANTENNA ID:	15	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	WACO 1, 3 (SP)			
LOCATION:	7201 Viking Drive, WACO, TX			
	31 ° 31 ' 41.63 " N LAT.		97 ° 12 ' 43.60 " W LONG.	
ANTENNA ID:	16	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HURST 1, 3 (SP), RIV			
LOCATION:	4401 E Loop 820 N, NORTH RICHLANDS HILL, TX			
	32 ° 49 ' 44.09 " N LAT.		97 ° 12 ' 24.40 " W LONG.	
ANTENNA ID:	17	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	COLLEYVILLE, KELLER			
LOCATION:	500 West McDonwell School Road, COLLEYVILLE, TX			
	32 ° 54 ' 17.42 " N LAT.		97 ° 10 ' 26.78 " W LONG.	
ANTENNA ID:	18	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	FOSSIL RIDGE, PARK G			
LOCATION:	7600 North Beach Street, FT WORTH, TX			
	32 ° 52 ' 39.26 " N LAT.		97 ° 17 ' 20.54 " W LONG.	
ANTENNA ID:	19	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	GAINESVILLE			
LOCATION:	1503 West California Street, GAINESVILLE, TX			
	33 ° 36 ' 55.24 " N LAT.		97 ° 9 ' 55.04 " W LONG.	
ANTENNA ID:	20	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	DENTON 1, 3			
LOCATION:	1801 Malone Street, DENTON, TX			
	33 ° 13 ' 49.20 " N LAT.		97 ° 8 ' 59.59 " W LONG.	
ANTENNA ID:	21	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: HILLSBORO
 LOCATION: 1024 Old Bynum Road, HILLSBORO, TX
 32 ° 0 ' 1.30 " N LAT. 97 ° 6 ' 25.90 " W LONG.

ANTENNA ID: 22 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DENTON 4, 6 (SP), YS
 LOCATION: 3000 Old North Road, DENTON, TX
 33 ° 14 ' 32.78 " N LAT. 97 ° 5 ' 53.16 " W LONG.

ANTENNA ID: 23 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CARROLLTON YSA, FLOW
 LOCATION: 1100 Stapleton Lane, FLOWER MOUND, TX
 33 ° 2 ' 48.15 " N LAT. 97 ° 2 ' 43.41 " W LONG.

ANTENNA ID: 24 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ARLINGTON 3, 5, MANS
 LOCATION: 3809 Curt Drive, ARLINGTON, TX
 32 ° 41 ' 16.05 " N LAT. 97 ° 10 ' 4.86 " W LONG.

ANTENNA ID: 25 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GRAND PRAIRIE 1, 2,
 LOCATION: 2010 South Carrier Parkway, GRAND PRAIRIE, TX
 32 ° 42 ' 58.16 " N LAT. 97 ° 0 ' 54.98 " W LONG.

ANTENNA ID: 26 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: IRVING 1, SHADY GROV
 LOCATION: 1553 South Story Road, IRVING, TX
 32 ° 47 ' 46.12 " N LAT. 96 ° 58 ' 39.58 " W LONG.

ANTENNA ID: 27 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COPPELL 1, 2, 3
 LOCATION: 615 North Macarthur Boulevard, COPPELL, TX
 32 ° 58 ' 49.09 " N LAT. 96 ° 58 ' 10.81 " W LONG.

ANTENNA ID:	28	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CARROLLTON 1, 3 (SP)			
LOCATION:	4000 Nazarene Drive, CARROLLTON, TX			
	33 ° 0 ' 47.52 " N LAT.			96 ° 56 ' 36.73 " W LONG.
ANTENNA ID:	29	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ROCKDALE			
LOCATION:	310 Calhoun Drive, ROCKDALE, TX			
	30 ° 38 ' 50.59 " N LAT.			97 ° 1 ' 36.40 " W LONG.
ANTENNA ID:	30	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	FRISCO 3, LITTLE ELM			
LOCATION:	6800 Anderson Drive, THE COLONY, TX			
	33 ° 5 ' 45.05 " N LAT.			96 ° 54 ' 0.55 " W LONG.
ANTENNA ID:	31	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	DALLAS 6, IRVING 2,			
LOCATION:	2945 South Sunbeck Circle, FARMERS BRANCH, TX			
	32 ° 54 ' 51.30 " N LAT.			96 ° 52 ' 45.26 " W LONG.
ANTENNA ID:	32	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	FRISCO 2, 6, 9, YSA			
LOCATION:	10400 Legacy Drive, FRISCO, TX			
	33 ° 9 ' 52.81 " N LAT.			96 ° 50 ' 54.15 " W LONG.
ANTENNA ID:	33	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	DALLAS 1, 9			
LOCATION:	9509 Midway Rd, DALLAS, TX			
	32 ° 52 ' 7.85 " N LAT.			96 ° 50 ' 18.88 " W LONG.
ANTENNA ID:	34	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: BEAR CREEK (SP), DES
 LOCATION: 1019 Big Stone Gap Road, DUNCANVILLE, TX
 32 ° 38 ' 32.74 " N LAT. 96 ° 55 ' 56.39 " W LONG.

ANTENNA ID: 35 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: KESSLER PARK, OAK CL
 LOCATION: 1415 South Vernon Avenue, DALLAS, TX
 32 ° 43 ' 53.05 " N LAT. 96 ° 50 ' 15.20 " W LONG.

ANTENNA ID: 36 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DALLAS 4, YSA 1, RIC
 LOCATION: 14740 Meandering Way, DALLAS, TX
 32 ° 56 ' 58.06 " N LAT. 96 ° 46 ' 42.26 " W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: FRISCO 1, 5, 7
 LOCATION: 5095 Coit Road, FRISCO, TX
 33 ° 7 ' 13.19 " N LAT. 96 ° 46 ' 6.87 " W LONG.

ANTENNA ID: 38 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PLANO 1, 2 (SP), 3 &
 LOCATION: 2700 Roundrock Trail, PLANO, TX
 33 ° 2 ' 7.57 " N LAT. 96 ° 44 ' 37.35 " W LONG.

ANTENNA ID: 39 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PLANO 4, 6, 8
 LOCATION: 2401 Legacy Drive, PLANO, TX
 33 ° 4 ' 19.24 " N LAT. 96 ° 44 ' 34.14 " W LONG.

ANTENNA ID: 40 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: GARLAND 3, 5 (SP) &
 LOCATION: 900 South Bowser Road, RICHARDSON, TX
 32 ° 56 ' 12.54 " N LAT. 96 ° 42 ' 45.51 " W LONG.

ANTENNA ID:	41	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	MIDLOTHIAN, WAXAHACH			
LOCATION:	2418 Brown Street, WAXAHACHIE, TX			
	32 ° 25 ' 0.67 " N LAT.		96 ° 49 ' 19.06 " W LONG.	
ANTENNA ID:	42	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	CASA LINDA (SP), GAR			
LOCATION:	10701 East Lake Highlands Drive, DALLAS, TX			
	32 ° 51 ' 23.44 " N LAT.		96 ° 42 ' 5.59 " W LONG.	
ANTENNA ID:	43	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	MCKINNEY 2, 3, 6 (SP)			
LOCATION:	2801 West Eldorado Parkway, MCKINNEY, TX			
	33 ° 10 ' 8.11 " N LAT.		96 ° 39 ' 26.94 " W LONG.	
ANTENNA ID:	44	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL
SITE ID:	MESQUITE, RIO TRINID			
LOCATION:	2801 Skyline Drive, MESQUITE, TX			
	32 ° 46 ' 51.27 " N LAT.		96 ° 38 ' 24.21 " W LONG.	
ANTENNA ID:	45	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W		NULL
SITE ID:	SHERMAN 1, 2			
LOCATION:	1900 West Lamberth Road, SHERMAN, TX			
	33 ° 39 ' 18.25 " N LAT.		96 ° 38 ' 23.01 " W LONG.	
ANTENNA ID:	46	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL
SITE ID:	ALLEN 3, 5, YSA			
LOCATION:	1404 East Main Street, ALLEN, TX			
	33 ° 5 ' 59.37 " N LAT.		96 ° 38 ' 7.80 " W LONG.	
ANTENNA ID:	47	3.4 meters	General Dynamics	Satcom 1344
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	NULL

SITE ID: ALLEN 1, 4, 6 &
 LOCATION: 1324 W Exchange Pkwy, ALLEN, TX
 33 ° 6 ' 58.39 " N LAT. 96 ° 42 ' 9.29 " W LONG.

ANTENNA ID: 48 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ROWLETT 1, 2, 3 (SP)
 LOCATION: 8201 Garner Road, ROWLETT, TX
 32 ° 53 ' 13.96 " N LAT. 96 ° 31 ' 16.18 " W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: CELINA 2, MCKINNEY 8
 LOCATION: 737 East Melissa Road, MELISSA, TX
 33 ° 17 ' 2.07 " N LAT. 96 ° 35 ' 0.36 " W LONG.

ANTENNA ID: 50 3.4 meters General Dynamics Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

ALLEN 1, 4, 6 & - PERMITTED LIST - ()

ALLEN 3, 5, YSA - PERMITTED LIST - ()

ARLINGTON 3, 5, MANS - PERMITTED LIST - ()

BASTROP - PERMITTED LIST - ()

BEAR CREEK (SP), DES - PERMITTED LIST - ()

BELTON, TEMPLE 1, 2, - PERMITTED LIST - ()

BONDS RANCH, HIGHLAN - PERMITTED LIST - ()

BROWNSVILLE 1, 2 (SP - PERMITTED LIST - ()

BROWNSVILLE 4 - PERMITTED LIST - ()

BURLESON, FORT WORTH - PERMITTED LIST - ()

CARROLLTON 1, 3 (SP) - PERMITTED LIST - ()

CARROLLTON YSA, FLOW - PERMITTED LIST - ()

CASA LINDA (SP), GAR - PERMITTED LIST - ()

CELINA 2, MCKINNEY 8 - PERMITTED LIST - ()

CENTENNIAL, JOSHUA - PERMITTED LIST - ()

CLEBURNE, KEENE - PERMITTED LIST - ()

COLLEYVILLE, KELLER - PERMITTED LIST - ()

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

DALLAS 1, 9 - PERMITTED LIST - ()

DALLAS 4, YSA 1, RIC - PERMITTED LIST - ()

DALLAS 6, IRVING 2, - PERMITTED LIST - ()

DENTON 1, 3 - PERMITTED LIST - ()

DENTON 4, 6 (SP), YS - PERMITTED LIST - ()

FORT WORTH 7 (SP), 8 - PERMITTED LIST - ()

FOSSIL RIDGE, PARK G - PERMITTED LIST - ()

FRISCO 1, 5, 7 - PERMITTED LIST - ()

FRISCO 2, 6, 9, YSA - PERMITTED LIST - ()

FRISCO 3, LITTLE ELM - PERMITTED LIST - ()

GAINESVILLE - PERMITTED LIST - ()

GARLAND 3, 5 (SP) & - PERMITTED LIST - ()

GRAND PRAIRIE 1, 2, - PERMITTED LIST - ()

HASLET, JUSTIN, TIMB - PERMITTED LIST - ()

HERITAGE, KELLER 3, - PERMITTED LIST - ()

HILLSBORO - PERMITTED LIST - ()

HURST 1, 3 (SP), RIV - PERMITTED LIST - ()

IRVING 1, SHADY GROV - PERMITTED LIST - ()

KESSLER PARK, OAK CL - PERMITTED LIST - ()

MCKINNEY 2, 3, 6 (SP - PERMITTED LIST - ()

MESQUITE, RIO TRINID - PERMITTED LIST - ()

MIDLOTHIAN, WAXAHACH - PERMITTED LIST - ()

PALOMA LAKE, TAYLOR - PERMITTED LIST - ()

PLANO 1, 2 (SP), 3 & - PERMITTED LIST - ()

PLANO 4, 6, 8 - PERMITTED LIST - ()

PORTLAND - PERMITTED LIST - ()

ROCKDALE - PERMITTED LIST - ()

ROWLETT 1, 2, 3 (SP) - PERMITTED LIST - ()

SHERMAN 1, 2 - PERMITTED LIST - ()

WACO 1, 3 (SP) - PERMITTED LIST - ()

YORKTOWN - PERMITTED LIST - ()

SES-REG-20181009-05139 E E191520 KGY, Inc.

Registration

10/09/2018 - 10/09/2033

Grant of Authority

Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KGY Satellite

LOCATION: 1700 Marine Drive NE, Thurston, Olympia, WA

47 ° 3 ' 32.32 " N LAT.

122 ° 54 ' 8.46 " W LONG.

ANTENNA ID: 000

4.4 meters

Orbitron

N/A

3716.0000 - 4180.0000 MHz

36M0G7W

0.00 dBW

Receive Only C Band Dish for XDS
WEGNER Network Services

Points of Communication:

KGY Satellite - PERMITTED LIST - ()

SES-REG-20181010-04071 E E190376

Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Registration

10/10/2018 - 10/10/2033

Grant of Authority

Date Effective: 07/23/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MOUNT NEBO, SPANISH

LOCATION: 1006 East 200 South, SPANISH FORK, UT

40 ° 6 ' 24.87 " N LAT.

111 ° 38 ' 15.75 " W LONG.

ANTENNA ID: 1

3.4 meters

GENERAL DYNAMICS

Satcom 1344

3700.0000 - 4200.0000 MHz

36M0G7W

NULL

SITE ID: CROSSWINDS 1, WOLF H

LOCATION: 870 East Canyon Road, SPANISH FORK, UT

40 ° 6 ' 11.98 " N LAT.

111 ° 38 ' 22.74 " W LONG.

ANTENNA ID: 2

3.4 meters

GENERAL DYNAMICS

Satcom 1344

3700.0000 - 4200.0000 MHz

36M0G7W

NULL

SITE ID: PLEASANT VIEW 5, 8,
 LOCATION: 2400 North 1060 East, PROVO, UT
 40 ° 15 ' 57.78 " N LAT. 111 ° 38 ' 22.84 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BONNEVILLE 1, 5, 7
 LOCATION: 85 South 900 East, PROVO, UT
 40 ° 13 ' 55.69 " N LAT. 111 ° 38 ' 32.25 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PROVO MRD STDNT 1, 4
 LOCATION: 1600 North 900 East, PROVO, UT
 40 ° 15 ' 17.80 " N LAT. 111 ° 38 ' 34.20 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: OAK HILLS 2, 4, 8 (S
 LOCATION: 925 East North Temple Drive, PROVO, UT
 40 ° 15 ' 50.42 " N LAT. 111 ° 38 ' 38.31 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: SPANISH FORK 11, 20
 LOCATION: 505 East 900 North, SPANISH FORK, UT
 40 ° 7 ' 17.40 " N LAT. 111 ° 38 ' 42.57 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PROVO MRD STDNT 31,
 LOCATION: 945 East 700 North, PROVO, UT
 40 ° 14 ' 35.71 " N LAT. 111 ° 38 ' 32.24 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LOA &
 LOCATION: 20 South 100 West, LOA, UT
 38 ° 24 ' 6.63 " N LAT. 111 ° 38 ' 42.77 " W LONG.

ANTENNA ID:	9	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PROVO YSA 2, 6, 7, 9			
LOCATION:	395 East 600 North, PROVO, UT			
	40 ° 14 ' 30.89 " N LAT.		111 ° 39 ' 7.21 " W LONG.	
ANTENNA ID:	10	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	EDGEMONT 5, 12, PLEA			
LOCATION:	350 East 2950 North, PROVO, UT			
	40 ° 16 ' 20.84 " N LAT.		111 ° 39 ' 8.13 " W LONG.	
ANTENNA ID:	11	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	EDGEMONT 10, FOOTHIL			
LOCATION:	345 East 4525 North, PROVO, UT			
	40 ° 17 ' 38.37 " N LAT.		111 ° 39 ' 8.54 " W LONG.	
ANTENNA ID:	12	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	EDGEMONT 9, PROVO CA			
LOCATION:	4300 North Canyon Road, PROVO, UT			
	40 ° 17 ' 24.80 " N LAT.		111 ° 39 ' 11.87 " W LONG.	
ANTENNA ID:	13	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PROVO MRD STUDENT 18			
LOCATION:	1915 North Canyon Road, PROVO, UT			
	40 ° 15 ' 33.10 " N LAT.		111 ° 39 ' 24.23 " W LONG.	
ANTENNA ID:	14	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	PROVO PEAK 4, 8 (SP)			
LOCATION:	667 North 600 East, PROVO, UT			
	40 ° 14 ' 33.22 " N LAT.		111 ° 38 ' 55.70 " W LONG.	
ANTENNA ID:	15	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID:	FOOTHILLS, SALEM 6			
LOCATION:	470 E Salem Canal Rd, Salem, UT		111 ° 39 ' 48.27 " W LONG.	
	40 ° 2 ' 53.51 " N LAT.			
ANTENNA ID:	16	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	EDGEMONT 1, MEADOW W			
LOCATION:	303 W 3700 N, PROVO, UT		111 ° 39 ' 50.56 " W LONG.	
	40 ° 16 ' 56.28 " N LAT.			
ANTENNA ID:	17	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	LELAND, SPANISH FORK			
LOCATION:	575 West 400 North, SPANISH FORK, UT		111 ° 39 ' 52.58 " W LONG.	
	40 ° 6 ' 53.39 " N LAT.			
ANTENNA ID:	18	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	KOLOB YSA, PROVO CIT			
LOCATION:	1021 South 500 West, PROVO, UT		111 ° 39 ' 59.31 " W LONG.	
	40 ° 13 ' 12.50 " N LAT.			
ANTENNA ID:	19	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	FREEDOM 4, PROVO 6,			
LOCATION:	835 South 500 West, PROVO, UT		111 ° 40 ' 1.64 " W LONG.	
	40 ° 13 ' 21.34 " N LAT.			
ANTENNA ID:	20	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	RIVERVIEW &			
LOCATION:	452 West 550 South, SPANISH FORK, UT		111 ° 39 ' 44.26 " W LONG.	
	40 ° 6 ' 9.88 " N LAT.			
ANTENNA ID:	21	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SHARON 5, 6, 8 &			
LOCATION:	545 South 800 East, Orem, UT		111 ° 40 ' 32.06 " W LONG.	
	40 ° 17 ' 11.60 " N LAT.			

ANTENNA ID:	22	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HILLCREST 1, 2, 3 &			
LOCATION:	1450 South 800 East, Orem, UT			
	40 ° 16 ' 12.18 " N LAT.		111 ° 40 ' 32.26 " W LONG.	
ANTENNA ID:	23	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	GENEVA HEIGHTS 8, OR			
LOCATION:	810 East 600 North, Orem, UT			
	40 ° 18 ' 28.03 " N LAT.		111 ° 40 ' 32.53 " W LONG.	
ANTENNA ID:	24	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	OREM YSA 16, 25, PRO			
LOCATION:	710 South 800 East, Orem, UT			
	40 ° 17 ' 3.45 " N LAT.		111 ° 40 ' 36.41 " W LONG.	
ANTENNA ID:	25	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SUNSET 3, 12 (TNGN)			
LOCATION:	1090 West 1020 South, PROVO, UT			
	40 ° 13 ' 13.81 " N LAT.		111 ° 40 ' 37.44 " W LONG.	
ANTENNA ID:	26	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	GRAND VIEW, MORGAN 1			
LOCATION:	355 North 700 East, Morgan, UT			
	41 ° 2 ' 54.18 " N LAT.		111 ° 40 ' 31.11 " W LONG.	
ANTENNA ID:	27	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SUNSET 2 (SP), 9, 11			
LOCATION:	1560 South 1100 West, PROVO, UT			
	40 ° 12 ' 47.70 " N LAT.		111 ° 40 ' 38.07 " W LONG.	
ANTENNA ID:	28	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: GRANDVIEW 2, 4, 20
 LOCATION: 1081 West 1060 North, PROVO, UT
 40 ° 14 ' 53.47 " N LAT. 111 ° 40 ' 39.48 " W LONG.

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

SITE ID: ELK RIDGE 2, 3, 4
 LOCATION: 259 East Alpine Drive, Elk Ridge, UT
 40 ° 0 ' 46.69 " N LAT. 111 ° 40 ' 40.91 " W LONG.

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

SITE ID: PROVO UTAH YSA 11TH
 LOCATION: 735 East 800 South, Orem, UT
 40 ° 16 ' 57.46 " N LAT. 111 ° 40 ' 41.10 " W LONG.

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

SITE ID: MOUNT LOAFER, SALEM
 LOCATION: 695 South 300 West, Salem, UT
 40 ° 2 ' 37.64 " N LAT. 111 ° 40 ' 45.19 " W LONG.

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

SITE ID: NORTH PARK 2, 3, PIO
 LOCATION: 1066 West 200 North, PROVO, UT
 40 ° 14 ' 12.05 " N LAT. 111 ° 40 ' 37.95 " W LONG.

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

SITE ID: PIONEER 2, 5 (SP), R
 LOCATION: 450 North 1220 West, Provo, UT
 40 ° 14 ' 23.06 " N LAT. 111 ° 40 ' 48.41 " W LONG.

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

SITE ID: CANYON VIEW 1, 5, 7
 LOCATION: 575 East 800 North, Orem, UT
 40 ° 18 ' 46.38 " N LAT. 111 ° 40 ' 54.49 " W LONG.

ANTENNA ID:	35	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CASCADE 1, 2, OREM Y			
LOCATION:	481 East Center Street, Orem, UT			
	40 ° 17 ' 51.03 " N LAT.		111 ° 41 ' 1.98 " W LONG.	
ANTENNA ID:	36	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	HEATHERIDGE 2, 3, 9			
LOCATION:	450 East 2000 North, Orem, UT			
	40 ° 20 ' 1.01 " N LAT.		111 ° 41 ' 8.54 " W LONG.	
ANTENNA ID:	37	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CHERRY HILL 1, 2, 4			
LOCATION:	1700 South 400 East, Orem, UT			
	40 ° 15 ' 56.87 " N LAT.		111 ° 41 ' 8.72 " W LONG.	
ANTENNA ID:	38	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ELK RIDGE 1, 7, 11 &			
LOCATION:	185 E Ridgeview Dr, Elk Ridge, UT			
	40 ° 1 ' 16.25 " N LAT.		111 ° 40 ' 45.57 " W LONG.	
ANTENNA ID:	39	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	GRANDVIEW 14, 15, 17			
LOCATION:	1122 Grand Avenue, PROVO, UT			
	40 ° 14 ' 57.43 " N LAT.		111 ° 41 ' 25.13 " W LONG.	
ANTENNA ID:	40	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	GRANDVIEW 6, 10, 21			
LOCATION:	1600 North 1880 West, PROVO, UT			
	40 ° 15 ' 18.82 " N LAT.		111 ° 41 ' 25.22 " W LONG.	
ANTENNA ID:	41	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: LAKERIDGE 1 (SP), 3,
 LOCATION: 158 E 1100 S, Orem, UT
 40 ° 16 ' 36.41 " N LAT. 111 ° 41 ' 28.88 " W LONG.

ANTENNA ID: 42 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LINDON 9, 11, 13 &
 LOCATION: 1050 East 100 North, LINDON, UT
 40 ° 20 ' 24.87 " N LAT. 111 ° 41 ' 29.63 " W LONG.

ANTENNA ID: 43 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WINDSOR 2, 5, 6 &
 LOCATION: 60 East 1600 North, Orem, UT
 40 ° 19 ' 33.95 " N LAT. 111 ° 41 ' 39.47 " W LONG.

ANTENNA ID: 44 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: OREM 1, 2, 9 (SMN) &
 LOCATION: 80 South 280 East, OREM, UT
 40 ° 17 ' 43.77 " N LAT. 111 ° 41 ' 23.85 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: TIMPANOGOS PARK 1, 3
 LOCATION: 1000 North Main Street, Orem, UT
 40 ° 18 ' 57.90 " N LAT. 111 ° 41 ' 43.91 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: STONEWOOD 3, 4, 5 &
 LOCATION: 450 South 100 West, Orem, UT
 40 ° 17 ' 20.05 " N LAT. 111 ° 41 ' 52.50 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PARK 3, 5, SUNSET &
 LOCATION: 195 West 300 South, Orem, UT
 40 ° 17 ' 29.73 " N LAT. 111 ° 42 ' 23.00 " W LONG.

ANTENNA ID:	48	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	NORTHRIDGE 3, 7, 13			
LOCATION:	1674 North 200 West, Orem, UT			
	40 ° 19 ' 39.63 " N LAT.		111 ° 42 ' 2.14 " W LONG.	
ANTENNA ID:	49	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SHARON PARK 4, 8, 13			
LOCATION:	85 East 700 North, Orem, UT			
	40 ° 18 ' 37.66 " N LAT.		111 ° 41 ' 40.12 " W LONG.	
ANTENNA ID:	50	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	

Points of Communication:

BONNEVILLE 1, 5, 7 - PERMITTED LIST - ()

CANYON VIEW 1, 5, 7 - PERMITTED LIST - ()

CASCADE 1, 2, OREM Y - PERMITTED LIST - ()

CHERRY HILL 1, 2, 4 - PERMITTED LIST - ()

CROSSWINDS 1, WOLF H - PERMITTED LIST - ()

EDGEMONT 1, MEADOW W - PERMITTED LIST - ()

EDGEMONT 10, FOOTHIL - PERMITTED LIST - ()

EDGEMONT 5, 12, PLEA - PERMITTED LIST - ()

EDGEMONT 9, PROVO CA - PERMITTED LIST - ()

ELK RIDGE 1, 7, 11 & - PERMITTED LIST - ()

ELK RIDGE 2, 3, 4 - PERMITTED LIST - ()

FOOTHILLS, SALEM 6 - PERMITTED LIST - ()

FREEDOM 4, PROVO 6, - PERMITTED LIST - ()

GENEVA HEIGHTS 8, OR - PERMITTED LIST - ()

GRAND VIEW, MORGAN 1 - PERMITTED LIST - ()

GRANDVIEW 14, 15, 17 - PERMITTED LIST - ()

GRANDVIEW 2, 4, 20 - PERMITTED LIST - ()

GRANDVIEW 6, 10, 21 - PERMITTED LIST - ()

HEATHERIDGE 2, 3, 9 - PERMITTED LIST - ()

HILLCREST 1, 2, 3 & - PERMITTED LIST - ()

KOLOB YSA, PROVO CIT - PERMITTED LIST - ()

LAKERIDGE 1 (SP), 3, - PERMITTED LIST - ()

LELAND, SPANISH FORK - PERMITTED LIST - ()

LINDON 9, 11, 13 & - PERMITTED LIST - ()

LOA & - PERMITTED LIST - ()

MOUNT LOAFER, SALEM - PERMITTED LIST - ()

MOUNT NEBO, SPANISH - PERMITTED LIST - ()

NORTH PARK 2, 3, PIO - PERMITTED LIST - ()

NORTHRIDGE 3, 7, 13 - PERMITTED LIST - ()

OAK HILLS 2, 4, 8 (S - PERMITTED LIST - ()

OREM 1, 2, 9 (SMN) & - PERMITTED LIST - ()

OREM YSA 16, 25, PRO - PERMITTED LIST - ()

PARK 3, 5, SUNSET & - PERMITTED LIST - ()

PIONEER 2, 5 (SP), R - PERMITTED LIST - ()

PLEASANT VIEW 5, 8, - PERMITTED LIST - ()

PROVO MRD STDNT 1, 4 - PERMITTED LIST - ()

PROVO MRD STDNT 31, - PERMITTED LIST - ()

PROVO MRD STUDENT 18 - PERMITTED LIST - ()

PROVO PEAK 4, 8 (SP) - PERMITTED LIST - ()

PROVO UTAH YSA 11TH - PERMITTED LIST - ()

PROVO YSA 2, 6, 7, 9 - PERMITTED LIST - ()

RIVERVIEW & - PERMITTED LIST - ()

SHARON 5, 6, 8 & - PERMITTED LIST - ()

SHARON PARK 4, 8, 13 - PERMITTED LIST - ()

SPANISH FORK 11, 20 - PERMITTED LIST - ()

STONEWOOD 3, 4, 5 & - PERMITTED LIST - ()

SUNSET 2 (SP), 9, 11 - PERMITTED LIST - ()

SUNSET 3, 12 (TNGN) - PERMITTED LIST - ()

TIMPANOGOS PARK 1, 3 - PERMITTED LIST - ()

WINDSOR 2, 5, 6 & - PERMITTED LIST - ()

SES-REG-20181010-04382 E E190711 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration 10/10/2018 - 10/10/2033
Grant of Authority Date Effective: 07/28/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: GIG HARBOR, WOLLOCHE
LOCATION: 8002 Dorotich Street, GIG HARBOR, WA
47 ° 19 ' 52.20 " N LAT. 122 ° 35 ' 9.99 " W LONG.

ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HYLEBOS, JOVITA CREE
LOCATION: 34815 Weyerhaeuser Way South, FEDERAL WAY, WA
47 ° 17 ' 21.05 " N LAT. 122 ° 17 ' 33.32 " W LONG.

ANTENNA ID: 2 3.4 meters GENERAL DYNAMICS Satcomm1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BRIER, MOUNTLAKE
LOCATION: 22015 48th Ave West, MOUNTLAKE TERRACE, WA
47 ° 47 ' 55.25 " N LAT. 122 ° 17 ' 50.43 " W LONG.

ANTENNA ID: 3 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: HERITAGE PARK YSA, S
LOCATION: 13420 94th Avenue East, PUYALLUP, WA
47 ° 8 ' 3.87 " N LAT. 122 ° 18 ' 16.31 " W LONG.

ANTENNA ID: 4 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: MOUNT VERNON 1, 2, S
LOCATION: 1700 East Hazel Street, MT VERNON, WA
48 ° 24 ' 42.18 " N LAT. 122 ° 19 ' 11.61 " W LONG.

ANTENNA ID: 5 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ELLIOTT BAY, RAVENN
 LOCATION: 5701 8th Avenue Northeast, SEATTLE, WA
 47 ° 40 ' 12.39 " N LAT. 122 ° 19 ' 14.41 " W LONG.

ANTENNA ID: 6 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ELK PLAIN, GRAHAM 2
 LOCATION: 6901 224th Street East, SPANAWAY, WA
 47 ° 3 ' 13.18 " N LAT. 122 ° 20 ' 17.14 " W LONG.

ANTENNA ID: 7 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COWLITZ FALLS
 LOCATION: 102 Crumb Road, MORTON, WA
 46 ° 33 ' 18.34 " N LAT. 122 ° 18 ' 5.84 " W LONG.

ANTENNA ID: 8 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BURIEN, HIGHLINE (SM
 LOCATION: 14022 Ambaum Boulevard Southwest, SEATTLE, WA
 47 ° 28 ' 37.99 " N LAT. 122 ° 20 ' 49.62 " W LONG.

ANTENNA ID: 9 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: AURORA (SP), CARKEEK
 LOCATION: 102 N 132nd St, SEATTLE, WA
 47 ° 43 ' 30.90 " N LAT. 122 ° 21 ' 28.27 " W LONG.

ANTENNA ID: 10 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BROOKDALE, PARKLAND
 LOCATION: 11212 17th Avenue East, TACOMA, WA
 47 ° 9 ' 17.30 " N LAT. 122 ° 24 ' 26.73 " W LONG.

ANTENNA ID: 11 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: SOUTH WHIDBEY ISLAND
 LOCATION: 5425 Maxwelton Road, LANGLEY, WA
 48 ° 0 ' 48.21 " N LAT. 122 ° 24 ' 32.93 " W LONG.

ANTENNA ID:	12	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	CAMANO ISLAND, STANW			
LOCATION:	795 Ell Road, CAMANO ISLAND, WA			
	48 ° 14 ' 19.66 " N LAT.		122 ° 24 ' 35.42 " W LONG.	
ANTENNA ID:	13	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	VASHON			
LOCATION:	9330 Southwest 204th Street, VASHON, WA			
	47 ° 25 ' 20.67 " N LAT.		122 ° 27 ' 12.77 " W LONG.	
ANTENNA ID:	14	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	EVERSON, LYNDEN			
LOCATION:	503 Everson Road, EVERSON, WA			
	48 ° 54 ' 50.73 " N LAT.		122 ° 21 ' 17.80 " W LONG.	
ANTENNA ID:	15	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	FERN PRAIRIE, HARMON			
LOCATION:	18300 Northeast 18th Street, VANCOUVER, WA			
	45 ° 38 ' 10.46 " N LAT.		122 ° 29 ' 4.01 " W LONG.	
ANTENNA ID:	16	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	BELLINGHAM WA (WWSC)			
LOCATION:	90 Highland Drive, BELLINGHAM, WA			
	48 ° 44 ' 13.62 " N LAT.		122 ° 29 ' 20.62 " W LONG.	
ANTENNA ID:	17	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ALLENMORE (SM), COLL			
LOCATION:	1102 South Pearl Street, TACOMA, WA			
	47 ° 15 ' 2.54 " N LAT.		122 ° 31 ' 0.02 " W LONG.	
ANTENNA ID:	18	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: LAUREL, MOUNTAIN VIE
 LOCATION: 5800 Northwest Drive, FERNDALE, WA
 48 ° 51 ' 5.68 " N LAT. 122 ° 32 ' 25.82 " W LONG.

ANTENNA ID: 19 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BUENA VISTA (SP), CH
 LOCATION: 2455 South 78th Street, TACOMA, WA
 47 ° 11 ' 13.05 " N LAT. 122 ° 28 ' 10.22 " W LONG.

ANTENNA ID: 20 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: COLUMBIA HEIGHTS, MC
 LOCATION: 10509 Southeast 5th Street, VANCOUVER, WA
 45 ° 37 ' 3.58 " N LAT. 122 ° 33 ' 51.76 " W LONG.

ANTENNA ID: 21 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: DUPONT, STEILACOOM &
 LOCATION: 10018 Farwest Drive Southwest, LAKEWOOD, WA
 47 ° 9 ' 57.80 " N LAT. 122 ° 34 ' 28.54 " W LONG.

ANTENNA ID: 22 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CRESCENT VALLEY, OLA
 LOCATION: 12002 Peacock Hill Ave NW, GIG HARBOR, WA
 47 ° 22 ' 3.89 " N LAT. 122 ° 35 ' 24.50 " W LONG.

ANTENNA ID: 23 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PENINSULA YSA, SINCL
 LOCATION: 3877 Southeast Mullenix Road, PORT ORCHARD, WA
 47 ° 28 ' 7.31 " N LAT. 122 ° 36 ' 5.76 " W LONG.

ANTENNA ID: 24 3.4 meters GENERAL DYNAMICS Satcom 1344
 3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BATTLE GROUND 2, BRU
 LOCATION: 11101 Northeast 119th Street, VANCOUVER, WA
 45 ° 42 ' 26.50 " N LAT. 122 ° 33 ' 31.09 " W LONG.

ANTENNA ID:	25	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	BREMERTON, MANETTE			
LOCATION:	2225 Perry Avenue, BREMERTON, WA			
	47 ° 34 ' 49.83 " N LAT.		122 ° 36 ' 50.24 " W LONG.	
ANTENNA ID:	26	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	BLAINE, FERNDALE 1,			
LOCATION:	2550 Thornton Road, FERNDALE, WA			
	48 ° 51 ' 47.85 " N LAT.		122 ° 37 ' 7.45 " W LONG.	
ANTENNA ID:	27	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	ST JOHNS, VANCOUVER			
LOCATION:	9729 Northeast 50th Avenue, VANCOUVER, WA			
	45 ° 41 ' 31.66 " N LAT.		122 ° 37 ' 11.77 " W LONG.	
ANTENNA ID:	28	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	KINGSTON, POULSBO 1,			
LOCATION:	2138 Northeast Mesford Road, POULSBO, WA			
	47 ° 44 ' 15.22 " N LAT.		122 ° 37 ' 13.22 " W LONG.	
ANTENNA ID:	29	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	MCKENNA, YELM			
LOCATION:	10423 Clark Road Southeast, YELM, WA			
	46 ° 56 ' 8.46 " N LAT.		122 ° 36 ' 5.88 " W LONG.	
ANTENNA ID:	30	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	OAK HARBOR 1, 2, PEN			
LOCATION:	201 Northeast Oleary Street, OAK HARBOR, WA			
	48 ° 17 ' 58.09 " N LAT.		122 ° 38 ' 23.26 " W LONG.	
ANTENNA ID:	31	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: LA CENTER, PIONEER,
 LOCATION: 21720 NE 29th Ave, RIDGEFIELD, WA
 45 ° 46 ' 42.66 " N LAT. 122 ° 38 ' 30.12 " W LONG.

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

SITE ID: SILVERDALE 1, 2 &
 LOCATION: 9256 Nels Nelson Rd NW, SILVERDALE, WA
 47 ° 38 ' 45.22 " N LAT. 122 ° 39 ' 37.55 " W LONG.

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

SITE ID: PORT TOWNSEND
 LOCATION: 10104 Rhody Drive, CHIMACUM, WA
 48 ° 1 ' 16.33 " N LAT. 122 ° 46 ' 39.01 " W LONG.

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

SITE ID: MANCHESTER, ORCHARD
 LOCATION: 2648 Hoover Avenue Southeast, PORT ORCHARD, WA
 47 ° 31 ' 27.99 " N LAT. 122 ° 37 ' 41.51 " W LONG.

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

SITE ID: MOUNTAIN VIEW
 LOCATION: 122 Henriot Rd, TOLEDO, WA
 46 ° 28 ' 23.02 " N LAT. 122 ° 51 ' 53.46 " W LONG.

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

SITE ID: KALAMA, LONGVIEW (SP)
 LOCATION: 900 11th Avenue, LONGVIEW, WA
 46 ° 7 ' 48.26 " N LAT. 122 ° 56 ' 0.34 " W LONG.

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

SITE ID: CHEHALIS, PLEASANT V
 LOCATION: 2195 Jackson Highway, CHEHALIS, WA
 46 ° 38 ' 40.37 " N LAT. 122 ° 56 ' 2.31 " W LONG.

ANTENNA ID:	38	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	OLYMPIA 2, TUMWATER			
LOCATION:	600 Overhulse Road Northwest, OLYMPIA, WA			
	47 ° 2 ' 59.43 " N LAT.		122 ° 58 ' 13.15 " W LONG.	
ANTENNA ID:	39	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	LACEY 1, 2, 5, RAINI			
LOCATION:	1602 Ruddell Road Southeast, LACEY, WA			
	47 ° 1 ' 54.23 " N LAT.		122 ° 48 ' 59.12 " W LONG.	
ANTENNA ID:	40	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	BELFAIR			
LOCATION:	40 East Belwood Lane, ALLYN, WA			
	47 ° 24 ' 35.93 " N LAT.		122 ° 50 ' 21.61 " W LONG.	
ANTENNA ID:	41	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	FRIDAY HARBOR			
LOCATION:	1013 Lampard Road, FRIDAY HARBOR, WA			
	48 ° 31 ' 51.09 " N LAT.		123 ° 1 ' 50.56 " W LONG.	
ANTENNA ID:	42	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SCATTER CREEK			
LOCATION:	18501 Paulson St SW, ROCHESTER, WA			
	46 ° 49 ' 9.84 " N LAT.		123 ° 5 ' 10.24 " W LONG.	
ANTENNA ID:	43	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL
SITE ID:	SHELTON 1, 2			
LOCATION:	916 North 12th Street, SHELTON, WA			
	47 ° 13 ' 11.29 " N LAT.		123 ° 6 ' 42.98 " W LONG.	
ANTENNA ID:	44	3.4 meters	GENERAL DYNAMICS	Satcom 1344
	3700.0000 - 4200.0000 MHz		36M0G7W	NULL

SITE ID: DUNGENESS, SEQUIM BA
LOCATION: 815 West Washington Street, SEQUIM, WA
48 ° 4 ' 44.95 " N LAT. 123 ° 7 ' 17.97 " W LONG.

ANTENNA ID: 45 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: CENTRALIA
LOCATION: 2801 Mt Vista Ave, CENTRALIA, WA
46 ° 43 ' 31.78 " N LAT. 122 ° 59 ' 19.48 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: LINCOLN PARK, MT PLE
LOCATION: 591 Monroe Road, PORT ANGELES, WA
48 ° 5 ' 47.47 " N LAT. 123 ° 23 ' 9.75 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WINCHESTER &
LOCATION: 399 Apple Pie Ridge Road, WINCHESTER, VA
39 ° 12 ' 56.92 " N LAT. 78 ° 10 ' 41.94 " W LONG.

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

SITE ID: GRAYS HARBOR
LOCATION: 2735 Riverview Drive, ABERDEEN, WA
46 ° 59 ' 53.48 " N LAT. 123 ° 48 ' 46.73 " W LONG.

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

SITE ID: JOYCE
LOCATION: 51162 Hwy 112, JOYCE, WA
48 ° 8 ' 6.22 " N LAT. 123 ° 43 ' 52.93 " W LONG.

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

Points of Communication:

ALLENMORE (SM), COLL - PERMITTED LIST - ()

AURORA (SP), CARKEEK - PERMITTED LIST - ()

BATTLE GROUND 2, BRU - PERMITTED LIST - ()

BELFAIR - PERMITTED LIST - ()

BELLINGHAM WA (WWSC) - PERMITTED LIST - ()

BLAINE, FERNDAL 1, - PERMITTED LIST - ()

BREMERTON, MANETTE - PERMITTED LIST - ()

BRIER, MOUNTLAKE - PERMITTED LIST - ()

BROOKDALE, PARKLAND - PERMITTED LIST - ()

BUENA VISTA (SP), CH - PERMITTED LIST - ()

BURIEN, HIGHLINE (SM - PERMITTED LIST - ()

CAMANO ISLAND, STANW - PERMITTED LIST - ()

CENTRALIA - PERMITTED LIST - ()

CHEHALIS, PLEASANT V - PERMITTED LIST - ()

COLUMBIA HEIGHTS, MC - PERMITTED LIST - ()

COWLITZ FALLS - PERMITTED LIST - ()

CRESCENT VALLEY, OLA - PERMITTED LIST - ()

DUNGENESS, SEQUIM BA - PERMITTED LIST - ()

DUPONT, STEILACOOM & - PERMITTED LIST - ()

ELK PLAIN, GRAHAM 2 - PERMITTED LIST - ()

ELLIOTT BAY, RAVENN - PERMITTED LIST - ()

EVERSON, LYNDEN - PERMITTED LIST - ()

FERN PRAIRIE, HARMON - PERMITTED LIST - ()

FRIDAY HARBOR - PERMITTED LIST - ()

GIG HARBOR, WOLLOCHE - PERMITTED LIST - ()

GRAYS HARBOR - PERMITTED LIST - ()

HERITAGE PARK YSA, S - PERMITTED LIST - ()

HYLEBOS, JOVITA CREE - PERMITTED LIST - ()

JOYCE - PERMITTED LIST - ()

KALAMA, LONGVIEW (SP - PERMITTED LIST - ()

KINGSTON, POULSBOR 1, - PERMITTED LIST - ()

LA CENTER, PIONEER, - PERMITTED LIST - ()

LACEY 1, 2, 5, RAINI - PERMITTED LIST - ()

LAUREL, MOUNTAIN VIE - PERMITTED LIST - ()

LINCOLN PARK, MT PLE - PERMITTED LIST - ()

MANCHESTER, ORCHARD - PERMITTED LIST - ()

MCKENNA, YELM - PERMITTED LIST - ()

MOUNT VERNON 1, 2, S - PERMITTED LIST - ()

MOUNTAIN VIEW - PERMITTED LIST - ()

OAK HARBOR 1, 2, PEN - PERMITTED LIST - ()

OLYMPIA 2, TUMWATER - PERMITTED LIST - ()

PENINSULA YSA, SINCL - PERMITTED LIST - ()

PORT TOWNSEND - PERMITTED LIST - ()

SCATTER CREEK - PERMITTED LIST - ()

SHELTON 1, 2 - PERMITTED LIST - ()

SILVERDALE 1, 2 & - PERMITTED LIST - ()

SOUTH WHIDBEY ISLAND - PERMITTED LIST - ()

ST JOHNS, VANCOUVER - PERMITTED LIST - ()

VASHON - PERMITTED LIST - ()

WINCHESTER & - PERMITTED LIST - ()

SES-REG-20181015-05273 E E191645 Walco Enterprises LLC

Registration

10/15/2018 - 10/15/2033

Grant of Authority

Date Effective: 07/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 906 W Sam Allen Rd, Hillborough, Plant City, FL
28 ° 2 ' 54.00 " N LAT.

82 ° 8 ' 2.00 " W LONG.

ANTENNA ID: 1 3 meters Prodelin 3.0m TVRO

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-06816 E E201434 Vision Ministries Inc.

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 07/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Zero Street Location

LOCATION: 6420 South Zero St., Sebastian, Fort Smith, AR

35 ° 19 ' 34.30 " N LAT.

94 ° 21 ' 46.80 " W LONG.

ANTENNA ID: 1 4.5 meters

3700.0000 - 4200.0000 MHz

Points of Communication:

Zero Street Location - PERMITTED LIST - ()

SES-REG-20181017-06867 E E201481 Eagle Lake Cable TV

Registration

10/17/2018 - 10/17/2033

Grant of Authority

Date Effective: 07/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: Mermaid Mall, Covington Township, PA

41 ° 16 ' 30.00 " N LAT.

75 ° 28 ' 33.00 " W LONG.

ANTENNA ID: 1 2.4 meters

3700.0000 - 4200.0000 MHz

ANTENNA ID: 2 3.7 meters

3770.0000 - 4200.0000 MHz

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181018-07112 E E201713 RADIO CATHOLIC

Registration

10/18/2018 - 10/18/2033

Grant of Authority

Date Effective: 07/24/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KOLS-LP SAT
LOCATION: 44483 Three Springs Road, Madera, Oakhurst, CA
37 ° 23 ' 45.00 " N LAT. 119 ° 37 ' 8.00 " W LONG.

ANTENNA ID: Micro-10 3 meters National Microtech 502225
3790.0000 - 3808.0000 MHz 16M0G7W Galaxy15 133 WL Transponder 5,
3790.075 MHZ Horizontal

Points of Communication:

KOLS-LP SAT - PERMITTED LIST - ()

SES-RWL-20200715-00768 E E050146 Nexstar Broadcasting, Inc.
Renewal 05/23/2020 - 05/23/2035
Grant of Authority Date Effective: 07/22/2020

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 800 MARYWOOD DRIVE (WEHT), HENDERSON, HENDERSON, KY
37 ° 51 ' 57.00 " N LAT. 87 ° 34 ' 4.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORP. ESA-45
3700.0000 - 4200.0000 MHz 36M0G7F COMPRESSED DIGITAL VIDEO
3700.0000 - 4200.0000 MHz 36M0F3F STANDARD VIDEO WITH
ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200715-00769 E E050110 Nexstar Broadcasting, Inc.
Renewal 05/23/2020 - 05/23/2035
Grant of Authority Date Effective: 07/24/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 120 COLLEGE AVENUE, S.E., KENT, GRAND RAPIDS, MI

ANTENNA ID: 1 1.2 meters Avl 1200 US DSNG
14000.0000 - 14500.0000 MHz 24M0G7F 62.24 dBW PSK Digital Video w/digital audio/data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200715-00771 E E050143 Orbital Media Networks, Inc.

Renewal

08/30/2020 - 08/30/2035

Grant of Authority

Date Effective: 07/27/2020

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: CCSS INV 6.1A

LOCATION: 76 INVERNESS DR. EAST, STE.C 6.1M. HUB, ARAPAHOE, ENGLEWOOD, CO

39 ° 34 ' 47.00 " N LAT.

104 ° 51 ' 35.00 " W LONG.

ANTENNA ID:	INV 6.1	6.1 meters	VIASAT 8060	8060
	14000.0000 - 14500.0000 MHz	3M80G7D	59.00 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	7M60G7D	60.00 dBW	QPSK, Data
	11700.0000 - 12200.0000 MHz	1M50G7D	0.00 dBW	QPSK, Data
	11700.0000 - 12200.0000 MHz	3M80G7D	0.00 dBW	QPSK, Data
	11700.0000 - 12200.0000 MHz	5M50G7D		QPSK, DATA

SITE ID: TT09612 .96M

LOCATION: VSAT .96M., CONUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TT09612 .9	0.96 meters	AVL TECHNOLOGIES	960 AVSAT
	14000.0000 - 14500.0000 MHz	3M80G7D	52.50 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz	5M50G7D	54.00 dBW	QPSK, DATA
	11700.0000 - 12200.0000 MHz	7M60G7D	0.00 dBW	QPSK, Data

SITE ID: TT0753 .75M

LOCATION: VSAT .75M., CONUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TT0753 .7	0.75 meters	AVL TECHNOLOGIES	750 IMOVSAT
	14000.0000 - 14500.0000 MHz	1M50G7D	45.00 dBW	QPSK, Data
	11700.0000 - 12200.0000 MHz	3M80G7D	0.00 dBW	QPSK, Data
	11700.0000 - 12200.0000 MHz	7M60G7D		QPSK, DATA

SITE ID: TT0.9816

LOCATION: VSAT .98M., CONUS

ANTENNA ID:	TT0.9816	0.98 meters	PRODELIN	1984
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14000.0000 - 14500.0000 MHz	3M80G1D	53.00 dBW	QPSK
11700.0000 - 12200.0000 MHz	4M60G1D		QPSK
SITE ID:	TT1016R		
LOCATION:	VSAT, 1.0M., CONUS		
ANTENNA ID:	TT1016R	1 meters	PATRIOT
			TXINT-100KU
14000.0000 - 14500.0000 MHz	500KG7W	46.50 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M00G7W	49.50 dBW	QPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M00G7W		QPSK, DVB-S1 DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	10M0G7W		QPSK, DVB-S2 DIGITAL CARRIER
SITE ID:	TT1240DR		
LOCATION:	VSAT 1.2M. DR, CONUS		
ANTENNA ID:	TT1240DR	1.2 meters	PRODELIN/DR
			1132
14000.0000 - 14500.0000 MHz	2M00G7W	52.50 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M00G7W	49.50 dBW	QPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M00G7W		QPSK, DVB-S1 DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	10M0G7W		QPSK, DVB-S2 DIGITAL CARRIER
SITE ID:	TT1240TV		
LOCATION:	VSAT 1.2M. TV, CONUS		
ANTENNA ID:	TT1240TV	1.2 meters	PRODELIN/TV
			1132
14000.0000 - 14500.0000 MHz	520KG7W	45.00 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	4M60G7W	55.00 dBW	QPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	5M60G7W	55.50 dBW	QPSK
11700.0000 - 12200.0000 MHz	6M00G7W		QPSK, DVB-S1 DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	10M0G7W		QPSK, DVB-S2 DIGITAL CARRIER
SITE ID:	TTRVN_9808		
LOCATION:	VSAT .98M., CONUS		
ANTENNA ID:	TTRVN9808	0.98 meters	RAVEN
			GKU98
14000.0000 - 14500.0000 MHz	1M00G1D	45.76 dBW	QPSK

11700.0000 - 12200.0000 MHz	1M00G1D		QPSK
SITE ID: TTCM1_850DR			
LOCATION: VSAT 1.8M., CONUS			
ANTENNA ID: TTCMI850D	1.8 meters	CHANNEL MASTER	TYPE 183
14000.0000 - 14500.0000 MHz	10M0G1D	56.29 dBW	QPSK
11700.0000 - 12200.0000 MHz	10M0G1D		QPSK
SITE ID: TT2_4X100			
LOCATION: 2.4M, CONUS			
ANTENNA ID: TT2_4X100	2.4 meters	SUMAN	SM-T2.4R
14000.0000 - 14500.0000 MHz	186KG1D	50.38 dBW	QPSK
14000.0000 - 14500.0000 MHz	400KG1D	53.34 dBW	QPSK
14000.0000 - 14500.0000 MHz	930KG7W	57.36 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK
SITE ID: CM2_4X100			
LOCATION: 2.4M, CONUS			
39 ° 34 ' 49.00 " N LAT.		104 ° 51 ' 35.00 " W LONG.	
ANTENNA ID: CM2_4X100	2.4 meters	CHANNEL MASTER	TYPE 243
14000.0000 - 14500.0000 MHz	186KG1D	50.68 dBW	QPSK
14000.0000 - 14500.0000 MHz	400KG1D	54.50 dBW	QPSK
14000.0000 - 14500.0000 MHz	930KG7W	57.66 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK
SITE ID: SMN3_7X150			
LOCATION: 76 INVERNESS DRIVE EAST, SUITE C, ARAPAHOE, ENGELWOOD, CO			
39 ° 34 ' 47.00 " N LAT.		104 ° 51 ' 35.00 " W LONG.	
ANTENNA ID: SMN3_7150	3.7 meters	SUMAN	SM-T3.7R
14000.0000 - 14500.0000 MHz	186KG1D	53.68 dBW	QPSK
14000.0000 - 14500.0000 MHz	930KG7W	60.66 dBW	QPSK
14000.0000 - 14500.0000 MHz	400KG1D	56.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK

SITE ID: SCM1_8X2_4
LOCATION: 76 INVERNESS DRIVE EAST SUITE C, ARAPAHOE, ENGLEWOOD, CO
39 ° 34 ' 49.00 " N LAT. 104 ° 51 ' 35.00 " W LONG.

ANTENNA ID: SCM18050 1.8 meters CHANNEL MASTER T83 TX/RX

14000.0000 - 14500.0000 MHz 186KG1D 48.18 dBW QPSK

14000.0000 - 14500.0000 MHz 400KG1D 51.48 dBW QPSK

14000.0000 - 14500.0000 MHz 930KG7W 55.16 dBW QPSK

ANTENNA ID: SCM2_4100 2.4 meters CHANNEL MASTER TYPE 243

14000.0000 - 14500.0000 MHz 186KG1D 50.68 dBW QPSK

14000.0000 - 14500.0000 MHz 400KG1D 53.64 dBW QPSK

14000.0000 - 14500.0000 MHz 930KG7W 57.66 dBW QPSK

SITE ID: TT3_7X150
LOCATION: (3.7M 15 UNITS) CONUS

ANTENNA ID: TT37150 3.7 meters SUMAN SM-T3.7R

14000.0000 - 14500.0000 MHz 186KG1D 53.68 dBW QPSK

14000.0000 - 14500.0000 MHz 10M0G7W 71.00 dBW QPSK

14000.0000 - 14500.0000 MHz 930KG7W 60.66 dBW QPSK, QPSK DVB-S

11700.0000 - 12200.0000 MHz 10M0G7W QPSK, QPSK DVG-S

11700.0000 - 12200.0000 MHz 186KG1D QPSK QPSK DVG-S

SITE ID: TTAVL.852
LOCATION: VSAT .85M, CONUS

ANTENNA ID: TTAVL.852 0.85 meters AVL 890K MVSAT

14000.0000 - 14500.0000 MHz 1M29G7W 42.07 dBW QPSK

14000.0000 - 14500.0000 MHz 1M29G7W QPSK

Points of Communication:

CCSS INV 6.1A - PERMITTED LIST - ()

CM2_4X100 - PERMITTED LIST - ()

SCM1_8X2_4 - PERMITTED LIST - ()

SMN3_7X150 - PERMITTED LIST - ()

TTRVN_9808 - PERMITTED LIST - ()

Date Effective: 07/23/2020

Nature of Service: Domestic Fixed Satellite Service

96 ° 1 ' 34.00 " W LONG.

3700.0000 - 4200.0000 MHz 36000F9

1 - PERMITTED LIST - ()

Date Effective: 07/24/2020

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Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Broadway & Cherry Avenue, Potter, Amarillo, TX
35 ° 17 ' 33.20 " N LAT.

101 ° 50 ' 51.70 " W LONG.

ANTENNA ID:	1	4.6 meters	Andrew Corporation	ESA46-124
14000.0000 - 14500.0000 MHz	36M0G7F	80.90 dBW	Digital Video and Audio	
14000.0000 - 14500.0000 MHz	36M0F3F	81.40 dBW	Analog Video with Associated Audio Subcarriers	
11700.0000 - 12200.0000 MHz	36M0G7F		Digital Audio and Video	
11700.0000 - 12200.0000 MHz	36M0F3F		Analog Video with Associated Audio Subcarriers	

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200720-00767 E E950344 Scripps Broadcasting Holdings LLC

Renewal

08/11/2020 - 08/11/2035

Grant of Authority

Date Effective: 07/24/2020

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 515 NORTH 44TH STREET, (KNXV-TV) PHOENIX, MARACOPA, AZ 85008, VARIOUS

ANTENNA ID:	1	2.4 meters	ANDREW	ESA24VSM-KU
14000.0000 - 14500.0000 MHz	36M0F3F	76.40 dBW		
14000.0000 - 14500.0000 MHz	64K0G7E	42.60 dBW		
14000.0000 - 14500.0000 MHz	26K0F3E	38.70 dBW		
14000.0000 - 14500.0000 MHz	18M0F3F-	72.40 dBW	WIDEBAND 36MHZ CARRIER FOR ANALOG VIDEO	
14000.0000 - 14500.0000 MHz	36M0F3F	76.40 dBW	TRANSMISSIONS (MAXIMUM)	
14000.0000 - 14500.0000 MHz	2M00G7W-	58.50 dBW	ONE MBIT MCPC DIGITAL CARRIER FOR	
14000.0000 - 14500.0000 MHz	45M0G7W	72.00 dBW	VIDEO/AUDIO/DATA	
14000.0000 - 14500.0000 MHz	26K0F3E	38.70 dBW	FOUR 26 KHZ CARRIERS FOR AUDIO (SCPC)	

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200720-00773 E E950285 Scripps Broadcasting Holdings LLC

Renewal

08/11/2020 - 08/11/2035

Grant of Authority

Date Effective: 07/24/2020

Class of Station: Temporary Fixed Earth Station**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 6400 YORK ROAD, (WMAR), VARIOUS

ANTENNA ID: 1 2.4 meters ANDREW ESA24VSM

14000.0000 - 14500.0000 MHz 36M0F3F 76.40 dBW

14000.0000 - 14500.0000 MHz 64K0G7E 42.60 dBW

14000.0000 - 14500.0000 MHz 26K0F3F 38.70 dBW

14000.0000 - 14500.0000 MHz 18M0F3F- 72.40 dBW WIDEBAND 36MHz CARRIER FOR ANALOG VIDEO

14000.0000 - 14500.0000 MHz 36M0F3F 76.40 dBW TRANSMISSIONS (MAXIMUM)

14000.0000 - 14500.0000 MHz 2M0G7W- 58.50 dBW ONE MBIT MCPC DIGITAL CARRIER FOR

14000.0000 - 14500.0000 MHz 45M0G7W 72.00 dBW VIDEO/AUDIO/DATA

14000.0000 - 14500.0000 MHz 26K0F3E 38.70 dBW FOUR 26 KHz CARRIERS FOR AUDIO (SCPC)

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200723-00791 E E050224 CBS Communications Services Inc.

Renewal

09/06/2020 - 09/06/2035

Grant of Authority

Date Effective: 07/24/2020

Class of Station: Temporary Fixed Earth Station**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 513 W 57ND STREET(WCBS-TV) NEW YORK, NY 10019, VARIOUS

ANTENNA ID: 1 1.4 meters AVL TECHNOLOGIES 1410K

14000.0000 - 14500.0000 MHz	36M0G7W	67.51 dBW	MCPC DIGITAL CARRIER FOR VIDEO/AUDIO/DATA
11700.0000 - 12200.0000 MHz	36M0G7W		NONE

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200724-00796 E E050252 SES Government Solutions, Inc.
Renewal 10/19/2020 - 10/19/2035
Grant of Authority Date Effective: 07/27/2020

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4231 Suitland Road, Prince Georges, Suitland, MD
38 ° 51 ' 6.60 " N LAT. 76 ° 56 ' 12.70 " W LONG.

ANTENNA ID: 6.3m.C-ban 6.3 meters Vertex RSI KXC-120

6332.0000 - 6425.0000 MHz 36M0G7W 76.70 dBW DIGITAL

6224.0000 - 6299.0000 MHz 36M0G7W 76.70 dBW DIGITAL

5925.0000 - 6181.0000 MHz 36M0G7W 76.70 dBW DIGITAL

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

ANTENNA ID: 2.4m.Ku 2.4 meters Prodelin 1251-350

14000.0000 - 14500.0000 MHz 36M0G7W 69.20 dBW DIGITAL

11700.0000 - 12200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20200727-00802 E E950267 Intelsat License LLC, as debtor-in-possession
Renewal 09/08/2020 - 09/08/2035
Grant of Authority Date Effective: 07/28/2020

Class of Station: Fixed Earth Stations

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

SITE ID: 1
LOCATION: 961 Anselmo Court, NAPA, CA
38 ° 14 ' 41.00 " N LAT. 122 ° 16 ' 46.00 " W LONG.

ANTENNA ID: 1 7.2 meters VERTEX 7.2 KPC

Points of Communication:

SES–STA–20200702–00690 E E202123 SpaceX Services, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 07/27/2020

Class of Station:

On July 27, 2020, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning July 27, 2020, to operate its gateway earth stations located in Roll, AZ, and Prosser, WA to communicate with the Starlink non-geostationary orbit (NGSO) satellite system to test its gateway earth stations to confirm their operational status and to evaluate the overall performance of the Starlink network in the 28.6-29.1 GHz and 29.5-30.0 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20200706–00712 E E040125 Intelsat License LLC, as debtor-in-possession

Special Temporary Authority

Grant of Authority

Date Effective: 07/24/2020

Class of Station:

On July 24, 2020, Intelsat License LLC, as debtor-in-possession was granted special temporary authority for 30 days, beginning July 28, 2020, to operate its fixed-satellite C-band earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the MEV-2 (S3059) satellite. The MEV-2 LEOP operations will be performed on the following frequencies: 5924.0 MHz, 5925.2 MHz, 6170.0 MHz, 6180.0 MHz, and 6424.0 MHz (Earth-to-space); and 3701.0 MHz, 3944.5 MHz, 3955.5 MHz, and 4199.8 MHz (space-to-Earth). MEV-2 satellite scheduled to launch on July 28, 2020. The final orbital location for the MEV-2 (S3059) will be at 1.0° W.L.

Points of Communication:

SES–STA–20200706–00713 E E000296 Intelsat License LLC, as debtor-in-possession

Special Temporary Authority

Grant of Authority

Date Effective: 07/23/2020

Class of Station:

On July 23, 2020, Intelsat License LLC, as debtor in possession was granted special temporary authority for 30 days, beginning July 28, 2020, to operate its fixed C-band earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the MEV-2 (S3059) satellite. The MEV-2 LEOP operations will be performed on the following frequencies: 5924.0 MHz, 5925.2 MHz, 6170.0 MHz, 6180.0 MHz, and 6424.0 MHz (Earth-to-space); and 3701.0 MHz, 3944.5 MHz, 3955.5 MHz, and 4199.8 MHz (space-to-Earth). MEV-2 satellite scheduled to launch on July 28, 2020. The final orbital location for the MEV-2 (S3059) will be at 1.0° W.L.

Points of Communication:

SES–STA–20200706–00714 E KA275 Intelsat License LLC, as debtor-in-possession

Special Temporary Authority

Grant of Authority

Date Effective: 07/24/2020

Class of Station:

On July 24, 2020, Intelsat License LLC, as debtor-in possession was granted special temporary authority for 30 days, beginning July 28, 2020, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services and conduct In-Orbit Testing (IOT) for the Galaxy 30 (S3016) satellite as it drifts to its final orbital location at 125.0° W.L. in the 6421.75 MHz and 6424.25 MHz (Earth-to-space), and 4197.5 MHz and 4198.5 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20200706-00715 E KA258 Intelsat License LLC, as debtor-in-possession

Special Temporary Authority

Grant of Authority

Date Effective: 07/24/2020

Class of Station:

On July 24, 2020, Intelsat License LLC, as debtor in possession, was granted special temporary authority for 30 days, beginning July 28, 2020, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the BSAT-4b satellite. The LEOP operations will be performed on center frequencies: 17300.8 MHz, 17303.6 MHz, and 17305.0 MHz (Earth-to-space), and 11704.3 MHz, 11705.7 MHz, and 11708.5 MHz (space to earth). BSAT-4b satellite scheduled to launch on July 28, 2020.

Points of Communication:

SES-STA-20200708-00725 E E050318 Viasat, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 07/27/2020

Class of Station:

On July 27, 2020, ViaSat, Inc. was granted special temporary authority for 60 days, beginning July 27, 2020, to continue testing, evaluation, and customer services during long-haul, international routes outside of CONUS using five (5) earth station aboard aircraft KuKarray terminals in the 14000-14500 MHz (Earth-to-space) and 11450-12200 MHz (space-to-Earth) frequency bands with the SES-10 (S2950) satellite at the 67° W.L. orbital location over the Pacific Ocean Region, Alaska, and Hawaii, and with the Eutelsat 174A (S2610) satellite at 174° W.L. orbital location when aircrafts are over the Gulf of Mexico, Latin America, and Caribbean regions.

Points of Communication:**Dismissal**

SES-STA-20181017-03285 E020283 GCI Communication Corp.

Dismissed at applicant's request on 7/24/2020

SES-STA-20200528-00581 E190068 Hawaii Pacific Teleport, L.P.

Application dismissed. See IBFS File No. SES-LIC-20190222-00179 granted on 6/26/2020.

INFORMATIVE

SES-REG-20180910-10717 E202109 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10718 E202013 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10738 E202033 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10751 E202062 Buford Satellite Systems. L.P.

INFORMATIVE

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10754 E202065 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10790 E202079 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10793 E202076 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10802 E202045 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10806 E202039 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10808 E202037 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180910-10810 E202012 Buford Satellite Systems. L.P.

This application has been closed with no action.

Applicant attempted to withdraw their application, but encountered technical difficulties. The International Bureau took the action "Returned No Action" on this application on their behalf.

SES-REG-20180914-04457 E190798 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Duplicate antennas and their related data have been removed from this current authorization at the registrant's request.

SES-REG-20180918-04356 E190685 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Duplicate antennas and their related data have been removed from this current authorization at the registrant's request.

SES-REG-20181010-05420 E200125 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Duplicate antennas and their related data have been removed from this current authorization at the registrant's request.

SES-REG-20181015-04379 E190708 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Duplicate antennas and their related data have been removed from this current authorization at the registrant's request.

SES-REG-20181016-05703 E200392 The Board of Trustees of The University of Alabama

INFORMATIVE

Applicant name has been updated

From: The Board of Trustees of The University of Alabama for The University of Alabama at Birmingham
To: The Board of Trustees of The University of Alabama

SES-REG-20181016-06151 E200839 The Board of Trustees of The University of Alabama

Applicant name has been updated

From: The Board of Trustees of The University of Alabama for The University of Alabama at Birmingham
To: The Board of Trustees of The University of Alabama

SES-REG-20181016-06160 E200848 The Board of Trustees of The University of Alabama

Applicant name has been updated

From: The Board of Trustees of The University of Alabama for The University of Alabama at Birmingham
To: The Board of Trustees of The University of Alabama

SES-REG-20181016-06174 E200862 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day

Duplicate antennas and their related data have been removed from this current authorization at the registrant's request.

SES-REG-20181016-06221 E200908 The Board of Trustees of The University of Alabama

Applicant name has been updated

From: The Board of Trustees of The University of Alabama for The University of Alabama at Birmingham
To: The Board of Trustees of The University of Alabama

SURRENDER

SES-LIC-20160714-00658 E160136 SES Government Solutions, Inc.

License surrendered by letter filed on July 23, 2020.

SES-REG-20180723-02565 E181630 Rocky Mountain Public Media, Inc.

License surrendered by letter filed on July 24, 2020.

SES-REG-20181017-06470 E201113 Giggle Fiber LLC

License surrendered by letter filed on July 21, 2020.

SES-RWL-20050804-01048 E9115 MCC Iowa LLC

License surrendered by letter filed on July 24, 2020.

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