PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

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Report No. SES-02538 **Wednesday February 1, 2023**

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-ASG-20221027-01237 E E980085 Gray Television Licensee, LLC
Application for Consent to Assignment
Consummated Date Effective: 01/26/2023

Current Licensee: Meredith Corporation - WOFL
FROM: MEREDITH CORPORATION
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-ASG-20221128-01569 E E180990 Gray Television Licensee, LLC
Application for Consent to Assignment
Consummated Date Effective: 01/26/2023

Current Licensee: Elliott B. Block WBQC Amended and Restated Trust
FROM: ELLIOTT B. BLOCK WBQC AMENDED AND RESTART TRUST
TO: Gray Television Licensee, LLC

No. of Station(s) listed: 1

SES-MFS-20200521-00554 E E890649 Comsat, Inc.
Modification 07/14/2009 - 07/14/2024
Grant of Authority Date Effective: 01/31/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: STLl5009
LOCATION: 1.2 M. STLl5009, (500 UNITS)

ANTENNA ID: STl5009 1.2 meters SEATEL 5009

14000.0000 - 14500.0000 MHz 194KG7W 45.90 dBW DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	222KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG7W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG7W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG7W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG7W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G1W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG1W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	417KG1W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG1W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG1W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG1W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG1W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG1W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG1W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: SAPA15KU

LOCATION: 7676 PINE GROVE ROAD (14.2M.TIW), VENTURA, SANTA PAULA, CA

34 ° 24 ' 6.96 " N LAT. 119 ° 4 ' 21.25 " W LONG.

ANTENNA ID: SAPA15KU 14.2 meters TIW 14.2 M

13799.0000 - 14500.0000 MHz	72M0F7W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation

13779.0000 - 14500.0000 MHz	72M0F1W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13779.0000 - 14500.0000 MHz	72M0D1W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0D1W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13779.0000 - 14500.0000 MHz	72M0D7W	81.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0D7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0F7W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0F1W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0D7W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 14500.0000 MHz	32K0D1W	68.60 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0F1W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0D7W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
13750.0000 - 13806.0000 MHz	56M0D1W	69.90 dBW	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0F7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0F1W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0D7W		Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	72M0D1W		Digital Traffic Using Phase and Amplitude Modulation

11450.0000 - 12200.0000 MHz	32K0F7W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0F1W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D7W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0F7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0F1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0D7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	72M0D1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0F7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0F1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0D7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0D1W	Digital Traffic Using Phase and Amplitude Modulation

SITE ID: STL4003A
LOCATION: 1.0 M. STL4003A, (500 UNITS)

ANTENNA ID: STL4003A 1 meters SEATEL 4003A

14000.0000 - 14500.0000 MHz	44K8G1W	34.60 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.50 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.70 dBW	SCPC DIGITAL USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M36G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	219KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	45.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	48.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	38.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL6006
LOCATION: 1.5 M. STL6006, (500 UNITS)

ANTENNA ID: STL6006 1.5 meters SEATEL 6006

14000.0000 - 14500.0000 MHz	97K0G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	44.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	51.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	49.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	194KG7W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL4006
LOCATION: 1.0 M. STL4006, (250 UNITS)

ANTENNA ID: STL4006 1 meters SEATEL 4006

14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	717KG1W	46.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	42.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	38.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	2M60G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL4009/10
LOCATION: 1.0 M. STL4009/10, (500 UNITS)

ANTENNA ID: STL4009/10 1 meters SEA TEL 4009/4010

14000.0000 - 14500.0000 MHz	89K6G1W	37.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	46.80 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	38.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	48.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	46.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	485KG7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	42.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	IM55G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	41.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL5010
LOCATION: 1.2 M. STL5010, (500 UNITS)

ANTENNA ID: STL5010 1.2 meters SEA TEL 5010

14000.0000 - 14500.0000 MHz	97K0G7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G1W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	41.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG7W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	518KG1W	50.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG7W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	417KG1W	49.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG1W	48.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	345KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	345KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG7W	47.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	296KG1W	47.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG1W	47.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG7W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	263KG1W	47.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	222KG1W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG1W	45.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL6009
LOCATION: 1.5 M. STL6009, (500 UNITS)

ANTENNA ID: STl6009 1.5 meters SEA TEL 6009

14000.0000 - 14500.0000 MHz	97K0G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	44.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	44.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	51.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	51.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	49.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	53.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	2M35G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTLV110
LOCATION: 1.05 M. INTLV110, (500 UNITS)

ANTENNA ID: INTLV110 1.05 meters INTELLIAN V110

14000.0000 - 14500.0000 MHz	97K0G7W	39.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	49.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	47.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	37.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	582KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL4996T
LOCATION: 1.2 M. STL4996T, (50 UNITS)

ANTENNA ID: STL4996T 1.2 meters SEATEL 4996T

14000.0000 - 14500.0000 MHz	1M43G1W	51.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.10 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.10 dBW	SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K5G1W		SCPC USING QPSK AND BPSK MODULATION

SITE ID: INTLV80G
LOCATION: 0.83 M. INTLV80G, (500 UNITS)

ANTENNA ID: INTLV80G 0.83 meters INTELLIAN V80G

14000.0000 - 14500.0000 MHz	97K0G7W	33.17 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	89K6G1W	32.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	32.47 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	41.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	39.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	39.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	39.27 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	38.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	36.27 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	35.17 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL30/3011
LOCATION: 0.75 M. STL30/3011, (500 UNITS)

ANTENNA ID: STL30/3011 0.75 meters SEA TEL usat-30/3011

14000.0000 - 14500.0000 MHz	768KG7W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	768KG1W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG7W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG1W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G7W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G1W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G1W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G1W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G7W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G1W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG7W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG1W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M79G7W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G1W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G7W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G1W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G7W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G1W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G7W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G1W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG7W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG1W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: T&TSAIL900
LOCATION: 1.0 M. T&TSAIL900, (500 UNITS)

ANTENNA ID: T&TSAIL900 1 meters THRANE & THRANE TT-7090A

14000.0000 - 14500.0000 MHz	97K0G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	51.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	41.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	2M35G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: STL9797
LOCATION: 2.4 M. STL9797, (500 UNITS)

ANTENNA ID: STL9797 2.4 meters SEA TEL 9797

14000.0000 - 14500.0000 MHz	97K0G7W	48.25 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	47.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	47.55 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	56.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	54.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	54.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	54.35 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	2M77G1W	62.85 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	62.15 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	53.05 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M43G1W	59.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	51.35 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	50.25 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M77G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	2M77G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTLV60G
LOCATION: 0.6 M. INTLV60G, (500 UNITS)

ANTENNA ID: INTLV60G 0.6 meters INTELLIAN V60G

14000.0000 - 14500.0000 MHz	97K0G7W	29.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	29.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	28.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	38.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	36.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	36.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	34.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	32.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	31.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: SAPA41KU

LOCATION: 7676 PINE GROVE (7.3M GD7.3MKu), VENTURE, SANTA PAULA, CA

34 ° 24 ' 9.59 " N LAT. 119 ° 4 ' 22.68 " W LONG.

ANTENNA ID: SAPA41KU 7.3 meters GENERAL DYNAMICS GD7.3MKU

14000.0000 - 14500.0000 MHz	54M0F7W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	54M0F1W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	54M0D7W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	54M0D1W	54.80 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0F7W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0F1W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0D7W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
14000.0000 - 14500.0000 MHz	32K0D1W	45.20 dBW	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	54M0F7W	0.00 dBW	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	54M0D7W		Digital Traffic Using Phase and Amplitude Modulation

11450.0000 - 12200.0000 MHz	54M0D1W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0F7W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0F1W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0F7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0F1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0D1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0F7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0F1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0D7W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	32K0D1W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	54M0F1W	Digital Traffic Using Phase and Amplitude Modulation
11450.0000 - 12200.0000 MHz	32K0D1W	Digital Traffic Using Phase and Amplitude Modulation
10950.0000 - 11200.0000 MHz	54M0D7W	Digital Traffic Using Phase and Amplitude Modulation

Points of Communication:

INTLV110 - PERMITTED LIST - ()

INTLV60G - PERMITTED LIST - ()

INTLV80G - PERMITTED LIST - ()

SAPA15KU - EUTELSAT133WA(S3031) - (132.85)

SAPA15KU - EUTELSAT172B(S3021) - (172 E.L.)

SAPA15KU - EUTELSAT174A(S2610) - (174 E. L.)

SAPA15KU - PERMITTED LIST - ()

SAPA15KU - SES-11 (S2964) - (104.95 W.L)

SAPA41KU - EUTELSAT133WA(S3031) - (132.85)

SAPA41KU - EUTELSAT172B(S3021) - (172 E.L.)

SAPA41KU - EUTELSAT174A(S2610) - (174 E. L.)

SAPA41KU - PERMITTED LIST - ()

SAPA41KU - SES-11 (S2964) - (104.95 W.L)

STL30/3011 - PERMITTED LIST - ()

STL4003A - EUTELSAT174A(S2610) - (174 E. L.)

STL4003A - PERMITTED LIST - ()

STL4006 - PERMITTED LIST - ()

STL4009/10 - PERMITTED LIST - ()

STL4996T - PERMITTED LIST - ()

STL5010 - PERMITTED LIST - ()

STL6006 - EUTELSAT174A(S2610) - (174 E. L.)

STL6006 - PERMITTED LIST - ()

STL6009 - PERMITTED LIST - ()

STL9797 - PERMITTED LIST - ()

STLl5009 - PERMITTED LIST - ()

T&TSAIL900 - PERMITTED LIST - ()

SES-MOD-20210208-00271 E E181719 Comcast Cable Communications Management, LLC
Application for Modification 07/21/2018 - 07/21/2033
Grant of Authority Date Effective: 02/16/2021

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Pursuant to a request from Comcast Cable Communications Management, LLC, Ant ID 3.7M.G2D has been removed from this registration.

SITE ID: 1
LOCATION: 100 Bohannon Road, Coweta, Grantville, GA
33 ° 14 ' 7.80 " N LAT. 84 ° 50 ' 29.20 " W LONG.

ANTENNA ID: 4.8M. SA 4.8 meters SCIENTIFIC-ATLANTA 4.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2.4M. GD1 2.4 meters GD 2.4 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3.8M.PAT 3.8 meters Patriot 3.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4.2M. DHS 4.2 meters DH Satellite 4.2 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180921-04528 E E190879 Comcast Cable Communications Management, LLC
Registration 09/13/2018 - 09/13/2033
Grant of Authority Date Effective: 12/17/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Pursuant to a request from Comcast Cable Communications Management, LLC, Ant ID 3 has been removed from this registration.

SITE ID: 1
LOCATION: 7235 West Titan Road, Douglas, Littleton, CO
39 ° 30 ' 52.00 " N LAT. 105 ° 1 ' 30.00 " W LONG.

ANTENNA ID: 1 9.1 meters Andrews 9.1M 4 Port

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 7.3 meters Andrew ES76K-1

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4 7.3 meters Viasat 8010D

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 5 4.5 meters Viking VS-SSE45FAE

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 2
LOCATION: 4100 East Dry Creek Road, Douglas, Littleton, CO
39 ° 34 ' 45.00 " N LAT. 104 ° 56 ' 17.00 " W LONG.

ANTENNA ID: 6 4.5 meters Patriot 4.5M Prime

3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 7	6.1 meters	Scientific Atlanta	8060
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier
ANTENNA ID: 8	7.3 meters	Viasat	8010D
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-RWL-20190205-00060 E E040075 UNIVERSITY OF MASSACHUSETTS - AMHERST
Renewal 02/06/2019 - 02/06/2034
Grant of Authority Date Effective: 02/22/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

Corrections have been made to the City and GPS coordinates of this registration.

SITE ID: 1
LOCATION: STATION WFCR, HAMPSHIRE HOUSE (WFCR-FM), HAMPSHIRE, Amherst, MA
42 ° 23 ' 8.30 " N LAT. 72 ° 31 ' 50.30 " W LONG.

ANTENNA ID: 3.7M.	3.7 meters	PRODELIN CORPORATION	136-750
3700.0000 - 4200.0000 MHz	10M3G7W		DIGITAL AUDIO CARRIER
3700.0000 - 4200.0000 MHz	30K0F1D		DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230106-00019 E E880308 Hearst Stations Inc.
Renewal 03/28/2023 - 03/28/2038
Grant of Authority Date Effective: 01/31/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5 TV PLACE, VARIOUS

ANTENNA ID: 1	1.8 meters	VERTEX	1800SNG

14000.0000 - 14500.0000 MHz	24M0G7F	65.25 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M50G7F	61.91 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	24M0G7F	0.00 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M50G7F		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230106-00020 E E070257 Nexstar Media Inc.

Renewal 01/08/2023 - 01/08/2038

Grant of Authority Date Effective: 01/31/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7403 S. UNIVERSITY LUBBOCK, TX 79422, VARIOUS

ANTENNA ID: 1 1.8 meters AVL TECHNOLOGIES 1810K

14000.0000 - 14500.0000 MHz	36M0D7W	66.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA.
11700.0000 - 12200.0000 MHz	36M0D7W		DIGITAL VIDEO, AUDIO, AND DATA.

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230106-00021 E E872064 Nexstar Media Inc.

Renewal 01/16/2023 - 01/16/2038

Grant of Authority Date Effective: 01/31/2023

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 200 SOUTH PARKER STREET, HILLSBOROUGH, TAMPA, FL

27 ° 56 ' 40.00 " N LAT. 82 ° 27 ' 37.30 " W LONG.

ANTENNA ID: 1 6.1 meters VERTEX COMMUNICATIONS CORPORATION 6.1KPK

14000.0000 - 14500.0000 MHz	240KF3F	59.40 dBW	ORDERWIRE FM CARRIER
14000.0000 - 14500.0000 MHz	140KF9D	44.40 dBW	TDM CARRIER (BPSK)
14000.0000 - 14500.0000 MHz	36M0F9F	77.10 dBW	VIDEO & AUDIO (NTSC)
11700.0000 - 12200.0000 MHz	240KF3F		ORDERWIRE FM CARRIER
11700.0000 - 12200.0000 MHz	140KF9D		TDM CARRIER (BPSK)
11700.0000 - 12200.0000 MHz	36M0F9F		VIDEO & AUDIO (NTSC)

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230106-00022 E E070281 Nexstar Media Inc.
Renewal 01/16/2023 - 01/16/2038
Grant of Authority Date Effective: 01/31/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS /

ANTENNA ID: 1 1.5 meters Advent/MRC NS 1.5

14000.0000 - 14500.0000 MHz	24M0G7F	66.65 dBW	PSK Digital Video w/digital audio/data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230109-00023 E E920096 Production & Satellite Services, Inc.
Renewal 01/17/2023 - 01/17/2038
Grant of Authority Date Effective: 01/31/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID: 1 4.1 meters COMTECH "18FT OFFSAT"

5925.0000 - 6425.0000 MHz	36M0F8F	72.40 dBW

5925.0000 - 6425.0000 MHz 7M92G7W 75.90 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230111-00018 E E880327 CBS Communications Services Inc.
Renewal 02/19/2023 - 02/19/2038
Grant of Authority Date Effective: 01/31/2023

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: CONUS

ANTENNA ID: 1 1.2 meters SAT-LITE TECHNOLOGIES 1411

14000.0000 - 14500.0000 MHz 9M00G7W 62.15 dBW MCPC DIGITAL CARRIER VIDEO/AUDIO/DATA

11700.0000 - 12200.0000 MHz 36M0G7W MCPC DIGITAL CARRIER VIDEO/AUDIO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20230118-00077 E E990075 SINCLAIR BAKERSFIELD LICENSEE, LLC
Renewal 02/08/2023 - 02/08/2038
Grant of Authority Date Effective: 01/25/2023

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1901 WESTWIND DRIVE, KERN, BAKERSFIELD, CA
35 ° 22 ' 35.80 " N LAT. 119 ° 2 ' 38.20 " W LONG.

ANTENNA ID: 1 7.3 meters ANDREW CORPORATION ESA73-46

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20221209-01326 E Universal Space Network, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 01/30/2023

Class of Station:

On January 30, 2023, Universal Space Network, Inc. ("USN"), was granted an additional 180-day Special Temporary Authority ("STA"), commencing February 1, 2023 through July 30, 2023 to continue to operate its 13-meter antenna in North Pole, AK to provide telemetry, tracking, and control (TT&C) functions in support of the Launch and Early Operations Phase (LEOP) of the Sentinel-1C satellite licensed by the European Space Agency (ESA). Operations will be performed at center frequencies 2040.493 MHz and 2075.650 MHz (Earth-to-space), and frequency band 2253.000-2255.200 MHz (space-to-Earth).

Points of Communication:

SES-STA-20221228-01544 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/31/2023

Class of Station:

On January 31, 2023, Intelsat License LLC ("Intelsat") was granted a 30-day STA, commencing January 31, 2023 through March 01, 2023, to operate a 0.46 x 0.46 m square Ku-band frequency Earth Station Aboard Aircraft (ESAA) Earth Station in Motion (ESIM) terminal for testing and demonstrations with WorldVu Satellites Limited NGSO FSS System (Call Sign S2963). The proposed operations will occur while the airplane is on the tarmac at the San Juan Airport (SJU) in San Juan, Puerto Rico, as well as inflight. Inflight testing operations will occur over the continental United States, Puerto Rico and U.S. territories in the greater Caribbean area, and international waters. Testing will not occur over foreign territories or waters. Operations will be performed in the following frequency bands: 11700-12200 MHz (space-to-Earth) and 14000-14500 MHz (Earth-to-space).

Points of Communication:

SES-STA-20221228-01561 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/26/2023

Class of Station:

On January 26, 2023, Intelsat License LLC ("Intelsat") was granted an additional 30-day Special Temporary Authority ("STA"), commencing January 26, 2023 through February 24, 2023, to test six 0.41 m flat-panel Ku-band antennas in the Continental United States (CONUS). The antennas under test are mounted on moving vehicles and communicate with Galaxy 11 (Call Sign S2253) , Galaxy 17 (Call Sign S2715), Galaxy 18 (Call Sign S2733), SKY-B1 (Call Sign S2922), Intelsat 37e (Call Sign S2972), and the OneWeb constellation (Call Sign S2963) in the 14.2-14.5 GHz frequency band (Earth-to-space), and in the 11.7-12.2 GHz frequency band (space-to-Earth).

Points of Communication:

SES-STA-20221228-01562 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/26/2023

Class of Station:

On January 26, 2023, Intelsat License LLC ("Intelsat") was granted an additional 30-day Special Temporary Authority ("STA"), commencing January 26, 2023 through February 24, 2023, to test four Ball 9x9 0.46m flat-panel Ku-band antennas in the Continental United States (CONUS). The antennas under test are mounted on moving vehicles and communicate with Galaxy 11 (Call Sign S2253) , Galaxy 17 (Call Sign S2715), Galaxy 18 (Call Sign S2733), SKY-B1 (Call Sign S2922), Intelsat 37e (Call Sign S2972), and the OneWeb constellation (Call Sign S2963) in the 14.2-14.5 GHz frequency band (Earth-to-space), and in the 11.7-12.2 GHz frequency band (space-to-Earth).

Points of Communication:

SES-STA-20230104-00025 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/26/2023

Class of Station:

On January 26, 2023, Intelsat License LLC ("Intelsat") was granted a 30-day Special Temporary Authority ("STA"), commencing January 30, 2023 through February 28, 2023, to test its Ku-band antenna within the continental United States. The antenna will operate while stationary and communicate with the Galaxy 17 (S2715) satellite using frequency bands 14200-14500 MHz (Earth-to-space), and 11700-12200 MHz (space-to-Earth).

Points of Communication:

SES-STA-20230106-00011 E E060384 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/26/2023

Class of Station:

On January, 26, 2023, Intelsat License LLC was granted special temporary authority for 30 days, beginning on January 26, 2023 through February 24, 2023, to operate its fixed earth station in Nuevo, CA to conduct in-orbit testing (IOT) with the Galaxy 35 (S3143) satellite at the 150.05° W.L. orbital location, and the Galaxy 36 (S3148) satellite at the 149.95° W.L. orbital location in the 12.75-13.25 GHz and 13.75-14.5 GHz (Earth-to-space), and 10.7-11.2 GHz and 11.7-12.45 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20230106-00032 E E060445 HNS License Sub, LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/25/2023

Class of Station:

On January 25, 2023, HNS License Sub, LLC (together with its affiliates, "Hughes"), was granted an additional 30-day Special Temporary Authority ("STA"), commencing January 25, 2023 through February 23, 2023 to conduct testing and demonstration of four earth station terminals within 10 Km (radius), located in Germantown, MD, for communications with the EchoStar XIX satellite ("EchoStar XIX" or "Jupiter 2") @ 97.1º W.L. orbital location, in the 29.25-30.0 GHz (Earth-to-space) and 19.7-20.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20230109-00039 E KA275 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/25/2023

Class of Station:

On January 25, 2023, Intelsat License LLC ("Intelsat") was granted an additional 30-day Special Temporary Authority ("STA"), commencing January 25, 2023 through February 23, 2023 to operate its Hagerstown, MD C-band earth station, Call Sign KA275, to communicate with Galaxy 15 (S2387) at power levels higher than authorized by their current license. Operations will be performed at the following frequencies: 6025.0, 6165.0, and 6420.5 MHz (Earth-to-space) and 3800.0, 3940.0, 4198.0, and 4199.875 MHz (space-to-Earth).

Points of Communication:

SES-STA-20230112-00055 E E220075 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 01/25/2023

Class of Station:

On January 25, 2023, SpaceX Services, Inc., was granted an additional 60-day Special Temporary Authority ("STA"), commencing January 25, 2023, through March 25, 2023, to operate its fixed earth station located in Wichita Falls, TX with non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (Call Sign S2983/3018) in frequency bands: 27.5-29.1 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).

Points of Communication:

SES-STA-20230112-00060 E E220074 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 01/25/2023

Class of Station:

On January 25, 2023, SpaceX Services, Inc., was granted an additional 60-day Special Temporary Authority ("STA"), commencing January 25, 2023, through March 25, 2023, to operate its fixed earth station located in Olympia, WA with non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (Call Sign S2983/3018) in frequency bands: 27.5-29.1 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).

Points of Communication:

SES-STA-20230112-00062 E E200455 SpaceX Services, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 01/25/2023

Class of Station:

On January 25, 2023, SpaceX Services, Inc. was granted special temporary authority for 60 days, beginning on January 26, 2023, through March 26, 2023, to operate its fixed earth station in Hawthorne, CA with the non-geosynchronous orbit (NGSO) satellite constellation SpaceX Starlink (S2983/3018) in the 27.5-29.1 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-20230127-00088 E Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 01/30/2023

Class of Station:

On January 30, 2023, Intelsat License LLC was granted special temporary authority for 30 days beginning on Januuary 30, 2023 through February 28, 2023, to operate a 0.46 x 0.46 m square earth station aboard aircraft (ESAA) earth station in motion (ESIM) terminal for testing and demonstrations with WorldVu Satellites Limited NGSO FSS System (S2963). The proposed operations will occur while the airplane is on the tarmac at the San Juan Airport (SJU) in San Juan, Puerto Rico, as well as inflight. Inflight testing operations will occur over the continental United States, Puerto Rico and U.S. territories in the greater Caribbean area, and international waters. Testing will not occur over foreign territories or waters. Operations will be performed in the 11700-12200 MHz (space-to-Earth), and 14200-14450 MHz (Earth-to-space) freequency bands.

Points of Communication:

SURRENDER

SES-MOD-20180628-01620 E3696 Comcast of Georgia/Illinois/Michigan, LLC

Registration surrendered by letter filed on 1/26/2023

SES-MOD-20180809-02785 E180512 Comcast Cable Communications Management, LLC

Registration surrendered by letter filed on 1/26/2023

SES-MOD-20210208-00272 E181895 Comcast Cable Communications Management, LLC

SURRENDER

Registration surrendered by letter filed on 1/26/2023

SES-REG-20180803-02643	E181700	Comcast Cable Communications Management, LLC

Registration surrendered by letter filed on 1/26/2023

SES-REG-20180809-02657	E181714	Comcast Cable Communications Management, LLC

Registration surrendered by letter filed on 1/26/2023

SES-REG-20180809-03493	E182046	Comcast Cable Communications Management, LLC

Registration surrendered by letter filed on 1/26/2023

SES-REG-20210211-00294	E181700A	Comcast Cable Communications Management, LLC

Registration surrendered by letter filed on 1/26/2023

SES-REG-20210211-00315	E181714A	Comcast Cable Communications Management, LLC

Registration surrendered by letter filed on 1/26/2023

For more information concerning this Notice, contact the Satellite Division at 418-0719.