



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

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Report No. SES-01774

Wednesday August 12, 2015

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-20150623-00364 E E130017 CBS Communications Services Inc.
Amendment
Grant of Authority Date Effective: 08/10/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2119 CEDAR LAKE ROAD, JEFFERSON, GOLDEN, CO
 39 ° 43 ' 53.00 " N LAT. 105 ° 14 ' 1.00 " W LONG.

ANTENNA ID: 1 4.5 meters COMMSCOPE ESA45
 3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO VIDEO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-ASG-20150619-00366 E E4318 Comcast of Elkton, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of Elkton, Inc.

FROM: COMCAST OF ELKTON, INC.

TO: Comcast of Elkton, LLC

No. of Station(s) listed: 1

SES-ASG-20150619-00367 E E6669 Comcast of Connecticut, Inc.
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF EASTERN CONNECTICUT, INC.
FROM: COMCAST OF EASTERN CONNECTICUT, INC.
TO: Comcast of Connecticut, Inc.

No. of Station(s) listed: 1

SES-ASG-20150619-00368 E E020122 Comcast of Eastern Shore, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of Eastern Shore, Inc.
FROM: COMCAST OF EASTERN SHORE, INC.
TO: Comcast of Eastern Shore, LLC

No. of Station(s) listed: 4

SES-ASG-20150619-00372 E E6435 Comcast of Southern Mississippi, Inc.
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast Cable Communications, LLC
FROM: COMCAST CABLE COMMUNICATIONS, LLC
TO: Comcast of Southern Mississippi, Inc.

No. of Station(s) listed: 1

SES-ASG-20150619-00381 E WJ72 Comcast of Michigan/Mississippi/Tennessee, Inc.
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST CABLE INVESTORS, LP
FROM: COMCAST CABLE INVESTORS, L.P.
TO: Comcast of Michigan/Mississippi/Tennessee, Inc.

No. of Station(s) listed: 1

SES-ASG-20150619-00384 E E010330 Comcast of Arizona, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF ARIZONA, INC.
FROM: COMCAST OF ARIZONA, INC.
TO: Comcast of Arizona, LLC

No. of Station(s) listed: 1

SES-ASG-20150619-00385 E E100049 Comcast of Alabama, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF ALABAMA, INC.
FROM: COMCAST OF ALABAMA, INC.
TO: Comcast of Alabama, LLC

No. of Station(s) listed: 10

SES-ASG-20150619-00386 E E2120 Comcast Cable Holdings, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of California/Colorado/Texas/Washington, Inc.
FROM: COMCAST OF CALIFORNIA/COLORADO/TEXAS/WASHINGTON, INC.
TO: Comcast Cable Holdings, LLC

No. of Station(s) listed: 3

SES-ASG-20150619-00387 E E070048 Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, L
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of California XIV, LLC
FROM: COMCAST OF CALIFORNIA XIV, LLC
TO: Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, LLC

No. of Station(s) listed: 8

SES-ASG-20150619-00388 E E3925 Comcast of Clinton, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF CLINTON
FROM: COMCAST OF CLINTON
TO: Comcast of Clinton, LLC

No. of Station(s) listed: 1

SES-ASG-20150619-00389 E E950219 Comcast of California/Massachusetts/Michigan/Utah, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of California/Massachusetts/Michigan/Utah, Inc.
FROM: COMCAST OF CALIFORNIA/MASSACHUSETTS/MICHIGAN/UTAH, INC.
TO: Comcast of California/Massachusetts/Michigan/Utah, LLC

No. of Station(s) listed: 3

SES-ASG-20150619-00391 E E2734 Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, L
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of Colorado/Florida, Inc.
FROM: COMCAST OF COLORADO/FLORIDA, INC.
TO: Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, LLC

No. of Station(s) listed: 4

SES-ASG-20150619-00392 E E3714 Comcast of Delmarva, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of Delmarva Inc
FROM: COMCAST OF DELMARVA INC
TO: Comcast of Delmarva, LLC

No. of Station(s) listed: 9

SES-ASG-20150619-00393 E WJ23 Comcast of Florida/Georgia/Pennsylvania, L.P.
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF FLORIDA/GEORGIA
FROM: COMCAST OF FLORIDA/GEORGIA
TO: Comcast of Florida/Georgia/Pennsylvania, L.P.

No. of Station(s) listed: 1

SES-ASG-20150619-00394 E E910180 Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, L
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF FLORIDA, LP
FROM: COMCAST OF FLORIDA LP
TO: Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, LLC

No. of Station(s) listed: 1

SES-ASG-20150619-00395 E E010103 Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, L
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of Florida/Washington, LLC
FROM: COMCAST OF FLORIDA/WASHINGTON, LLC
TO: Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, LLC

No. of Station(s) listed: 6

SES-ASG-20150619-00396 E E2391 Comcast of Florida/Georgia/Pennsylvania, L.P.
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: Comcast of Florida/Georgia, LLC
FROM: COMCAST OF FLORIDA/GEORGIA, LLC
TO: Comcast of Florida/Georgia/Pennsylvania, L.P.

No. of Station(s) listed: 9

SES-ASG-20150619-00397 E WJ82 Comcast of Georgia/Massachusetts, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF GEORGIA/MASSACHUSETTS, INC.
FROM: COMCAST OF GEORGIA/MASSACHUSETTS, INC.
TO: Comcast of Georgia/Massachusetts, LLC

No. of Station(s) listed: 1

SES-ASG-20150622-00373 E WE64 Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, L
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF PADUCAH INC.
FROM: COMCAST OF PADUCAH, INC.
TO: Comcast of Colorado/Florida/Michigan/New Mexico/Pennsylvania/Washington, LLC

No. of Station(s) listed: 1

SES-ASG-20150622-00398 E E3565 Comcast of Georgia/South Carolina, LLC
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF GEORGIA/SOUTH CAROLINA, INC.
FROM: COMCAST OF GEORGIA/SOUTH CAROLINA, INC.
TO: Comcast of Georgia/South Carolina, LLC

No. of Station(s) listed: 7

SES-ASG-20150622-00399 E E3755 Comcast of Connecticut, Inc.
Application for Consent to Assignment
Consummated Date Effective: 06/18/2015

Current Licensee: COMCAST OF GROTON INC.
FROM: COMCAST OF GROTON, INC.
TO: Comcast of Connecticut, Inc.

No. of Station(s) listed: 1

SES-ASG-20150729-00480 E WB36 Airbus DS SatCom Government, Inc.
Application for Consent to Assignment
Grant of Authority Date Effective: 08/11/2015

Current Licensee: Airbus DS SatCom Government, Inc.
FROM: Airbus DS SatCom Government, Inc.
TO: Astrium Services Business Communications, Inc.

No. of Station(s) listed: 1

SES-DBM-20150522-00309 E E960333 Federal Aviation Administration
Database Entry Modification
Grant of Authority Date Effective: 08/06/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: TALKEETNA, AK

62 ° 17 ' 56.00 " N LAT.

150 ° 6 ' 16.00 " W LONG.

ANTENNA ID:	1	3.6 meters	SCIENTIFIC ATLANTA	8136
	5925.0000 - 6425.0000 MHz		153KG7D 48.80 dBW	QPSK, ULL FEC
	3700.0000 - 4200.0000 MHz		153KG7D	QPSK, ULL FEC
ANTENNA ID:	2	3.6 meters	SCIENTIFIC ATLANTA	8136
	5925.0000 - 6425.0000 MHz		114KG7D 47.60 dBW	QPSK, ULL FEC
	5925.0000 - 6425.0000 MHz		131KG7D 48.20 dBW	QPSK, ULL FEC
	3700.0000 - 4200.0000 MHz		114KG7D	QPSK, ULL FEC
	3700.0000 - 4200.0000 MHz		131KG7D	QPSK, ULL FEC

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20141030-00832 E E140114 ISAT US Inc.

Application for Authority

08/11/2015 - 08/11/2030

Grant of Authority

Date Effective: 08/11/2015

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: Aero 1

LOCATION: OPERATE UP TO 4000 TERMINALS CONUS, PR, USVI + AOR, POR

ANTENNA ID:	MCS 8200	Honeywell	MCS 8200
29500.0000 - 30000.0000 MHz	460KG7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	7M34G7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Aero 2

LOCATION: OPERATE UP TO 4000 TERMINALS CONUS, PR, USVI + AOR, POR

ANTENNA ID:	MCS 8000	0.3 meters	Honeywell	MCS 8000
29500.0000 - 30000.0000 MHz	460KG7W	32.60 dBW	Various Modulations up to 32APSK; Digital Data Link	
29500.0000 - 30000.0000 MHz	7M34G7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link	
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link	
29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link	

Points of Communication:

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

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

SES-MFS-20150401-00186 E E060445 HNS License Sub, LLC

Modification

02/27/2007 - 02/27/2022

Grant of Authority

Date Effective: 08/10/2015

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: TR3.5M

LOCATION: 50,000 (3.5m) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TR3.5	3.5 meters	ASC SIGNAL CORP.	ES35SRT-1
	29500.0000 - 30000.0000 MHz		20M9G7W 75.40 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz		2M61G7W 66.30 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz		650KG7W 60.30 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz		500MG7W	500 MHZ WIDE, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz		650KG7W 60.30 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz		20M9G7W 75.40 dBW	2,048 MBPS, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz		100KG7W	100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz		500MG7W	500 MHZ WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz		100KG7W	100 KHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TFTR1.2M

LOCATION: 1000 (1.2M) CONUS, AK, HI, PR, VI

ANTENNA ID:	TFTR1.2	1.2 meters	AVL TECHNOLOGIES	1210K
	29500.0000 - 30000.0000 MHz		100KG7W 42.70 dBW	QPSK, DATA, INROUTE, 64 KSPS
	29250.0000 - 30000.0000 MHz		2M00G7W 55.90 dBW	QPSK, DATA, INROUTE, 1600 KSPS
	29250.0000 - 30000.0000 MHz		2M61G7W 55.90 dBW	QPSK, DATA, INROUTE, 2048 KSPS
	19700.0000 - 20200.0000 MHz		100KG7W	QPSK, DATA, OUTROUTE, 64 KSPS
	19700.0000 - 20200.0000 MHz		500MG7W	QPSK, DATA, OUTROUTE, 30 MSPS
	29250.0000 - 29500.0000 MHz		100KG7W 42.70 dBW	QPSK, DATA, INROUTE, 64 KSPS

29250.0000 - 29500.0000 MHz	2M61G7W	55.90 dBW	QPSK, DATA, INROUTE, 2048 KSPS
18300.0000 - 19300.0000 MHz	100KG7W		QPSK, DATA, OUTROUTE, 64 KSPS
18300.0000 - 19300.0000 MHz	2M61G7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TFTR74CM
LOCATION: 25,000 (74cm) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 74CM(TA)	0.74 meters	GD SATCOM	HNS1031929
29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: 74CM(TB)	0.74 meters	SKYWARE GLOBAL	AN8-074R
29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER

28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: 74CM(TC) 0.74 meters GD SATCOM AN8-074P

29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TFTR98CM
LOCATION: 10,000 (98cm) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: TFTR98(2)	0.98 meters	SKYWARE GLOBAL	AN8-098RAN-098KA
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
ANTENNA ID: TFTR98CM	0.98 meters	GD SATCOM	AN8-098P
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 MHZ WIDE, PSK, DIGITAL CARRIER
ANTENNA ID: TFTR98(3)	0.98 meters	AVL TECHNOLOGIES	1010K
29500.0000 - 30000.0000 MHz	500MG7W	41.20 dBW	QPSK, DATA, INROUTE, 64 KSPS
29500.0000 - 30000.0000 MHz	1M48G7W	52.90 dBW	QPSK, DATA, INROUTE, 1100 KSPS
29500.0000 - 30000.0000 MHz	2M61G7W	52.90 dBW	QPSK, DATA, INROUTE, 2048 KSPS
19700.0000 - 20200.0000 MHz	100KG7W		QPSK, DATA, OUTROUTE, 64 KSPS
19700.0000 - 20200.0000 MHz	500MG7W		QPSK, DATA, OUTROUTE, 30 MSPS
29250.0000 - 29500.0000 MHz	2M61G7W	52.90 dBW	QPSK, DATA, INROUTE, 204K KSPS
29250.0000 - 29500.0000 MHz	500MG7W	41.20 dBW	QPSK, DATA, INROUTE, 64 KSPS
18300.0000 - 19300.0000 MHz	100KG7W		QPSK, DATA, OUTROUTE, 64 KSPS

18300.0000 - 19300.0000 MHz	500MG7W		QPSK, DATA, OUTROUTE, 30 MSPS
SITE ID: TR98CM			
LOCATION: 250,000 (98cm) CONUS, AK, HI, PR, VI			
0 ° 0 ' 0.00 " N LAT.		0 ° 0 ' 0.00 " W LONG.	
ANTENNA ID: TR98CM(1)	0.98 meters	GD SATCOM	AN8-098P
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
ANTENNA ID: TR98CM(2)	0.98 meters	SKYWARE GLOBAL	AN8-098R
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TR74CM
 LOCATION: 5,000,000 (74cm) CONUS, AK, HI, PR, VI
 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	74CM(FA)	0.74 meters	GD SATCOM	AN8-074P
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
	18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID:	74CM(FC)	0.74 meters	SKYWARE GLOBAL	AN8-074R
	29250.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PASK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID:	74CM(FB)	0.74 meters	GD SATCOM	HNS1031929
	29250.0000 - 30000.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER

SITE ID: TR1.8M
 LOCATION: 50,000 (1.8m) CONUS, AK, HI, PR, VI
 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TR1.8	1.8 meters	GD SATCOM	3180-131
	29500.0000 - 30000.0000 MHz	20M9G7W	69.80 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	2M61G7W	60.70 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	650KG7W	54.70 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	54.70 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	20M9G7W	69.80 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TR1.2M
LOCATION: 100,000 (1.2m) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TR1.2	1.2 meters	GD SATCOM	3120-131
	29500.0000 - 30000.0000 MHz	2M61G7W	57.20 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	650KG7W	51.20 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	51.20 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	2M61G7W	57.20 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TFTR98CM
LOCATION: 10,000 (1.0m) CONUS, AK, HI, PR, VI

SITE ID: TR69CM
LOCATION: 1,000,000 (69CM)

ANTENNA ID:	69CM	0.69 meters	SKYWARE GLOBAL	HNS-AN8-069R
	29250.0000 - 29500.0000 MHz	100KG7W	38.50 dBW	M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	2M00G7W	46.80 dBW	M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	670KG7W	46.80 dBW	M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER

Points of Communication:

TFTR1.2M - AMC-15 - (105 W.L.)
TFTR1.2M - AMC-16 - (85 W.L.)
TFTR1.2M - ECHOSTAR -9 - (121 W.L.)
TFTR1.2M - EchostarXVII(S2753) - (107.1 W.L.)
TFTR1.2M - JUPITER 97 W(S2834) - (97.1 W. L.)
TFTR1.2M - SPACEWAY 3 - (94.95 W.L.)
TFTR74CM - AMC-15 - (105 W.L.)
TFTR74CM - AMC-16 - (85 W.L.)
TFTR74CM - DIRECTV 10 - (102.8 W.L.)
TFTR74CM - DIRECTV 11 - (99.2 W.L.)
TFTR74CM - ECHOSTAR -9 - (121 W.L.)
TFTR74CM - EchostarXVII(S2753) - (107.1 W.L.)
TFTR74CM - JUPITER 97 W(S2834) - (97.1 W. L.)
TFTR74CM - SPACEWAY 1 - (103 W.L.)
TFTR74CM - SPACEWAY 2 - (99 W.L.)

TFTR74CM - SPACEWAY 3 - (94.95 W.L.)

TFTR98CM - AMC-15 - (105 W.L.)

TFTR98CM - AMC-16 - (85 W.L.)

TFTR98CM - EHOSTAR -9 - (121 W.L.)

TFTR98CM - EchostarXVII(S2753) - (107.1 W.L.)

TFTR98CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TFTR98CM - SPACEWAY 1 - (103 W.L.)

TFTR98CM - SPACEWAY 2 - (99 W.L.)

TFTR98CM - SPACEWAY 3 - (94.95 W.L.)

TR1.2M - AMC-15 - (105 W.L.)

TR1.2M - AMC-16 - (85 W.L.)

TR1.2M - EHOSTAR -9 - (121 W.L.)

TR1.2M - EchostarXVII(S2753) - (107.1 W.L.)

TR1.2M - JUPITER 97 W(S2834) - (97.1 W. L.)

TR1.2M - SPACEWAY 1 - (103 W.L.)

TR1.2M - SPACEWAY 2 - (99 W.L.)

TR1.2M - SPACEWAY 3 - (94.95 W.L.)

TR1.8M - AMC-15 - (105 W.L.)

TR1.8M - AMC-16 - (85 W.L.)

TR1.8M - EHOSTAR -9 - (121 W.L.)

TR1.8M - EchostarXVII(S2753) - (107.1 W.L.)

TR1.8M - JUPITER 97 W(S2834) - (97.1 W. L.)

TR1.8M - SPACEWAY 1 - (103 W.L.)

TR1.8M - SPACEWAY 2 - (99 W.L.)

TR1.8M - SPACEWAY 3 - (94.95 W.L.)

TR3.5M - AMC-15 - (105 W.L.)

TR3.5M - AMC-16 - (85 W.L.)

TR3.5M - EHOSTAR -9 - (121 W.L.)

TR3.5M - EchostarXVII(S2753) - (107.1 W.L.)

TR3.5M - JUPITER 97 W(S2834) - (97.1 W. L.)

TR3.5M - SPACEWAY 1 - (103 W.L.)

TR3.5M - SPACEWAY 2 - (99 W.L.)

TR3.5M - SPACEWAY 3 - (94.95 W.L.)

TR69CM - AMC-15 - (105 W.L.)

TR69CM - AMC-16 - (85 W.L.)

TR69CM - ECHOSTAR -9 - (121 W.L.)

TR69CM - EchostarXVII(S2753) - (107.1 W.L.)

TR69CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TR69CM - SPACEWAY 1 - (103 W.L.)

TR69CM - SPACEWAY 2 - (99 W.L.)

TR69CM - SPACEWAY 3 - (94.95 W.L.)

TR74CM - AMC-15 - (105 W.L.)

TR74CM - AMC-16 - (85 W.L.)

TR74CM - DIRECTV 10 - (102.8 W.L.)

TR74CM - DIRECTV 11 - (99.2 W.L.)

TR74CM - ECHOSTAR -9 - (121 W.L.)

TR74CM - EchostarXVII(S2753) - (107.1 W.L.)

TR74CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TR74CM - SPACEWAY 1 - (103 W.L.)

TR74CM - SPACEWAY 2 - (99 W.L.)

TR74CM - SPACEWAY 3 - (94.95 W.L.)

TR98CM - AMC-15 - (105 W.L.)

TR98CM - AMC-16 - (85 W.L.)

TR98CM - ECHOSTAR -9 - (121 W.L.)

TR98CM - EchostarXVII(S2753) - (107.1 W.L.)

TR98CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TR98CM - SPACEWAY 1 - (103 W.L.)

TR98CM - SPACEWAY 2 - (99 W.L.)

TR98CM - SPACEWAY 3 - (94.95 W.L.)

SES-MOD-20150602-00319 E E130017 CBS Communications Services Inc.
Application for Modification 01/22/2013 - 01/22/2028
Grant of Authority Date Effective: 08/10/2015

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2119 CEDAR LAKE ROAD, JEFFERSON, GOLDEN, CO
39 ° 43 ' 53.00 " N LAT. 105 ° 14 ' 1.00 " W LONG.

ANTENNA ID: 1 4.5 meters COMMSCOPE ESA45
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO VIDEO, DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150612-00355 E E060380 Fox News Network LLC
Application for Modification 11/20/2006 - 11/20/2021
Grant of Authority Date Effective: 08/05/2015

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: transportable, Ku-band VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID: T1 1.45 meters SAT-LITE TECHNOLOGIES 1411
11700.0000 - 12200.0000 MHz 5M75G7W DIGITAL AUDIO AND VIDEO
14000.0000 - 14500.0000 MHz 5M75G7W 62.20 dBW DIGITAL AUDIO AND VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150612-00356 E E060379 Fox News Network LLC
Application for Modification 11/20/2006 - 11/20/2021
Grant of Authority Date Effective: 08/05/2015

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: transportable, Ku-band VARIOUS LOCATIONS THROUGHOUT, CONUS, AK, HI

ANTENNA ID: T1	1.45 meters	SAT-LITE TECHNOLOGIES	1411
14000.0000 - 14500.0000 MHz	5M75G7W	62.20 dBW	DIGITAL AUDIO AND VIDEO
11700.0000 - 12200.0000 MHz	5M75G7W		DIGITAL AUDIO AND VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-STA-20150507-00294~~ E E150018 O3b Limited
 Special Temporary Authority
 Grant of Authority

Date Effective: 08/07/2015

Class of Station:

On August 7, 2015, O3b Limited was granted special temporary authority for a period of 180 days beginning August 7, 2015, to operate two 1.2-meter fixed earth station antennas in Bristow, VA, to communicate with the O3B-A (S2935) satellite system in the 17.8-18.6 GHz, 18.8-19.3 GHz (space-to-Earth) and 27.6-28.4 GHz, 28.6-29.1 GHz (Earth-to-space) frequency bands.

Points of Communication:

SURRENDER

SES-REG-20070815-01062 E070179 Bright House Networks, LLC
 License surrendered by letter filed on June 23, 2015.
SES-RWL-20020809-01359 E4713 Bright House Networks, LLC
 License surrendered by letter filed on June 23, 2015.
SES-RWL-20021015-01802 E4975 Bright House Networks, LLC
 License surrendered by letter filed on June 23, 2015.
SES-RWL-20030922-01308 E6306 Bright House Networks, LLC
 License surrendered by letter filed on June 23, 2015.
SES-RWL-20040630-00898 E6439 Bright House Networks, LLC
 License surrendered by letter filed on June 23, 2015.

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