



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01996

Wednesday October 4, 2017

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-20170328-00346 E E160152 Satcom Resources

Application for Consent to Assignment

Grant of Authority

Date Effective: 10/03/2017

Current Licensee: Satcom Resources

FROM: SATCOM RESOURCES

TO: General Atomics Aeronautical Systems, Inc.

No. of Station(s) listed: 1

SES-LIC-20170726-00806 E E170139 SES Americom, Inc.

Application for Authority

Grant of Authority

10/03/2017 - 10/03/2032

Date Effective: 10/03/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: South Mountain

LOCATION: 5990 Solano Verde Dr, Ventura, Somis, CA

34 ° 19 ' 32.27 " N LAT.

118 ° 59 ' 43.18 " W LONG.

ANTENNA ID:	SM-K06	9 meters	GD Satcom	9.0M.
13750.0000 - 14000.0000 MHz	1M82F9D	68.00 dBW	Digital Data	
13750.0000 - 14000.0000 MHz	1M82G7W	68.00 dBW	Digital Data	
13750.0000 - 14000.0000 MHz	36M0G7W	79.00 dBW	Digital Data	
13750.0000 - 14000.0000 MHz	54M0G7W	80.80 dBW	Digital Data	
13750.0000 - 14000.0000 MHz	1M82G7W	68.00 dBW	Digital Data	
14000.0000 - 14500.0000 MHz	1M00F9D	77.94 dBW	Telecommand Carrier to the satellite	

14000.0000 - 14500.0000 MHz	100K0G7W	60.08 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.60 dBW	Digital Data
14000.0000 - 14500.0000 MHz	54M0G7W	87.10 dBW	Digital data
14000.0000 - 14500.0000 MHz	72M0G7W	87.10 dBW	Digital Data
10700.0000 - 10950.0000 MHz	500KG9D		Telemetry Carrier
10700.0000 - 10950.0000 MHz	100KG7W		Digital Data
10700.0000 - 10950.0000 MHz	36M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	54M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	72M0G7W		Digital Data
14000.0000 - 14500.0000 MHz	N0N	52.10 dBW	CW Carrier
10700.0000 - 10950.0000 MHz	N0N		CW Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data
10950.0000 - 11200.0000 MHz	54M0G7W		Digital Data
10950.0000 - 11200.0000 MHz	36M0G7W		Digital Data
10950.0000 - 11200.0000 MHz	100KG7W		Didgital Data
10950.0000 - 11200.0000 MHz	500KG9D		Telemetry Carrier
10950.0000 - 11200.0000 MHz	N0N		CW Carrier
11200.0000 - 11450.0000 MHz	72M0G7W		Digital Data
11200.0000 - 11450.0000 MHz	36M0G7W		Digital Data
11200.0000 - 11450.0000 MHz	100KG7W		Digital Data
11200.0000 - 11450.0000 MHz	500KG9D		Telemetry Carrier
11200.0000 - 11450.0000 MHz	N0N		CW Carrier
11450.0000 - 11700.0000 MHz	72M0G7W		Digital Data
11450.0000 - 11700.0000 MHz	54M0G7W		Digital Data
11450.0000 - 11700.0000 MHz	36M0G7W		Digital Data
11450.0000 - 11700.0000 MHz	100KG7W		Digital Data

11450.0000 - 11700.0000 MHz	500KG9D		Telemetry Carrier
11450.0000 - 11700.0000 MHz	N0N		CW Carrier
11700.0000 - 12200.0000 MHz	72M0G7W		Digital Data
11700.0000 - 12200.0000 MHz	54M0G7W		Digital Data
11700.0000 - 12200.0000 MHz	36M0G7W		Digital Data
11700.0000 - 12200.0000 MHz	100KG7W		Digital Data
11700.0000 - 12200.0000 MHz	500KG9D		Telemetry Carrier
11700.0000 - 12200.0000 MHz	N0N		CW Carrier
11200.0000 - 14500.0000 MHz	54M0G7W		Digital Data
13750.0000 - 14000.0000 MHz	72M0G7W	82.00 dBW	Digital Data

Points of Communication:

South Mountain - PERMITTED LIST - ()

South Mountain - SES-15 (S2951) - (129.15 W.L)

SES-LIC-20170817-00924	E E170172	WJCL Hearst Television LLC	10/02/2017 - 10/02/2032
Application for Authority			Date Effective: 10/02/2017
Grant of Authority			

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 1	1.8 meters	Advent Communications	Newswift 1.8
14000.0000 - 14500.0000 MHz	36M0D7W	67.17 dBW	QAM or APSK; Digital Video, Audio, and Data
14000.0000 - 14500.0000 MHz	3M50D7W	62.21 dBW	QAM or APSK; Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations**Nature of Service:** Direct Broadcast Satellite Service, Fixed Satellite Service

SITE ID: 1

LOCATION: 530 ECHOSTAR DRIVE, LARMIE, CHEYENNE, WY

41 ° 7 ' 56.40 " N LAT.

104 ° 44 ' 10.40 " W LONG.

ANTENNA ID:	1	13.2 meters	TIW	13.2 METER
	17790.0000 - 17800.0000 MHz	1M00G2D	35.80 dBW	Telemetry
	17307.0000 - 17308.5000 MHz	1M00G2D	86.30 dBW	Digital Data, FEC 3/4 (TT&C)
	17301.0000 - 17302.0000 MHz	1M00G2D	86.30 dBW	Digital Data, FEC 3/4 (TT&C)
	17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	Digital Video, FEC 3/4
	17300.0000 - 17800.0000 MHz	24M0G1W	87.40 dBW	Digital Video, FEC 3/4
	12698.5000 - 12699.5000 MHz	1M00G2D		Telemetry Beacon (TT&C)
	12202.5000 - 12203.5000 MHz	1M00G2D		Telemetry Beacon (TT&C)
	12200.5000 - 12201.5000 MHz	1M00G2D		Telemetry Beacon (TT&C)
	12200.0000 - 12700.0000 MHz	24M0M1F		Digital Video, FEC 3/4
	12200.0000 - 12205.0000 MHz	800KG2D		Telemetry

Points of Communication:

1 - ECHO-3 - (61.5 DEG)

1 - ECHOSTAR 12 - (86.4 W.L.)

1 - ECHOSTAR 14 - (118.9 W.L.)

1 - ECHOSTAR 15 (S2811) - (45.1 W.L.)

1 - ECHOSTAR 16 (S2844) - (61.5 W.L.)

1 - ECHOSTAR 2 - (148 W.L.)

1 - ECHOSTAR 23 - (44.9 W.L.)

1 - ECHOSTAR 4 - (76.85 W.L.)

1 - ECHOSTAR 7 - (118.8 W.L.)

1 - ECHOSTAR 8 - (77 W.L.)

1 - ECHOSTAR/DISH - ()

SES-MOD-20170804-00869

E E070014

EchoStar Operating L.L.C.

Application for Modification

03/07/2007 - 03/07/2022

Grant of Authority

Date Effective: 09/28/2017

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Fixed Satellite Service

SITE ID: 1

LOCATION: 801 N. DISH DRIVE (GFMA), MARICOPA, GILBERT, AZ

33 ° 22 ' 0.80 " N LAT.

111 ° 48 ' 54.70 " W LONG.

ANTENNA ID:	GFMA	13.2 meters	VERTEX/TIW	13.2 METER
	17790.0000 - 17800.0000 MHz	800KG2D	79.11 dBW	Command Carrier (TT&C)
	17790.0000 - 17800.0000 MHz	800KG2D	84.10 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video, Voice, Data
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	86.90 dBW	Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	86.90 dBW	Command Carrier (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	79.11 dBW	Command Carrier (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	84.10 dBW	Command Carrier (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video, Voice, Data
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
	12200.0000 - 12700.0000 MHz	1M50G2D		Telemetry (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video

12200.0000 - 12700.0000 MHz	1M50G2D	Telemetry (TT&C)
12200.0000 - 12210.0000 MHz	800KG2D	Telemetry (TT&C)
12200.0000 - 12210.0000 MHz	800KG2D	Telemetry (TT&C)
12200.0000 - 12205.0000 MHz	800KG2D	Telemetry

Points of Communication:

- 1 - CIEL 2 - (128.85 W.L.)
- 1 - EHOSTAR 1 - (77 W.L.)
- 1 - EHOSTAR 10 - (110.2 W.L.)
- 1 - EHOSTAR 12 - (86.4 W.L.)
- 1 - EHOSTAR 15 (S2811) - (45.1 W.L.)
- 1 - EHOSTAR 16 (S2844) - (61.5 W.L.)
- 1 - EHOSTAR 2 - (148 W.L.)
- 1 - EHOSTAR 23 - (44.9 W.L.)
- 1 - EHOSTAR 3 (S2741) - (61.5 W.L.)
- 1 - EHOSTAR 4 - (77 W.L.)
- 1 - EHOSTAR 5 - (129 W.L.)
- 1 - EHOSTAR 6 - (110 W.L.)
- 1 - EHOSTAR 6 - (72.7 W.L.)
- 1 - EHOSTAR 7 - (119 W.L.)
- 1 - EHOSTAR 8 - (110 W.L.)
- 1 - EHOSTAR 8 - (76.85)
- 1 - EHOSTAR I - (148.0 W.L.)
- 1 - EHOSTAR/DISH - ()
- 1 - NIMIQ 5 - (72.7 W.L.)
- 1 - RAINBOW1 - (61.5 W.L.)

SES-MOD-20170817-00922 E E5589
Application for Modification
Grant of Authority

The University of Oklahoma

05/13/2003 - 05/13/2018

Date Effective: 09/27/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 860 VAN VLEET OVAL, CLEVELAND, NORMAN, OK
35 ° 12 ' 17.00 " N LAT.

97 ° 26 ' 48.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 3.8 METER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20170817-00928 E E140029 ISAT US Inc.

Application for Modification

09/29/2015 - 09/29/2030

Grant of Authority

Date Effective: 10/03/2017

Class of Station: Blanket Earth Stations

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

SITE ID: REMOTE 4

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

ANTENNA ID: JUE-60GX 0.65 meters JRC JUE-60GX

29500.0000 - 30000.0000 MHz 6M96G7W 50.90 dBW Various Modulations up to 32APSK;
Digital Data Link

29500.0000 - 30000.0000 MHz 600KG7W 44.00 dBW Various Modulations up to 32APSK;
Digital Data Link

29500.0000 - 30000.0000 MHz 5M00G1W 50.90 dBW Modulation and Services Digital Data
Signalling

29500.0000 - 30000.0000 MHz 2M70G1W 50.50 dBW Modulation and Services Digital Data
Signalling

29100.0000 - 29500.0000 MHz 600KG7W 44.00 dBW Various Modulations up to 32APSK;
Digital Data Link

29100.0000 - 29500.0000 MHz 6M96G7W 50.90 dBW Various Modulations up to 32APSK;
Digital Data Link

29100.0000 - 29500.0000 MHz 5M00G1W 50.90 dBW Modulation and Services Digital Data
Signalling

29100.0000 - 29500.0000 MHz 2M70G1W 50.50 dBW Modulation and Services Digital Data
Signalling

19700.0000 - 20200.0000 MHz	32M0G7W	Modulation and Services Digital Data Signalling
19300.0000 - 19700.0000 MHz	32M0G7W	Modulation and Services Digital Data Signalling

SITE ID: REMOTE 5
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	INT GX100	1.03 meters	INTELLIAN	GX100
29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link	
29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW		
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW		
29500.0000 - 30000.0000 MHz	1M79G1W	54.60 dBW		
29100.0000 - 29500.0000 MHz	6M96G7W	54.50 dBW		
29100.0000 - 29500.0000 MHz	600KG7W	47.80 dBW		
29100.0000 - 29500.0000 MHz	5M00G1W	54.50 dBW		
29100.0000 - 29500.0000 MHz	1M79G1W	54.60 dBW		
19700.0000 - 20200.0000 MHz	32M0G7W	Various Modulations up to 32APSK; Digital Data Link		
19300.0000 - 19700.0000 MHz	32M0G7W			

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

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

29500.0000 - 30000.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
SITE ID: REMOTE 7			
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI			
ANTENNA ID: SAILOR 60	0.65 meters	COBHAM SEATEL	SAILOR GX60
29500.0000 - 30000.0000 MHz	6M96G7W	50.70 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	50.70 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	50.70 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	50.70 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 3
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI

ANTENNA ID:	SAILOR 100	1.03 meters	Cobham SatCom	Sailor 100 GX
	29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signalling
	29100.0000 - 29500.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
	19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link

SITE ID: REMOTE 1
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS, PR, USVI

ANTENNA ID:	SEA4012GX	1 meters	Cobham-Sea Tel	4012GX
	29500.0000 - 30000.0000 MHz	2M30G1W	54.10 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	54.10 dBW	Modulation and Services Digital Data Signalling
	29500.0000 - 30000.0000 MHz	6M96G7W	54.10 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	600KG7W	46.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	29100.0000 - 29500.0000 MHz	2M30G1W	54.10 dBW	Modulation and Services Digital Data Signalling

29100.0000 - 29500.0000 MHz	5M00G1W	54.10 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	6M96G7W	54.10 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	600KG7W	46.50 dBW	Various Modulations up to 32APSK; Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
SITE ID: REMOTE 2			
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI			
ANTENNA ID: SEAGX60	0.65 meters	Cobham-Sea Tel	GX60
29500.0000 - 30000.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signalling
29500.0000 - 30000.0000 MHz	6M96G7W	50.30 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	6M96G7W	50.30 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link
29100.0000 - 29500.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signalling
29100.0000 - 29500.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
19300.0000 - 19700.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
SITE ID: REMOTE 8			
LOCATION: Maritime Vessels/4000units Atlantic Ocean, Pacific Ocean, CONUS PR USVI			
ANTENNA ID: EM Cobra	1 meters	EM Solutions	Cobra

29500.0000 - 30000.0000 MHz	7M11G7W	58.00 dBW	Modulation and Services various modulations up to 32 APSK Digital Data Link
29500.0000 - 30000.0000 MHz	3M56G7W	55.00 dBW	Modulation and Services various modulations up to 32 APSK Digital Data Link
19700.0000 - 20200.0000 MHz	32M0G7W		Modulation and Services various modulations up to 32 APSK Digital Data Link

Points of Communication:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SES-MOD-20170821-00934 E E060154 Hearst Properties Inc.

Application for Modification

06/13/2006 - 06/13/2021

Grant of Authority

Date Effective: 10/02/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1021 N. WYMORE ROAD (WESH) WINTER PARK, ORANGE, VARIOUS, FL

ANTENNA ID:	1	1.45 meters	SAT-LITE TECHNOLOGIES	SAT-LITE 1411
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14000.0000 - 14500.0000 MHz	24M0G7F	62.15 dBW	PSK DIGITAL VIDEO WITH DIGITAL AUDIO/DATA
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Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20170822-00939	E E030100	Intelsat License LLC
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Application for Modification

10/06/2003 - 10/06/2018

Grant of Authority

Date Effective: 10/03/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 17633 TECHNOLOGY BLVD., WASHINGTON, HAGERSTOWN, MD

39 ° 35 ' 59.60 " N LAT.

77 ° 45 ' 21.40 " W LONG.

ANTENNA ID:	MTN-C03	16.4 meters	VERTEX	16.4 THC
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5925.0000 - 6425.0000 MHz	36M0F8W	83.00 dBW	ANALOG VIDEO WITH ASSOCIATED CARRIERS
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5925.0000 - 6425.0000 MHz	800KFXW	79.30 dBW	ANALOG CARRIER
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5925.0000 - 6425.0000 MHz	72M0G7W	83.00 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO CARRIERS
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5925.0000 - 6425.0000 MHz	100KG7D	70.30 dBW	DIGITAL, DATA
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5850.0000 - 5925.0000 MHz	36M0F8W	83.00 dBW	ANALOG VIDEO WITH ASSOCIATED CARRIERS
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5850.0000 - 5925.0000 MHz	800KFXW	79.30 dBW	ANALOG CARRIER
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5850.0000 - 5925.0000 MHz	72M0G7W	83.00 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO CARRIERS
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5850.0000 - 5925.0000 MHz	100KG7D	70.30 dBW	DIGITAL, DATA
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3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO WITH ASSOCIATED CARRIERS
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3700.0000 - 4200.0000 MHz	800KFXW		ANALOG CARRIER
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3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VIDEO WITH ASSOCIATED AUDIO CARRIERS
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3700.0000 - 4200.0000 MHz	100KG7D		DIGITAL, DATA
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3625.0000 - 3700.0000 MHz	72M0G7W		DIGITAL VIDEO WITH ASSOCIATED AUDIO CARRIERS
3625.0000 - 3700.0000 MHz	36M0F8W		ANALOG VIDEO WITH ASSOCIATED CARRIERS
3625.0000 - 3700.0000 MHz	800KFXW		ANALOG CARRIER
3625.0000 - 3700.0000 MHz	100KG7D		DIGITAL, DATA
6421.5000 - 6425.0000 MHz	850KF7D	83.00 dBW	TT&C
6421.5000 - 6425.0000 MHz	1M20F7D	83.70 dBW	TT&C
5850.0000 - 5853.5000 MHz	850KF7D	83.00 dBW	TT&C
5850.0000 - 5853.5000 MHz	1M20F7D	83.70 dBW	TT&C
4199.2500 - 4199.2500 MHz	500KF7D		TT&C
4198.7500 - 4198.7500 MHz	500KF7D		TT&C
4198.2500 - 4198.2500 MHz	500KF7D		TT&C
4197.7500 - 4197.7500 MHz	500KF7D		TT&C

Points of Communication:

- 1 - INTELSAT 37e (S2972) - (18.0 W.L.)
 - 1 - INTELSAT 805 (S2404) - (304.5 E.L.)
 - 1 - INTELSAT AOR - (310.0 E.L.)
 - 1 - INTELSAT AOR - (325.5 E.L.)
 - 1 - INTELSAT AOR - (328.5 E.L.)
 - 1 - INTELSAT AOR - (330.5 E.L.)
 - 1 - INTELSAT AOR - (332.5 E.L.)
 - 1 - INTELSAT AOR - (335.5 E.L.)
 - 1 - INTELSAT AOR - (340.0 E.L.)
 - 1 - INTELSAT AOR - (342.0 E.L.)
 - 1 - INTELSAT AOR(S2398) - (307.0 E.L.)
 - 1 - PERMITTED LIST - ()
-

Date Effective: 09/27/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 840 NIRTH 40TH, LANCASTER, LINCOLN, NE
40 ° 49 ' 17.00 " N LAT.

96 ° 39 ' 44.00 " W LONG.

ANTENNA ID:	1	7 meters	MICRODYNE	SATRO-7M
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3700.0000 - 4200.0000 MHz 36M0F3F

ANTENNA ID: 2 4.6 meters SCIENTIFIC ATLANTA 8005CS

3700.0000 - 4200.0000 MHz 36M0F3F

Points of Communication:

1 - PERMITTED LIST - ()

Date Effective: 09/28/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: LEE, TUPELO, MS
34 ° 16 ' 18.40 " N LAT.

88 ° 42 ' 47.03 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008B

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

Date Effective: 10/02/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 401 SOUTH 6TH STREET, CHAMBERS, LANETT, AL
32 ° 51 ' 50.20 " N LAT. 85 ° 11 ' 34.40 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA TECH CORP SIMULSAT 5M
3700.0000 - 4200.0000 MHz 36M0F8W
STANDARD VIDEO WITH
ASSOCIATED AUDIO
SUB-CARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20171002-01090 E E020290 Kaufman Broadcast Services Corporation
Renewal 12/10/2017 - 12/10/2032
Grant of Authority Date Effective: 10/03/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID: 1 2.4 meters Vertex DMK
14000.0000 - 14500.0000 MHz 36M0G7W 74.10 dBW Digital Carrier, Various Modulation,
FEC and Data Rates. Combination of
Information
14000.0000 - 14500.0000 MHz 51K2G7W - 45.80 dBW Digital Carrier, Various Modulation,
FEC and Data Rates. Combination of
Information
14000.0000 - 14500.0000 MHz 36M0F3F 74.80 dBW Standard Video with Associated Audio
Sub-Carriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20170913-01017 E E4730 BFI Licenses, LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/26/2017

Class of Station:

On September 26 2017, BFI Licenses, LLC was granted special temporary authority for 60 days to continue to operate its fixed earth station in Stamford, CT to communicate with Permitted List satellites in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170914-01019 E SIS Live Ltd

Special Temporary Authority

Grant of Authority

Date Effective: 09/27/2017

Class of Station:

On September 27, 2017, SIS Live Ltd was granted special temporary authority to operate a 2.4-meter temporary-fixed earth station to communicate with the AMC 21 (S2676) satellite at the 124.9° W.L. orbital location on the following center frequencies: 14222-14240 MHz and 14246-14258 MHz (Earth-to-space).

Points of Communication:

SES-STA-20170915-01028 E E170137 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/26/2017

Class of Station:

On September 26, 2017, SES Americom, Inc. was granted special temporary authority for 60 days, beginning September 26, 2017, to operate a 7.6-meter fixed earth station in Mt. Airy, MD to communicate with the AMC-4 (S2135) satellite at the 134.9° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170918-01030 E E170090 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/28/2017

Class of Station:

On September 28, 2017, SES Americom, Inc. was granted special temporary authority for 60 days, beginning October 3, 2017, to operate a 9-meter fixed earth station in Somis, CA to provide telemetry, tracking and command (TT&C) services for the SES-10 (S2950) satellite at the 66.9° W.L. orbital location on the following center frequencies: 14005.0 MHz and 14499.0 MHz (Earth-to-space), and 11702.5 MHz and 12197.5 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170920-01042 E E160022 SES Americom, Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 10/02/2017

Class of Station:

On October 2, 2017, SES Americom, Inc. was granted special temporary authority for 30 days, beginning October 18, 2017, to perform in-orbit testing (IOT) for the SES-11 (S2964) satellite at the 142.5° W.L. orbital location in the 28.720 GHz, 29.375 GHz and 29.750 GHz (Earth-to-space), and 18.425 GHz, 18.920 GHz, and 19.950 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170925-01054 E Alaska Communications Internet, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/28/2017

Class of Station:

On September 28, 2017, Alaska Communications Internet, LLC, was granted special temporary authority for 60 days, beginning September 28, 2017, to operate its VSAT network authorization to add two 3.8-meter remote antennas to operate with the 2.4-meter hub antenna at Anchorage, AK and at St. Paul Island, AK to communicate with the Eutelsat 115WB satellite at the 114.9 ° W.L. orbital location in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170926-01056 E E140029 ISAT US Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 10/02/2017

Class of Station:

On October 2, 2017, ISAT US, Inc. was granted special temporary authority for 30 days, beginning October 2, 2017, to operate its fixed earth station in Chantilly, VA to communicate with Inmarsat 5F2 satellite at the 55° W.L. orbital location in the 29.5-30.0 GHz (Earth-to-space) and 19.7-20.2 GHz (space-to-Earth), to conduct testing of one EM Solutions Cobra ("EM Cobra") antenna, manufactured by EM Solutions.

Points of Communication:

SES-STA-20170926-01059 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/28/2017

Class of Station:

On September 28, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 30, 2017, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the BSAT-4A satellite (licensed by Japan) on the following frequencies: 1700.80 MHz and 17303.60 MHz (Earth-to-space), and 11702.90 MHz, and 11704.30 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170926-01060 E E120008 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/29/2017

Class of Station:

On September 29, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning October 2, 2017, to operate its fixed earth station in Paumalu, HI to provide telemetry, tracking and command (TT&C) services for the Intelsat 1R (S2368) satellite as it drifts from the 169.2° E.L. orbital location to the 157.1° E.L. orbital location in the 14.4985 GHz (Earth-to-space), and 11.696 GHz and 11.697 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20170926-01061 E E030100 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/28/2017

Class of Station:

On September 28, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning October 1, 2017, to operate its fixed earth station in Hagerstown, MD to provide: (1) launch and early orbit phase (LEOP) services for the Intelsat 37e satellite; (2) telemetry, tracking and command (TT&C) functions during in-orbit testing (IOT) for the Intelsat 37e satellite at the 17.5° W.L. orbital location; and (3) TT&C functions as Intelsat 37e drifts to the 18° W.L. orbital location. The operations will be performed in the 6421.5-6425.0 MHz and 5850.0-5853.5 MHz (Earth-to-space) frequency bands, and on the following center frequencies: 4197.75 MHz, 4189.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170926-01062 E E040125 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/28/2017

Class of Station:

On September 28, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 30, 2017, to operate its fixed earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the Intelsat 37e satellite on the following center frequencies: 5850-5853.50 MHz and 6421.50-6425 MHz (Earth-to-space) and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz and 4199.25 MHz (space-to-Earth).

Points of Communication:

SES-STA-20170929-01073 E ISAT US Inc.

Special Temporary Authority

Grant of Authority

Date Effective: 09/29/2017

Class of Station:

On September 29, 2017, ISAT US Inc. was granted special temporary authority for 30 days, beginning October 2, 2017, to operate all terminals authorized under call signs E140114, E140029 and E150097, to communicate with the Inmarsat 5F2 satellite at the 55° W.L. orbital location in the 29250-29350 MHz (Earth-to-space), and 19450-19550 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-T/C-20170818-00932 E E000251 Globecom License Sub LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 10/03/2017

Current Licensee: Globecom License Sub LLC

FROM: WASSERSTEIN COSMOS CO-INVEST, L.P.

TO: HCT Acquisition, LLC

No. of Station(s) listed: 3

SES-T/C-20170818-00933 E E010177 Globecom License Sub LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 10/03/2017

Current Licensee: Globecom License Sub LLC

FROM: WASSERSTEIN COSMOS CO-INVEST, L.P.

TO: HCT Acquisition, LLC

No. of Station(s) listed: 15

SURRENDER

SES-LIC-20120423-00382 E120070 CoverEdge, Inc.

License surrendered by letter filed on September 28, 2017.

SURRENDER

SES-MOD-20090223-00200 E860326 SageNet LLC

License surrendered by letter filed on September 27, 2017.

SES-RWL-20050928-01335 E950506 Ramar Communications, Inc.

License surrendered by letter filed on September 29, 2017.

SES-RWL-20091116-01460 E891043 SageNet LLC

License surrendered by letter filed on September 27 2017.

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