



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
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Report No. SES-01211

Wednesday January 13, 2010

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-20091005-01280 E E010011 DEERE & COMPANY

Amendment

Grant of Authority

Date Effective: 01/08/2010

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: Remote 1

LOCATION: up to 10,000 Receive-only METs in the United States

ANTENNA ID: StarFire 0.2 meters John Deere PF80385

1545.5450 - 1545.5450 MHz 2K50D1D BPSK / multi-point data leased services

1535.1525 - 1535.1525 MHz 2K50D1D BPSK

Points of Communication:

Remote 1 - ISAT List -

SES-AMD-20091201-01508 E E090210 Miami-Dade Fire Rescue

Amendment

Grant of Authority

Date Effective: 01/11/2010

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6000 SW 67 AVENUE, VARIOUS

ANTENNA ID: Keystone 1 4.6 meters ASC SIGNAL 4.6M TRIFOLD

14000.0000 - 14500.0000 MHz	36M0F1D	81.43 dBW	STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO, AND AUDIO
11700.0000 - 12200.0000 MHz	36M0F1D		STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO, AND AUDIO

Points of Communication:

1 - AMC-9 - (85 W.L.)

SES-AMD-20091201-01509 E E090209 Miami-Dade Fire Rescue
Amendment
Grant of Authority

Date Effective: 01/11/2010

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6000 SW 87 AVENUE, VARIOUS

ANTENNA ID: Keystone 2 4.6 meters ASC SIGNAL 4.6M TRIFOLD

14000.0000 - 14500.0000 MHz 36M0F1D 81.43 dBW STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO AND AUDIO

11700.0000 - 12200.0000 MHz 36M0F1D STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO AND AUDIO

Points of Communication:

1 - AMC-9 - (85 W.L.)

SES-ASG-20091214-01578 E E030091 SCRIPPS HOWARD PUBLISHING, INC.
Application for Consent to Assignment
Consummated

Date Effective: 12/31/2009

Current Licensee: Scripps Howard Broadcasting Company

FROM: SCRIPPS HOWARD BROADCASTING COMPANY

TO: SCRIPPS HOWARD PUBLISHING, INC.

No. of Station(s) listed: 27

SES-LIC-20080702-00871 E E080158 ALABAMA EDUCATIONAL TELEVISION COMMISSION (LICENSEE OF WLRH-FM)

Application for Authority

08/11/2008 - 08/11/2023

Grant of Authority

Date Effective: 08/11/2008

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Request for extension of time to complete construction is hereby GRANTED for an additional period of two (2) months from December 11, 2009 to February 11, 2010.

SITE ID: SITE 1
LOCATION: 201 EAST CAPITOL STREET, SE, WASHINGTON, DC
38 ° 53 ' 22.00 " N LAT. 77 ° 0 ' 10.00 " W LONG.

ANTENNA ID:	P1.8	1.8 meters	PATRIOT	TXEUT-180KU
	14000.0000 - 14500.0000 MHz	8M56G7D	66.30 dBW	COMPRESSED DIGITAL
	11700.0000 - 12200.0000 MHz	8M56G7D		COMPRESSED DIGITAL

Points of Communication:

SITE 1 - ALSAT - (ALSAT)

SES-LIC-20081113-01480	E E080232	NATIONAL PUBLIC RADIO	
Application for Authority			12/22/2008 - 12/22/2023
Grant of Authority			Date Effective: 12/22/2008

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Request for extension of time to complete construction is hereby GRANTED for an additional period of one year from December 22, 2009 to December 22, 2010.

SITE ID: 1
LOCATION: 1111 NORTH CAPITOL, District of Columbia, WASHINGTON, DC
38 ° 54 ' 14.80 " N LAT. 77 ° 0 ' 31.80 " W LONG.

ANTENNA ID:	3.8M.	3.8 meters	PRODELIN	1383
	3700.0000 - 4200.0000 MHz	150KF3D		ANALOG SCPC CARRIER
	3700.0000 - 4200.0000 MHz	76K8G1D		DIGITAL TRAFFIC VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
	3700.0000 - 4200.0000 MHz	76K8G7W		DIGITAL TRAFFIC VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
	5925.0000 - 6425.0000 MHz	150KF3D	55.94 dBW	ANALOG SCPC CARRIER
	5925.0000 - 6425.0000 MHz	1M85G7W	60.06 dBW	DIGITAL TRAFFIC VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
	5925.0000 - 6425.0000 MHz	76K8G1D	55.83 dBW	DIGITAL TRAFFIC VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC
	5925.0000 - 6425.0000 MHz	76K8G7W	55.83 dBW	DIGITAL TRAFFIC VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC

3700.0000 - 4200.0000 MHz	1M85G7W	DIGITAL TRAFFIC VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC		
Points of Communication:				
1 - ALSAT - (ALSAT)				
SES-LIC-20091012-01312	E E090176	CapRock Communications, Inc.	01/08/2010 - 01/08/2025	
Application for Authority			Date Effective:	01/08/2010
Grant of Authority				
Class of Station:	Earth Stations on-board Vessels/VSAT			
Nature of Service:	Fixed Satellite Service			
SITE ID:	Oceans			
LOCATION:	Gulf of Mexico, US channers and waterway POR, AOR, Caribbean Sea, Gulf of Mexico, TX 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.			
ANTENNA ID:	Seatel9797	2.4 meters	Seatel	9797
3700.0000 - 4200.0000 MHz	1M85G7D	0.00 dBW	Digital	
3700.0000 - 4200.0000 MHz	200KG7W	0.00 dBW	Digital	
5925.0000 - 6425.0000 MHz	200KG7W	47.70 dBW	Digital	
5925.0000 - 6425.0000 MHz	1M85G7D	57.00 dBW	Digital	
Points of Communication:				
Oceans - ALSAT - (ALSAT)				
Oceans - INTELSAT 707 - (53 W.L.)				
Oceans - SATMEX 6 - (113 W.L.)				
Oceans - SATMEX-5 - (116.8 W.L.)				
SES-LIC-20091024-01355	E E090184	PetroCom License Corporation	01/08/2010 - 01/08/2025	
Application for Authority			Date Effective:	01/08/2010
Grant of Authority				
Class of Station:	Fixed Earth Stations			
Nature of Service:	Fixed Satellite Service			
SITE ID:	West Cameron 167			
LOCATION:	West Cameron 167, West Cameron 167, LA 29 ° 23 ' 16.00 " N LAT. 93 ° 28 ' 28.00 " W LONG.			
ANTENNA ID:	Prod 2.4m	2.4 meters	Prodelin	1251
3700.0000 - 4200.0000 MHz	2M90G7W	0.00 dBW	Digital	

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3700.0000 - 4200.0000 MHz	725KG7W	0.00 dBW	Digital
5925.0000 - 5999.0000 MHz	2M90G7W	49.50 dBW	Digital
5925.0000 - 5999.0000 MHz	725KG7W	43.50 dBW	Digital
6010.0000 - 6251.0000 MHz	725KG7W	43.50 dBW	Digital
6010.0000 - 6251.0000 MHz	2M90G7W	49.50 dBW	Digital
6262.0000 - 6425.0000 MHz	725KG7W	43.50 dBW	Digital
6262.0000 - 6425.0000 MHz	2M90G7W	49.50 dBW	Digital

Points of Communication:

West Cameron 167 - ALSAT - (ALSAT)

West Cameron 167 - AMC-3 - (87 W.L.)

West Cameron 167 - SATMEX 6 - (113 W.L.)

West Cameron 167 - SATMEX-5 - (116.8 W.L.)

SES-LIC-20091123-01490	E	E090209	Miami-Dade Fire Rescue	01/11/2010 - 01/11/2025
Application for Authority				Date Effective:
Grant of Authority				01/11/2010

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6000 SW 87 AVENUE, VARIOUS

ANTENNA ID:	Keystone 2	4.6 meters	ASC SIGNAL	4.6M TRIFOLD
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14000.0000 - 14500.0000 MHz	36M0F1D	81.43 dBW	STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO, AND AUDIO
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11700.0000 - 12200.0000 MHz	36M0F1D		STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO, AND AUDIO
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Points of Communication:

1 - AMC-9 - (85 W.L.)

SES-LIC-20091123-01491	E	E090210	Miami-Dade Fire Rescue	01/11/2010 - 01/11/2025
Application for Authority				Date Effective:
Grant of Authority				01/11/2010

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6000 SW 87 AVENUE, VARIOUS

ANTENNA ID:	Keystone 1	4.6 meters	ASC SIGNAL	4.6M TRIFOLD
14000.0000 - 14500.0000 MHz	36M0F1D	81.43 dBW	STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO, AND AUDIO	
11700.0000 - 12200.0000 MHz	36M0F1D		STREAMING DATA CONTAINING IP, TELEPHONY, VIDEO, AND AUDIO	

Points of Communication:

1 - AMC-9 - (85 W.L.)

SES-MFS-20081031-01432	E KA313	Vizada, Inc.	02/20/2010 - 02/20/2025
Modification			Date Effective: 01/12/2010
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Earth Stations on-board Vessels, Fixed Satellite Service

SITE ID: (C-) Hub 14.2M

LOCATION: 2120 RIVER RD., NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	(C)14.2M	14.2 meters	TIW (C-band)	14.2M
6454.4000 - 6456.6000 MHz	1K20G1D	44.50 dBW	DIGITAL CARRIER	
6454.4000 - 6456.6000 MHz	600HG1D	44.50 dBW	DIGITAL CARRIER	
6454.4000 - 6456.6000 MHz	600HG2D	44.50 dBW	DIGITAL CARRIER	
6454.4000 - 6456.6000 MHz	1K20G2D	44.50 dBW	DIGITAL CARRIER	
6454.4000 - 6456.6000 MHz	2K40G2D	44.50 dBW	DIGITAL CARRIER	
6454.4000 - 6456.6000 MHz	10K5G2F	44.50 dBW	DIGITAL CARRIER	
6454.4000 - 6456.6000 MHz	2M20G1D	78.00 dBW	DIGITAL CARRIER	
6454.4000 - 6456.6000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER	
6425.0000 - 6454.0000 MHz	1K20G1D	44.50 dBW	DIGITAL CARRIER	
6425.0000 - 6454.0000 MHz	600HG1D	44.50 dBW	DIGITAL CARRIER	
6425.0000 - 6454.0000 MHz	600HG2D	44.50 dBW	DIGITAL CARRIER	

6425.0000 - 6454.0000 MHz	1K20G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2K40G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	10K5G2F	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	78.00 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER
6425.0000 - 6443.0000 MHz	NON	70.00 dBW	Communications Systems Monitoring & test Signals
6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW	Communications Systems Monitoring & test Signals
6417.5000 - 6443.0000 MHz	4K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	4K00G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	6K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	7K50G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G3E	70.00 dBW	
6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C
6170.0000 - 6180.0000 MHz	900KF2D	90.00 dBW	TT&C
5925.0000 - 6425.0000 MHz	36M0F8F	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	88.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	84.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	88.80 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	61.70 dBW	DIGITAL VOICE, AND DATA
4192.5000 - 4200.0000 MHz	3K00G1D		
4192.5000 - 4200.0000 MHz	4K00G1D		
4192.5000 - 4200.0000 MHz	4K00G3E		
4192.5000 - 4200.0000 MHz	7K50G3E		

4192.5000 - 4200.0000 MHz	12K0G1D	
4192.5000 - 4200.0000 MHz	12K0G3E	
4188.0000 - 4189.0000 MHz	1K00G1D	TT&C
3945.0000 - 3955.0000 MHz	1K00G1D	TT&C
3700.0000 - 4200.0000 MHz	36M0F8F	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W	DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-	DIGITAL VOICE AND DATA
3600.0000 - 3629.0000 MHz	2M20G1D	DIGITAL CARRIER
3600.0000 - 3623.0000 MHz	NON	Communications Systems Monitoring & test Signals
3600.0000 - 3623.0000 MHz	300KFXN	Communications Systems Monitoring & test Signals
3600.0000 - 3623.0000 MHz	3K00G1D	
3600.0000 - 3623.0000 MHz	4K00G1D	
3600.0000 - 3623.0000 MHz	4K00G3E	
3600.0000 - 3623.0000 MHz	7K50G3E	
3600.0000 - 3623.0000 MHz	12K0G1D	
3600.0000 - 3623.0000 MHz	12K0G3E	
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA

3600.0000 - 3629.0000 MHz	2K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W		DIGITAL DATA
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D		DIGITAL DATA

SITE ID: REMOTE 2
LOCATION: 1,000 (1.8M ANTENNAS) CONUS

ANTENNA ID: 1.8M 1.8 meters ANDREW 183

14000.0000 - 14500.0000 MHz	169KG7W	58.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	58.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
SITE ID:	REMOTE 1		
LOCATION:	1,000 (1.2M ANTENNAS) CONUS		
ANTENNA ID:	1.2M	1.2 meters	ANDREW
			123/124
SITE ID:	REMOTE 3 (2.4M)		
LOCATION:	500 (2.4M ANTENNAS) CONUS		
ANTENNA ID:	2.4M	2.4 meters	ANDREW
			243
14000.0000 - 14500.0000 MHz	169KG7W	61.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	61.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
SITE ID:	REMOTE .75 M		
LOCATION:	100 (.75 M antennas) CONUS		
ANTENNA ID:	.75M	0.75 meters	VISIOSAT
			VISIOSAT 75
14000.0000 - 14500.0000 MHz	1M52G7W	49.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	342KG7W	43.00 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
SITE ID:	REMOTE .90 M		
LOCATION:	250 (.90 M antennas) CONUS		
ANTENNA ID:	.90M	0.9 meters	VISIOSAT
			VISIOSAT 90
14000.0000 - 14500.0000 MHz	1M52G7W	50.60 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	342KG7W	44.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: REMOTE .96 M
LOCATION: 500 (.96 M antennas) CONUS

ANTENNA ID:	.96M	0.96 meters	ANDREW	TYPE 960
14000.0000 - 14500.0000 MHz		1M52G7W	51.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz		342KG7W	45.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz		3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz		54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: HUB 6.1 M
LOCATION: 2120 River Road, New Haven, Southbury, CT
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID:	(Hub)6.1M	6.1 meters	VERTEX	KPK
14000.0000 - 14500.0000 MHz		36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz		100KG7W	57.07 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		20M0G7W	80.08 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		2M29G7W	70.67 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		32K0G7W	52.13 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		36M0G7W	76.93 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		43K8G7W	53.49 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		45K0G7W	53.61 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		76K8G7W	55.93 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		9K00G7W	46.62 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		36M0G7W	71.70 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz		1M60G1F	69.12 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz		200KG1F	60.08 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz		400KG1F	63.10 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz		800KG1F	66.11 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	100KG7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	20M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M29G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	32K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	45K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	9K00G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	400KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
SITE ID: ESV/4003A			
LOCATION: Operate up to 550 remotes (1.0M), CONUS			
ANTENNA ID: 4003A	1 meters	SEATEL	4003A
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	45.80 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M40G7W	45.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
SITE ID: ESV/6006			
LOCATION: 400 (1.5 meters), CONUS			
ANTENNA ID: 6006	1.5 meters	SEATEL	6006
14000.0000 - 14500.0000 MHz	44K8G1W	40.00 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	43.00 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	45.30 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	194KG7W	46.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	291KG7W	48.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	388KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	445KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	452KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	81K0G7W	42.50 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	97K0G7W	43.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS
14000.0000 - 14500.0000 MHz	1M43G1W	52.00 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	52.00 dBW	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		
11450.0000 - 12200.0000 MHz	54M0G7W	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS		
11450.0000 - 12200.0000 MHz	81K0G7W	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS		
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	89K6G1W	SCPC USING QPSK AND BPSK MODULATION		
10950.0000 - 11200.0000 MHz	54M0G7W	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS		
10950.0000 - 11200.0000 MHz	81K0G7W	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS		
SITE ID:	(L) Hub 14.2M			
LOCATION:	2120 RIVER RD., NEW HAVEN, SOUTHBURY, CT			
	41 ° 27 ' 6.30 " N LAT.		73 ° 17 ' 16.40 " W LONG.	
ANTENNA ID:	(L)14.2M	14.2 meters	TIW (L-band)	DUAL
1626.5000 - 1660.5000 MHz	24K0F3E	36.00 dBW	ANALOG CARRIER	
1626.5000 - 1660.5000 MHz	NON	31.00 dBW	PILOT	
1626.5000 - 1660.5000 MHz	2K40G2D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	1K20G1D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	600HG1D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	600HG2D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	1K20G2D	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1660.5000 MHz	10K5G2F	36.00 dBW	DIGITAL CARRIER	
1626.5000 - 1649.5000 MHz	300KFXN	70.00 dBW	Communications Systems Monitoring & test Signals	
1574.4000 - 1576.6000 MHz	2K40G2D	DIGITAL CARRIER		
1574.4000 - 1576.6000 MHz	1K20G1D	DIGITAL CARRIER		
1574.4000 - 1576.6000 MHz	600HG1D	DIGITAL CARRIER		

1574.4000 - 1576.6000 MHz	600HG2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	1K20G2D		DIGITAL CARRIER
1574.4000 - 1576.6000 MHz	10K5G2F		DIGITAL CARRIER
1530.0000 - 1548.0000 MHz	600KFXN		Communications Systems Monitoring & test Signals
1530.0000 - 1548.0000 MHz	NON		Communications Systems Monitoring & test Signals
1525.0000 - 1559.0000 MHz	2K40G2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G1D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG1D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	600HG2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	1K20G2D		DIGITAL CARRIER
1525.0000 - 1559.0000 MHz	10K5G2F		DIGITAL CARRIER
SITE ID: (Ku) Hub 14.2M			
LOCATION: 2120 River Road, New Haven, Southbury, CT			
41 ° 27 ' 6.30 " N LAT.		73 ° 17 ' 16.40 " W LONG.	
ANTENNA ID: (Ku)14.2M	14.2 meters	TIW	14.2M
SITE ID: Hub 1.2M(Ku)			
LOCATION: 2120 River Road, New Haven, Southbury, CT			
41 ° 27 ' 6.30 " N LAT.		73 ° 17 ' 16.40 " W LONG.	
ANTENNA ID: (Hub)1.2M	1.2 meters	PRODELIN	1123
14000.0000 - 14500.0000 MHz	36M0G7W	63.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	64K0G7W	41.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	169KG7W	55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	55.30 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: ESV/4006
LOCATION: Operate up to 550 remotes (1.0M), CONUS

ANTENNA ID:	4006	1 meters	SEATEL	4006
	14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SCPC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	717KG1W	46.40 dBW	SCPC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SCPC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	908KG7W	47.40 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	1M40G7W	47.40 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
	11450.0000 - 11200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
	11450.0000 - 11200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION

11450.0000 - 11200.0000 MHz	89K6G1W	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	89K6G1W	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W	TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION

SITE ID: ESV/4996T

LOCATION: Operate up to 550 remotes (1.2M), CONUS

ANTENNA ID:	4996T	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		89K6G1W	SCPC USING QPSK AND BPSK MODULATION	
SITE ID:	Hub (8.1M)			
LOCATION:	2120 River Road, New Haven, Southbury, CT			
	41 ° 27 ' 6.30 " N LAT.		73 ° 17 ' 16.40 " W LONG.	
ANTENNA ID:	Vertex 8.1	8.1 meters	VERTEX	KPK
14000.0000 - 14500.0000 MHz		36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz		100KG7W	60.07 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		20M0G7W	83.08 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		2M29G7W	73.67 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		32K0G7W	55.13 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		36M0G7W	77.23 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		42M0G7W	86.31 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		43K8G7W	56.49 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		45K0G7W	56.61 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		76K8G7W	58.93 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		9K00G7W	49.62 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		72M0G7W	88.55 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz		36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz		1M60G1F	72.12 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz		200KG1F	63.08 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz		400KG1F	66.10 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz		800KG1F	69.11 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz		36M0F8W	ANALOG VIDEO	
11700.0000 - 12200.0000 MHz		100KG7W	QPSK, DIGITAL DATA	

11700.0000 - 12200.0000 MHz	20M0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M29G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	32K0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	42M0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K8G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	45K0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	9K00G7W	QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	1M60G1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	400KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	800KG1F	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

Points of Communication:

- (C-) Hub 14.2M - ALSAT - (ALSAT)
- (C-) Hub 14.2M - INMARSAT 4F3 - (97.65 W.L.)
- (C-) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)
- (C-) Hub 14.2M - INMARSAT Ltd-3 - (54 W.L.)
- (C-) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)
- (C-) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)
- (C-) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)
- (Ku) Hub 14.2M - ALSAT - (ALSAT)
- (Ku) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)
- (Ku) Hub 14.2M - INMARSAT Ltd-3 - (54 W.L.)

(Ku) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)

(Ku) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)

(Ku) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)

(L) Hub 14.2M - INMARSAT Ltd-3 - (15.5 W.L.)

(L) Hub 14.2M - INMARSAT Ltd-3 - (54 W.L.)

(L) Hub 14.2M - INMARSAT-2 AOR-EAST - (17 W.L.)

(L) Hub 14.2M - INMARSAT-2 AOR-WEST - (98 W.L.)

(L) Hub 14.2M - ISAT List -

(L) Hub 14.2M - MARISAT-F2 - (33.9 W.L.)

ESV/4003A - ALSAT - (ALSAT)

ESV/4003A - GALAXY 10R - (123 W.L.)

ESV/4003A - INTELSAT 705 - (50 W.L.)

ESV/4006 - ALSAT - (ALSAT)

ESV/4006 - GALAXY 10R - (123 W.L.)

ESV/4006 - INTELSAT 705 - (50 W.L.)

ESV/4996T - ALSAT - (ALSAT)

ESV/4996T - GALAXY 10R - (123 W.L.)

ESV/4996T - INTELSAT 705 - (50 W.L.)

ESV/6006 - ALSAT - (ALSAT)

ESV/6006 - GALAXY 10R - (123 W.L.)

ESV/6006 - INTELSAT 705 - (50 W.L.)

Hub (8.1M) - ALSAT - (ALSAT)

Hub (8.1M) - INMARSAT Ltd-3 - (15.5 W.L.)

Hub (8.1M) - INMARSAT Ltd-3 - (54 W.L.)

Hub (8.1M) - INMARSAT-2 AOR-EAST - (17 W.L.)

Hub (8.1M) - INMARSAT-2 AOR-WEST - (98 W.L.)

Hub (8.1M) - MARISAT-F2 - (33.9 W.L.)

HUB 6.1 M - ALSAT - (ALSAT)

REMOTE .75 M - NSS-7 - (338.5 E.L.)

REMOTE .90 M - NSS-7 - (338.5 E.L.)

REMOTE .96 M - NSS-7 - (338.5 E.L.)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 3 (2.4M) - ALSAT - (ALSAT)

SES-MFS-20081216-01619 E E010011 DEERE & COMPANY

Modification

10/09/2001 - 10/09/2011

Grant of Authority

Date Effective: 01/08/2010

Class of Station: Mobile Earth Station

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

SITE ID: Remote 1

LOCATION: up to 10,000 Receive-only METs in the United States

ANTENNA ID: StarFire 0.2 meters John Deere PF80385

1545.5450 - 1545.5450 MHz 2K50D1D BPSK / multi-point data leased services

1535.1525 - 1535.1525 MHz 2K50D1D BPSK

Points of Communication:

Remote 1 - ISAT List -

SES-MFS-20090811-00988 E E060157 CapRock Communications, Inc.

Modification

08/14/2006 - 08/14/2021

Grant of Authority

Date Effective: 01/07/2010

Class of Station: Other

Nature of Service: Earth Stations on-board Vessels, Fixed Satellite Service, Other

SITE ID: ESV

LOCATION: 4400 S. Sam Houston Pkwy. E., Houston, TX

ANTENNA ID: ESV4996 1.2 meters Seatel 4996

11700.0000 - 12200.0000 MHz 200KG7D 0.00 dBW Digital

11700.0000 - 12200.0000 MHz 1M85G7D Digital

14000.0000 - 14500.0000 MHz 200KG7D 40.50 dBW Digital

11700.0000 - 12200.0000 MHz 1M92G7D Digital

11700.0000 - 12200.0000 MHz 3M85G7D Digital

11700.0000 - 12200.0000 MHz 5M76G7D Digital

11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
14000.0000 - 14500.0000 MHz	100KG7D	37.00 dBW	Digital
14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	Digital
14000.0000 - 14500.0000 MHz	1M17G7D	47.80 dBW	Digital
14000.0000 - 14500.0000 MHz	1M56G7D	49.10 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
SITE ID: Oceans			
LOCATION: 4400 S. Sam Houston Pkwy, USA, Houston, TX			
ANTENNA ID: ESV4003	1 meters	Seatel	4003
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
11700.0000 - 12200.0000 MHz	390KG7D		Digital
14000.0000 - 14500.0000 MHz	100KG7D	37.00 dBW	Digital
14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
10950.0000 - 11200.0000 MHz	1M76G7W		Digital

10950.0000 - 11200.0000 MHz	2M41G7W		Digital
10950.0000 - 11200.0000 MHz	3M52G7W		Digital
10950.0000 - 11200.0000 MHz	5M77G7W		Digital
11450.0000 - 11700.0000 MHz	1M76G7W		Digital
11450.0000 - 11700.0000 MHz	2M41G7W		Digital
11450.0000 - 11700.0000 MHz	3M52G7W		Digital
11450.0000 - 11700.0000 MHz	5M77G7W		Digital
12500.0000 - 12750.0000 MHz	1M76G7W		Digital
12500.0000 - 12750.0000 MHz	2M41G7W		Digital
12500.0000 - 12750.0000 MHz	3M52G7W		Digital
12500.0000 - 12750.0000 MHz	5M77G7W		Digital
ANTENNA ID: ESV4006 1 meters Seatel			4006
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
11700.0000 - 12200.0000 MHz	100KG7D		Digital
14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
10950.0000 - 11200.0000 MHz	1M76G7W		Digital
10950.0000 - 11200.0000 MHz	2M41G7W		Digital

10950.0000 - 11200.0000 MHz	3M52G7W		Digital
10950.0000 - 11200.0000 MHz	5M77G7W		Digital
11450.0000 - 11700.0000 MHz	1M76G7W		Digital
11450.0000 - 11700.0000 MHz	3M52G7W		Digital
11450.0000 - 11700.0000 MHz	5M77G7W		Digital
12500.0000 - 12750.0000 MHz	1M76G7W		Digital
12500.0000 - 12750.0000 MHz	2M41G7W		Digital
12500.0000 - 12750.0000 MHz	3M52G7W		Digital
12500.0000 - 12750.0000 MHz	5M77G7W		Digital
ANTENNA ID: ESV4996	1.2 meters	Seatel	4996
ANTENNA ID: ESV6006	1.5 meters	Seatel	6006
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
14000.0000 - 14500.0000 MHz	100KG7D	37.00 dBW	Digital
14000.0000 - 14500.0000 MHz	150KG7D	38.80 dBW	Digital
14000.0000 - 14500.0000 MHz	1M17G7D	47.80 dBW	Digital
14000.0000 - 14500.0000 MHz	1M56G7D	49.10 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital
10950.0000 - 11200.0000 MHz	1M76G7W		Digital

10950.0000 - 11200.0000 MHz	2M41G7W		Digital
10950.0000 - 11200.0000 MHz	3M52G7W		Digital
10950.0000 - 11200.0000 MHz	5M77G7W		Digital
11450.0000 - 11700.0000 MHz	1M76G7W		Digital
11450.0000 - 11700.0000 MHz	2M41G7W		Digital
11450.0000 - 11700.0000 MHz	3M52G7W		Digital
11450.0000 - 11700.0000 MHz	5M77G7W		Digital
12500.0000 - 12750.0000 MHz	1M76G7W		Digital
12500.0000 - 12750.0000 MHz	2M41G7W		Digital
12500.0000 - 12750.0000 MHz	3M52G7W		Digital
12500.0000 - 12750.0000 MHz	5M77G7W		Digital
ANTENNA ID: ESV9797 2.4 meters Seatel			9797
11700.0000 - 12200.0000 MHz	1M92G7D		Digital
11700.0000 - 12200.0000 MHz	3M85G7D		Digital
11700.0000 - 12200.0000 MHz	5M76G7D		Digital
11700.0000 - 12200.0000 MHz	7M68G7D		Digital
11700.0000 - 12200.0000 MHz	8M67G7D		Digital
11700.0000 - 12200.0000 MHz	150KG7D		Digital
14000.0000 - 14500.0000 MHz	100KG7D	37.00 dBW	Digital
14000.0000 - 14500.0000 MHz	1M17G7D	47.80 dBW	Digital
14000.0000 - 14500.0000 MHz	1M56G7D	49.10 dBW	Digital
14000.0000 - 14500.0000 MHz	200KG7D	40.00 dBW	Digital
14000.0000 - 14500.0000 MHz	300KG7D	41.80 dBW	Digital
14000.0000 - 14500.0000 MHz	390KG7D	43.00 dBW	Digital
14000.0000 - 14500.0000 MHz	50K0G7D	34.00 dBW	Digital
14000.0000 - 14500.0000 MHz	780KG7D	46.00 dBW	Digital

Points of Communication:

ESV - ALSAT - (ALSAT)

ESV - SATMEX-5 - (116.8 W.L.)

Oceans - SATMEX 6 - (113 W.L.)

Oceans - SATMEX-5 - (116.8 W.L.)

Oceans - TELSTAR 11 - (37.5 W.L.)

SES-MOD-20090220-00293 E E060445 HNS License Sub, LLC

Application for Modification

02/27/2007 - 02/27/2022

Grant of Authority

Date Effective: 01/12/2010

Class of Station: Other**Nature of Service:** Fixed Satellite Service

SITE ID: TFTR 74CM

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	Prodelin	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 KSPS, PSK, DIGITAL CARRIER
29250.0000 - 292500.000 MHz		650KG7W	47.00 dBW	512 KSPS, 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
ANTENNA ID:	74CM(TB)	0.74 meters	Raven	AN8-074R
29500.0000 - 30000.0000 MHz		650KG7W	47.00 dBW	512 KSPS, 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 KSPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
ANTENNA ID:	74CM(TC)	0.74 meters	Prodelin	AN8-074P
	29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KSPS, 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 KSPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KSPS, 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
SITE ID:	TFTR 98CM			
LOCATION:	10,000 (98cm) CONUS, AK, HI, PR, VI			
	0 ° 0 ' 0.00 " N LAT.		0 ° 0 ' 0.00 " W LONG.	
ANTENNA ID:	TFTR 98(2)	0.98 meters	Raven Mfg.Ltd.	AN-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
ANTENNA ID:	TFTR 98CM	0.98 meters	Prodelin	3980-131
	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
SITE ID:	TR 98CM			
LOCATION:	250,000 (98cm) CONUS, AK, HI, PR, VI			
	0 ° 0 ' 0.00 " N LAT.		0 ° 0 ' 0.00 " W LONG.	

ANTENNA ID:	TR 98CM(1)	0.98 meters	Prodelin	3980-131
	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
ANTENNA ID:	TR 98CM-2	0.98 meters	Raven Mfg. Ltd.	AN-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
SITE ID:	TR 74CM			
LOCATION:	500,000 (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	Prodelin	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 KSPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
ANTENNA ID:	74CM(FB)	0.74 meters	Prodelin	HNS1031929
ANTENNA ID:	74CM(FC)	0.74 meters	Raven	AN8-074R
SITE ID:	TR 1.8M			
LOCATION:	50,000 (1.8m) CONUS, AK, HI, PR, VI			
	0 ° 0 ' 0.00 " N LAT.		0 ° 0 ' 0.00 " W LONG.	
ANTENNA ID:	TR 1.8	1.8 meters	Prodelin	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

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

ANTENNA ID:	TR 1.2	1.2 meters	Prodelin	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

SITE ID: TR 3.5M
LOCATION: 50,000 (3.5m) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TR 3.5M	3.5 meters	Andrew	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

Points of Communication:

TFTR 74CM - DIRECTV 10 - (102.8 W.L.)
TFTR 74CM - DIRECTV 11 - (99.2 W.L.)
TFTR 74CM - SPACEWAY 1 - (103 W.L.)
TFTR 74CM - SPACEWAY 2 - (99 W.L.)
TFTR 74CM - SPACEWAY 3 - (94.95 W.L.)
TFTR 98CM - SPACEWAY 1 - (103 W.L.)
TFTR 98CM - SPACEWAY 2 - (99 W.L.)
TFTR 98CM - SPACEWAY 3 - (94.95 W.L.)
TR 1.2M - SPACEWAY 1 - (103 W.L.)
TR 1.2M - SPACEWAY 2 - (99 W.L.)
TR 1.2M - SPACEWAY 3 - (94.95 W.L.)
TR 1.8M - SPACEWAY 1 - (103 W.L.)
TR 1.8M - SPACEWAY 2 - (99 W.L.)

TR 1.8M - SPACEWAY 3 - (94.95 W.L.)

TR 3.5M - SPACEWAY 1 - (103 W.L.)

TR 3.5M - SPACEWAY 2 - (99 W.L.)

TR 3.5M - SPACEWAY 3 - (94.95 W.L.)

TR 74CM - DIRECTV 10 - (102.8 W.L.)

TR 74CM - DIRECTV 11 - (99.2 W.L.)

TR 74CM - SPACEWAY 1 - (103 W.L.)

TR 74CM - SPACEWAY 2 - (99 W.L.)

TR 74CM - SPACEWAY 3 - (94.95 W.L.)

TR 98CM - SPACEWAY 1 - (103 W.L.)

TR 98CM - SPACEWAY 2 - (99 W.L.)

SES-MOD-20090716-00869 E E080147 Intelsat LLC

Application for Modification

08/18/2008 - 08/18/2023

Grant of Authority

Date Effective: 01/08/2010

Class of Station: Other

Nature of Service: Earth Stations on-board Vessels

SITE ID: Seatel ESV

LOCATION: 2875 Fork Creek Church Road Operate up to 1200 .6M terminals, Ellenwood, GA

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 1 0.6 meters SEATEL 2406

14000.0000 - 14470.0000 MHz 4M10G7W 43.00 dBW Digital data services

14000.0000 - 14470.0000 MHz 2M05G7W 43.00 dBW Digital data services

14000.0000 - 14470.0000 MHz 1M02G7W 40.00 dBW Digital data services

11700.0000 - 12170.0000 MHz 4M10G7W Digital data services

11700.0000 - 12170.0000 MHz 2M05G7W Digital data services

11700.0000 - 12170.0000 MHz 1M02G7W Digital data services

ANTENNA ID: 2 0.6 meters AZIMUTH AZU-06

14000.0000 - 14470.0000 MHz 1M02G7W 39.70 dBW Digital data services

14000.0000 - 14470.0000 MHz 2M05G7W 42.70 dBW Digital data services

14000.0000 - 14470.0000 MHz 4M10G7W 43.00 dBW Digital data services

11700.0000 - 12170.0000 MHz	4M10G7W		Digital data services
11700.0000 - 12170.0000 MHz	2M05G7W		Digital data services
11700.0000 - 12170.0000 MHz	1M02G7W		Digital data services
ANTENNA ID: 3	0.6 meters	SEATEL	USAT24
11700.0000 - 12170.0000 MHz	1M02G7W		Digital data services
11700.0000 - 12170.0000 MHz	2M05G7W		Digital data services
11700.0000 - 12170.0000 MHz	4M10G7W		Digital data services
14000.0000 - 14500.0000 MHz	1M02G7W	38.50 dBW	Digital data services
14000.0000 - 14470.0000 MHz	2M05G7W	41.50 dBW	Digital data services
14000.0000 - 14470.0000 MHz	4M10G7W	43.00 dBW	Digital data services
Points of Communication:			
Seatel ESV - ALSAT - (ALSAT)			
SES-MOD-20091001-01264	E E040286	Intelsat LLC	
Application for Modification			04/18/2006 - 04/18/2021
Grant of Authority			Date Effective: 01/08/2010
Class of Station:	Temporary Fixed Earth Station		
Nature of Service:	Fixed Satellite Service		
SITE ID:	2.4m Transportable		
LOCATION:	22021 COMSAT Drive, USA, Clarksburg, MD		
	0 ° 0 ' 0.00 " N LAT.	0 ° 0 ' 0.00 " W LONG.	
ANTENNA ID: 1	2.4 meters	Vertex/RSI	2.4SF-KA
29500.0000 - 30000.0000 MHz	36M0G7W	64.10 dBW	Digital data, video and CSM SSG services
29500.0000 - 30000.0000 MHz	6K59G7W	26.80 dBW	Digital data, video and CSM SSG services
19700.0000 - 20200.0000 MHz	36M0G7W		Digital data, video and CSM SSG services
19700.0000 - 20200.0000 MHz	36M0G7W		Digital data, video and CSM SSG services
19700.0000 - 20200.0000 MHz	6K59G7W		Digital data, video and CSM SSG services
19700.0000 - 20200.0000 MHz	400KGXD		Telemetry and Ranging

29500.0000 - 30000.0000 MHz	800KFXD	56.00 dBW	Telecommand
Points of Communication:			
2.4m Transportable - IA-8 - (89 W.L.)			
2.4m Transportable - SPACEWAY 3 - (94.95 W.L.)			
SES-MOD-20091109-01421	E E090024	DIRECTV Enterprises, LLC	
Application for Modification			03/23/2009 - 03/23/2024
Grant of Authority			Date Effective: 01/08/2010
Class of Station:	Fixed Earth Stations		
Nature of Service:	Direct to Home Fixed Satellite, Fixed Satellite Service		
SITE ID:	CBC		
LOCATION:	3800 Via Oro Ave., Los Angeles, Long Beach, CA		
	33 ° 49 ' 44.30 " N LAT.	118 ° 12 ' 42.90 " W LONG.	
ANTENNA ID:	LBKA4	9.2 meters	Vertex RSI 9mKa-01-00
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	Modulation and Services PSK MOD Digital Video/Audio
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	Modulation and Services PSK MOD Digital Video/Audio
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services PSK MOD Digital Video/Audio
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services PSK MOD Digital Video/Audio
Points of Communication:			
CBC - DIRECTV 10 - (102.8 W.L.)			
CBC - DIRECTV 11 - (99 W.L.)			
CBC - DIRECTV 12 - (102.765 W)			
CBC - DIRECTV 8 (K) - (101 W.L.)			
CBC - DIRECTV 9S - (101 W.L.)			
CBC - SPACEWAY 1 - (103 W.L.)			
CBC - SPACEWAY 2 - (99 W.L.)			
SES-MOD-20091109-01422	E E090025	DIRECTV Enterprises, LLC	
Application for Modification			03/23/2009 - 03/23/2024
Grant of Authority			Date Effective: 01/08/2010
Class of Station:	Fixed Earth Stations		

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

SITE ID: LABC

LOCATION: 12800 Culver Boulevard, Los Angeles, Los Angeles, CA
33 ° 58 ' 59.20 " N LAT.

118 ° 25 ' 26.00 " W LONG.

ANTENNA ID:	LKA16	9.2 meters	Vertex RSI	9mKa-01-00
29250.0000 - 30000.0000 MHz	36M0G7W	69.50 dBW	Modulation and Services PSK MOD Digital Video/Audio	
28350.0000 - 28600.0000 MHz	36M0G7W	69.50 dBW	Modulation and Services PSK MOD Digital Video/Audio	
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services PSK MOD Digital Video/Audio	
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	Modulation and Services PSK MOD Digital Video/Audio	

Points of Communication:

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

LABC - DIRECTV 11 - (99 W.L.)

LABC - DIRECTV 12 - (102.765 W)

LABC - DIRECTV 8 (K) - (101 W.L.)

LABC - DIRECTV 9S - (101 W.L.)

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

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

SES-MOD-20091118-01475 E E940333 PanAmSat Licensee Corp.

Application for Modification

06/17/2004 - 06/17/2019

Grant of Authority

Date Effective: 01/08/2010

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2857 Fork Creek Church Road, DEKALB, ELLENWOOD, GA
33 ° 39 ' 49.00 " N LAT.

84 ° 16 ' 19.00 " W LONG.

ANTENNA ID:	1	13 meters	VERTEX	KPC
5925.0000 - 6425.0000 MHz	36M0F9W	87.00 dBW		
3700.0000 - 4200.0000 MHz	36M0F9W			

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20091124-01493 E E3131 CBS Corporation

Application for Modification

07/29/2001 - 07/29/2011

Grant of Authority

Date Effective: 01/12/2010

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 1.2 meters AVL TECHNOLOGIES 1200

14000.0000 - 14500.0000 MHz 36M0G7W 64.50 dBW ONE 36 MBIT MCPC DIGITAL
CARRIER FOR VOICE DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20091203-01545 E E020024 Broadcast Facilities, Inc.

Application for Modification

04/08/2002 - 04/08/2012

Grant of Authority

Date Effective: 01/12/2010

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 3030 ANDRITA STREET, LOS ANGELES, LOS ANGELES, CA

34 ° 6 ' 58.50 " N LAT.

118 ° 14 ' 39.70 " W LONG.

ANTENNA ID: 1 4.1 meters Comtech 5 Meter Offsat

5925.0000 - 6425.0000 MHz 36M0G7D 72.40 dBW Digital Data

5925.0000 - 6425.0000 MHz 4M00G7D 68.90 dBW Digital Data

5925.0000 - 6425.0000 MHz 36M0G7W 72.40 dBW Digital Video and Data

5925.0000 - 6425.0000 MHz 4M00G7W 68.90 dBW Digital Video and Data

5925.0000 - 6425.0000 MHz 36M0F3F 72.40 dBW Standard Video

3700.0000 - 4200.0000 MHz 36M0G7D Digital Data

3700.0000 - 4200.0000 MHz 4M00G7D Digital Data

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data Carrier

3700.0000 - 4200.0000 MHz	4M00G7W		Compressed Digital Video and data carrier
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video
ANTENNA ID: 2	4.8 meters	VERTEX	RSI 4.8 KPC-120
5925.0000 - 6425.0000 MHz	36M0G7W	74.33 dBW	DIGITAL VIDEO AND DATA
5925.0000 - 6425.0000 MHz	4M00G7W	64.78 dBW	DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	4M00G7W		DIGITAL VIDEO AND DATA
ANTENNA ID: 3	4.1 meters	COMTECH	5 METER OFFSAT
5925.0000 - 6425.0000 MHz	36M0G7D	72.40 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	4M00G7D	68.90 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0F3F	72.40 dBW	STANDARD VIDEO
5925.0000 - 6425.0000 MHz	36M0G7W	72.40 dBW	DIGITAL VIDEO AND DATA
5925.0000 - 6425.0000 MHz	4M00G7W	68.90 dBW	DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0G7D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	4M00G7D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0F3F		STANDARD VIDEO
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	4M00G7W		DIGITAL VIDEO AND DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20091216-01587	E KB82	Alascom, Inc.	01/06/2010 - 01/06/2025
Renewal			Date Effective: 01/11/2010
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1250 Eisela Road (Gilmore Creek E.S.), FAIRBANKS, AK

64 ° 58 ' 37.00 " N LAT.

147 ° 31 ' 3.00 " W LONG.

ANTENNA ID:	1	10 meters	ANDREW CORPORATION	ESA10-46
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5925.0000 - 6425.0000 MHz	25M0F8W	81.60 dBW
5925.0000 - 6425.0000 MHz	40K0F3E	49.90 dBW
5925.0000 - 6425.0000 MHz	2M50F6E	66.50 dBW
5925.0000 - 6425.0000 MHz	25M0F3E	72.60 dBW
5925.0000 - 6425.0000 MHz	310KG7W	53.00 dBW
5925.0000 - 6425.0000 MHz	1M76G7W	60.00 dBW
5925.0000 - 6425.0000 MHz	2M06G7W	61.00 dBW
5925.0000 - 6425.0000 MHz	15M1G7W	75.00 dBW
5925.0000 - 6425.0000 MHz	2M00G7W	76.20 dBW
5925.0000 - 6425.0000 MHz	30K0F3E	49.90 dBW
5925.0000 - 6425.0000 MHz	1M76G7W	56.20 dBW
3700.0000 - 4200.0000 MHz	25M0F3W	
3700.0000 - 4200.0000 MHz	17M5F3W	
3700.0000 - 4200.0000 MHz	30K0F3E	
3700.0000 - 4200.0000 MHz	1M76G7W	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20091223-01620	E E00046	Tri-State Christian TV, Inc.
Renewal		
Grant of Authority		

03/14/2010 - 03/14/2025
Date Effective: 01/08/2010

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 11717 ROUTE 37, WILLIAMSON, MARION, IL
37 ° 45 ' 54.10 " N LAT.

88 ° 57 ' 3.20 " W LONG.

ANTENNA ID:	2	4.1 meters	COMTECH	OFFSAT MN: 847130
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5925.0000 - 6425.0000 MHz	3M50G7F	65.90 dBW	COMPRESSED DIGITAL VIDEO/QPSK
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3700.0000 - 4200.0000 MHz	3M50G7F	COMPRESSED DIGITAL VIDEO/QPSK
ANTENNA ID: 1	4.1 meters	COMTECH
5925.0000 - 6425.0000 MHz	3M50G7F	65.90 dBW
3700.0000 - 4200.0000 MHz	3M50G7F	COMPRESSED DIGITAL VIDEO/QPSK
Points of Communication:		
1 - ALSAT - (ALSAT)		
SES-RWL-20091224-01621	E E900019	Spokane Television, Inc.
Renewal		01/05/2010 - 01/05/2025
Grant of Authority		Date Effective: 01/08/2010
Class of Station:	Fixed Earth Stations	
Nature of Service:	Domestic Fixed Satellite Service	
SITE ID:	1	
LOCATION:	50th and Regal, SPOKANE, SPOKANE, WA	
	47 ° 36 ' 29.00 " N LAT.	117 ° 22 ' 15.00 " W LONG.
ANTENNA ID: 1	9.2 meters	SATCOM TECH
6175.0000 - 6425.0000 MHz	36M0F3F	77.50 dBW
3700.0000 - 4200.0000 MHz	36M0F3F	
Points of Communication:		
1 - ALSAT - (ALSAT)		
SES-RWL-20091230-01640	E E990502	Gray Television Licensee, LLC
Renewal		01/24/2010 - 01/24/2025
Grant of Authority		Date Effective: 01/08/2010
Class of Station:	Temporary Fixed Earth Station	
Nature of Service:	Domestic Fixed Satellite Service	
SITE ID:	1	
LOCATION:	100 MILE RADIUS OF OMAHA, NORMALLY NE, VARIOUS	
ANTENNA ID: 1	2.4 meters	ANDREW ANTENNA CO.
14000.0000 - 14500.0000 MHz	4M0F3F-	76.50 dBW
14000.0000 - 14500.0000 MHz	36M0F3F	0.00 dBW
		ANALOG VIDEO WITH ASSOCIATED AUDIO
		ANALOG VIDEO WITH ASSOCIATED AUDIO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100104-00002 E E990501 TVL Broadcasting of Rhode Island, LLC

Renewal

01/05/2010 - 01/05/2025

Grant of Authority

Date Effective: 01/08/2010

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 25 CATAMORE BLVD., (WPRI-TV), PROVIDENCE, EAST PROVIDENCE, RI

ANTENNA ID: 1 1.8 meters AVL TECHNOLOGIES 1.8M SNG

14000.0000 - 14500.0000 MHz 36M0F8F 70.14 dBW ANALOG VIDEO W/ASSOCIATED
AUDIO SUBCARRIERS

14000.0000 - 14500.0000 MHz 24M0F8F 67.14 dBW ANALOG VIDEO W/ASSOCIATED
AUDIO SUBCARRIERS

14000.0000 - 14500.0000 MHz 24M0G7W 59.10 dBW PSK DIGITAL VIDEO W/DIGITAL
AUDIO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100104-00003 E E990505 Massaro Satellite Communications, Inc.

Renewal

01/05/2010 - 01/05/2025

Grant of Authority

Date Effective: 01/08/2010

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 2.4DMK

14000.0000 - 14500.0000 MHz 36M0F8F 76.08 dBW ANALOG VIDEO W/ASSOCIATED
AUDIO SUBCARRIERS

14000.0000 - 14500.0000 MHz 24M0F8F 73.08 dBW ANALOG VIDEO W/ASSOCIATED
AUDIO SUBCARRIERS

14000.0000 - 14500.0000 MHz 24M0G7F 65.10 dBW PSK DIGITAL VIDEO W/DIGITAL
AUDIO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100105-00004 E E990516 Mobile Satellite Connection, LLC
Renewal
Grant of Authority 01/28/2010 - 01/28/2025
Date Effective: 01/08/2010

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: (U.S. AND ITS TERRITORIES) MOBILE UNIT, VARIOUS

ANTENNA ID:	1	2.4 meters	COMSAT RSI	240V
14000.0000 - 14500.0000 MHz		8M60G7F	67.20 dBW	COMPRESSED DIGITAL VIDEO, 10.75 MBPS, 3/4 FEC
14000.0000 - 14500.0000 MHz		36M0F8F	76.20 dBW	STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100105-00006 E E890948 QUALCOMM Incorporated
Renewal
Grant of Authority 01/12/2010 - 01/12/2025
Date Effective: 01/08/2010

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 5954 Procyon Avenue, CLARK, LAS VEGAS, NV
36 ° 5 ' 45.00 " N LAT. 115 ° 14 ' 10.00 " W LONG.

ANTENNA ID:	1	6.1 meters	HARRIS	5346
14000.0000 - 14500.0000 MHz		36M0F3F	78.70 dBW	
14000.0000 - 14500.0000 MHz		2M00G1D	78.70 dBW	
11700.0000 - 12200.0000 MHz		36M0F3F		
11700.0000 - 12200.0000 MHz		2M00G1D		

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100105-00007 E KY97 Midcontinent Communications
Renewal
Grant of Authority 02/19/2010 - 02/19/2025
Date Effective: 01/11/2010

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: ELY, MN

47 ° 53 ' 44.00 " N LAT.

91 ° 52 ' 13.00 " W LONG.

ANTENNA ID: 1

4.5 meters

SCIENTIFIC ATLANTA

8005

3700.0000 - 4200.0000 MHz

36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100105-00008 E E900067 NW Communications of Texas, Inc.

Renewal

02/23/2010 - 02/23/2025

Grant of Authority

Date Effective: 01/08/2010

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1

2.6 meters

VERTEX 2.6 METER DMK

14000.0000 - 14500.0000 MHz

36M0F8W

77.10 dBW

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100106-00011 E WY70 Comcast of New Mexico/Pennsylvania, Inc.

Renewal

02/19/2010 - 02/19/2025

Grant of Authority

Date Effective: 01/11/2010

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: PERRY, NEWPORT, PA

40 ° 30 ' 17.00 " N LAT.

77 ° 7 ' 4.00 " W LONG.

ANTENNA ID: 1

4.6 meters

SCIENTIFIC ATLANTA

8005

3700.0000 - 4200.0000 MHz

36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100108-00048 E E000124 Qwest Broadband Services, Inc.
Renewal
Grant of Authority 03/08/2010 - 03/08/2025
Date Effective: 01/11/2010

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 2441 SOUTH 130 CIRCLE, DOUGLAS, OMAHA, NE
41 ° 14 ' 11.50 " N LAT. 96 ° 6 ' 53.80 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC-ATLANTA	8345
3700.0000 - 4200.0000 MHz		36M0F8F	ANALOG VIDEO WITH ASSOCIATED SUBCARRIERS	
3700.0000 - 4200.0000 MHz		36M0G7W	COMPRESSED VIDEO	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20100111-00059 E KX42 Bright House Networks, LLC
Renewal
Grant of Authority 02/19/2010 - 02/19/2025
Date Effective: 01/12/2010

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: KINGS, AVENAL, CA
36 ° 0 ' 27.00 " N LAT. 120 ° 6 ' 34.00 " W LONG.

ANTENNA ID:	1	4.6 meters	SCIENTIFIC ATLANTA	8005
3700.0000 - 4200.0000 MHz		36000F9		

Points of Communication:

1 - ALSAT - (ALSAT)

SES-STA-20091026-01356 E Northrop Grumman Space & Mission Systems Corporation
Special Temporary Authority
Grant of Authority Date Effective: 01/08/2010

Class of Station:

Special temporary authority is GRANTED for a period of 30 days beginning January 8, 2010 and ending February 8, 2010.

Points of Communication:

SES-STA-20091102-01408 E E070098 TerreStar License Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 01/07/2010

Class of Station:

Extension of special temporary authority is GRANTED with condition for an additional 90 days beginning November 13, 2009 and ending February 10, 2010.

Points of Communication:

SES-STA-20091102-01409 E TerreStar License Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 01/07/2010

Class of Station:

Extension of special temporary authority is GRANTED with condition for an additional 90 days beginning November 13, 2009 and ending February 10, 2010.

Points of Communication:

SES-STA-20091102-01410 E E090061 TerreStar License Inc.
Special Temporary Authority
Grant of Authority

Date Effective: 01/07/2010

Class of Station:

Extension of special temporary authority is GRANTED with condition for an additional 90 days beginning November 13, 2009 and ending February 10, 2010.

Points of Communication:

SES-STA-20091210-01570 E PetroCom License Corporation
Special Temporary Authority
Grant of Authority

Date Effective: 01/07/2010

Class of Station:

Special temporary authority is GRANTED for a period of 60 days beginning December 15, 2009 and ending February 12, 2010.

Points of Communication:

SES-T/C-20091110-01447 E E000689 Convergent Media Systems Corporation
Application for Consent to Transfer of Control
Grant of Authority

Date Effective: 01/11/2010

Current Licensee: Convergent Media Systems Corporation

FROM: THOMSON INC.

TO: Sony Electronics Inc.

No. of Station(s) listed: 3

Dismissal

SES-STA-20090807-00976 E010011 DEERE & COMPANY

Dismissal

Extension of special temporary authority is dismiss as Moot, due to license modification is granted. See File No. SES-MFS-20081216-01619.

SES-STA-20090819-01031 E060157 CapRock Communications, Inc.

Special temporary authority request is dismiss as Moot, due to underlying modification application is granted is File No. SES-MFS-20090811-00988.

SES-STA-20090909-01135 E030055 SkyWave Mobile Communications, Corp.

Special temporary authority is dismiss as Moot, due to Inmarsat 3F4 satellite located at 142 W.L. was added to the ISAT List as a point of communication pursuant to Inmarsat, Inc., Order, DA 08-2323, (Int'l Bur. rel. Oct. 21, 2008).

SES-STA-20091015-01321 E010011 DEERE & COMPANY

Extension of special temporary authority is dismiss as Moot, due to license modification is granted. See File No. SES-MFS-20081216-01619.

SES-STA-20091214-01580 E010011 DEERE & COMPANY

Extension of special temporary authority is dismiss as Moot, due to license modification is granted. See File No. SES-MFS-20081216-01619.

SES-STA-20091230-01635 KB34 Vizada, Inc.

Renewal of special temporary authority is dismiss as Moot, due to Inmarsat 2F1 satellite is added to the ISAT List, See Inmarsat plc, IBFS File Nos. SAT-PPL-20081219-00235 & SAT-APL-20090609-00068 (granted September 8, 2009).

INFORMATIVE

SES-RWL-20000114-00075 E900077 COMCAST OF COLORADO IV, LLC

Licensee has changed name only per letter request dated December 16, 2009.

SES-RWL-20000204-00151 E900139 COMCAST OF MINNESOTA/WISCONSIN, INC.

Licensee has changed name only per letter request dated December 16, 2009.

SES-RWL-20000207-00166 WZ62 COMCAST OF CALIFORNIA/CONNECTICUT/MICHIGAN, LLC

Licensee has changed name only per letter request dated December 16, 2009.

SES-STA-20090622-00777 KB34 Vizada, Inc.

The FCC has taken the administrative action of listing this request as granted. The request sought continuation of operations authorized in File No. SES-STA-20081029-01427. The stations operated during the requested period pursuant to Section 1.62 of the Commission's rules, subject to the conditions specified in the original authorization.

SES-STA-20090831-01097 KB34 Vizada, Inc.

The FCC has taken the administrative action of listing this request as granted. The request sought continuation of operations authorized in File No. SES-STA-20081029-01427. The stations operated during the requested period pursuant to Section 1.62 of the Commission's rules, subject to the conditions specified in the original authorization.

SES-STA-20091027-01370 KB34 Vizada, Inc.

The FCC has taken the administrative action of listing this request as granted. The request sought continuation of operations authorized in File No. SES-STA-20081029-01427. The stations operated during the requested period pursuant to Section 1.62 of the Commission's rules, subject to the conditions specified in the original authorization.

SURRENDER

SES-MOD-20080909-01182 E960071 HNS License Sub, LLC

Licensee has surrendered license per request 01-07-10.

SES-MOD-20080909-01186 E040228 HNS License Sub, LLC

Licensee has surrendered license per letter request dated January 7, 2010.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.