



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-01078

Wednesday October 22, 2008

## SATELLITE COMMUNICATIONS SERVICES

### RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AFS-20081014-01318 E WB36 Vizada, Inc.

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Mobile Satellite Service, Other

Vizada, Inc. amends its authorization to add the Inmarsat 4F3 satellite, to be located at 97.65 degrees W.L., as a Point of Communication via its WB36 earth station in Southbury, Connecticut.

SITE ID: SOUTHBURY

LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 5.30 " N LAT.

73 ° 17 ' 19.40 " W LONG.

ANTENNA ID:	21-C-NORM	12.8 meters	PHILCO FORD	12.8M
6424.0000 - 6454.0000 MHz		NON	62.00 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
6424.0000 - 6454.0000 MHz		34K0F3E	62.00 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz		2K40G7D-	51.10 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz		132KG7D	62.00 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz		2K40G1D-	51.10 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz		2M20G1D	62.00 dBW	BPSK, DATA

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6424.0000 - 6454.0000 MHz	5K60G1W	54.80 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	61.10 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	61.10 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	63.30 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM, DIGITAL TELEPHONY

	3600.0000 - 3629.0000 MHz		400KG1F		QPSK, DIGITAL VIDEO/DATA
	3600.0000 - 3629.0000 MHz		2M20G1D		BPSK SPREAD SPECTRUM DATA - NAVIGATION CLOSE LOOP
ANTENNA ID:	21-C-TT&C	12.8 meters	PHILCO FORD		12.8M
	5925.0000 - 6425.0000 MHz		36M0F8W	86.50 dBW	ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID:	21- L-BAND	12.8 meters	PHILCO FORD		12.8M
	1626.5000 - 1660.5000 MHz		NON	40.50 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
	1626.5000 - 1660.5000 MHz		34K0F3E	36.00 dBW	TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
	1626.5000 - 1660.5000 MHz		2K40G7D-	36.00 dBW	TEST BPSK, DATA/TDM
	1626.5000 - 1660.5000 MHz		132KG7D	36.00 dBW	TEST BPSK, DATA/TDM
	1626.5000 - 1660.5000 MHz		2K40G1D-	36.00 dBW	TEST BPSK, DATA
	1626.5000 - 1660.5000 MHz		2M20G1D	36.00 dBW	TEST BPSK, DATA
	1626.5000 - 1660.5000 MHz		5K60G1W-	36.00 dBW	TEST QPSK, DATA/FAX
	1626.5000 - 1660.5000 MHz		2K40G1W	36.00 dBW	TEST QPSK, DATA/FAX
	1626.5000 - 1660.5000 MHz		5K60G1E-	36.00 dBW	TEST QPSK, TELEPHONY
	1626.5000 - 1660.5000 MHz		24K0G1E	36.00 dBW	TEST QPSK, TELEPHONY
	1626.5000 - 1660.5000 MHz		40K0G1W	48.20 dBW	TEST 16QAM DIGITAL TELEPHONY
	1626.5000 - 1660.5000 MHz		400KG1F	36.00 dBW	TEST QPSK DIGITAL VIDEO/DATA
	1574.4000 - 1576.6000 MHz		2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
	1525.0000 - 1559.0000 MHz		NON		UNMODULATED AFC PILOT (CLOSE LOOP)
	1525.0000 - 1559.0000 MHz		34K0F3E		TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
	1525.0000 - 1559.0000 MHz		2K40G7D-		TEST BPSK, DATA/TDM
	1525.0000 - 1559.0000 MHz		132KG7D		TEST BPSK, DATA/TDM
	1525.0000 - 1559.0000 MHz		2K40G1D-		TEST BPSK, DATA
	1525.0000 - 1559.0000 MHz		2M20G1D		TEST BPSK, DATA

1525.0000 - 1559.0000 MHz			5K60G1W-	TEST QPSK, DATA/FAX	
1525.0000 - 1559.0000 MHz			2K40G1W	TEST QPSK, DATA/FAX	
1525.0000 - 1559.0000 MHz			5K60G1E-	TEST QPSK, TELEPHONY	
1525.0000 - 1559.0000 MHz			24K0G1E	TEST QPSK, TELEPHONY	
1525.0000 - 1559.0000 MHz			40K0G1W	TEST 16QAM DIGITAL TELEPHONY	
1525.0000 - 1559.0000 MHz			400KG1F	TEST QPSK DIGITAL VIDEO/DATA	
1525.0000 - 1559.0000 MHz			2M20G1D	TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP	
ANTENNA ID:	23A-C-NOR	10.4 meters	PHILCO FORD	10.4M	
6454.4000 - 6456.6000 MHz			2M20G1D	73.50 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6424.0000 - 6454.0000 MHz			NON	59.50 dBW	UNMODULATED AFC PILOT
6424.0000 - 6454.0000 MHz			34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz			2K40G7D-	48.60 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz			132KG7D	59.50 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz			2K40G1D-	48.60 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz			2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz			5K60G1W-	52.30 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz			24K0G1W	58.60 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz			5K60G1E-	52.30 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz			24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz			40K0G1W	60.80 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz			400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz			27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz			NON	50.80 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz			131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON

3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED ANAD UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
ANTENNA ID: 23A-C-TT&C	10.4 meters	PHILCO FORD	10.4M
5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 23B-L-BAND	1.8 meters	TRUE FOCUS	1.8M
1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM

1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	24K0G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK, DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: SBY30/VER	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 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	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA

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14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	100KG7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W		QPSK DIGITAL DATA

11450.0000 - 11700.0000 MHz	9K00G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
10700.0000 - 12750.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY
SITE ID: Ku-Band ESV Remotes			
LOCATION: Operate Up to 400 (1.5 m remotes) U.S. and International waters			
ANTENNA ID: SeaTel6006	1.5 meters	SEATEL	6006
10950.0000 - 11200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W		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
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		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
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
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
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
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
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
SITE ID:	S.BURY-SBY 30/VERTEX		
LOCATION:	2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT 41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.		
SITE ID:	Kuband ESV 4003A		
LOCATION:	Operate up to 250 (1.0 m Remotes) U.S. and International waters		
ANTENNA ID:	4003A	1 meters	SEATEL 4003A
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

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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
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		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	54M0G7W		TDM/TDMA 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
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
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

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
SITE ID: Kuband ESV 4006			
LOCATION: Operate up to 250 (1.0 m Remotes) U.S. and International waters			
ANTENNA ID: 4006	1 meters	SEATEL	4006
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
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
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
10950.0000 - 11200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		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	54M0G7W		TDM/TDMA 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
10950.0000 - 11200.0000 MHz	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DVB/MFTDMA 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	2M60G7W		DVB/MFTDMA USING QPSK AND BPSK MODULATION
SITE ID: Kuband ESV 4996T			
LOCATION: Operate up to 50 (1.2 m Remotes) U.S. and International waters			
ANTENNA ID: 4996T	1.2 meters	SEATEL	4996T
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
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION

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11450.0000 - 12200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
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 - 1220.0000 MHz	89K6G1W		SCPC USING QPSK AND BPSK MODULATION

**Points of Communication:**

Kuband ESV 4003A - ALSAT - (ALSAT)

Kuband ESV 4003A - ESTRELA DO SUL 1 - (63 W.L.)

Kuband ESV 4006 - ALSAT - (ALSAT)

Kuband ESV 4006 - ESTRELA DO SUL 1 - (63 W.L.)

Kuband ESV 4996T - ALSAT - (ALSAT)

Kuband ESV 4996T - ESTRELA DO SUL 1 - (63 W.L.)

Ku-Band ESV Remotes - ALSAT - (ALSAT)

Ku-Band ESV Remotes - ESTRELA DO SUL 1 - (63 W.L.)

S.BURY-SBY 30/VERTEX - ALSAT - (ALSAT)

S.BURY-SBY 30/VERTEX - AMAZONAS 1 - (61 W.L.)

S.BURY-SBY 30/VERTEX - AMOS-2 - (4.0 W.L.)

S.BURY-SBY 30/VERTEX - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - ALSAT - (ALSAT)

SOUTHBURY - AMAZONAS 1 - (61 W.L.)

SOUTHBURY - AMOS-2 - (4.0 W.L.)

SOUTHBURY - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - INMARSAT 4F2 - (52.75)

SOUTHBURY - INMARSAT 4F3 - (97.65 W.L.)

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SOUTHBURY - INMARSAT Ltd-3 - (15.5 W.L.)

SOUTHBURY - INMARSAT Ltd-3 - (54 W.L.)

SOUTHBURY - INMARSAT-2 AOR-WEST - (98 W.L.)

SOUTHBURY - MARISAT-F2 - (33.9 W.L.)

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**SES-AFS-20081014-01324**      E    WB36      Vizada, Inc.

Amendment

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service, Other

Amendment filed to submits a new FREQUENCY COORDINATION AND INTERFERENCE ANALYSIS REPORT for Port Fourchon, Louisiana, U.S.A.

SITE ID:      SOUTHBURY

LOCATION:      2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 5.30 " N LAT.

73 ° 17 ' 19.40 " W LONG.

ANTENNA ID:	21-C-NORM	12.8 meters	PHILCO FORD	12.8M
6454.4000 - 6456.6000 MHz		2M20G1D	80.70 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6424.0000 - 6454.0000 MHz		NON	62.00 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
6424.0000 - 6454.0000 MHz		34K0F3E	62.00 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz		2K40G7D-	51.10 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz		132KG7D	62.00 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz		2K40G1D-	51.10 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz		2M20G1D	62.00 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz		5K60G1W	54.80 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz		24K0G1W	61.10 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz		5K60G1E-	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz		24K0G1E	61.10 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz		40K0G1W	63.30 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz		400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz		27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER

5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM, DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA - NAVIGATION CLOSE LOOP
ANTENNA ID: 21-C-TT&C	12.8 meters	PHILCO FORD	12.8M
5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 21- L-BAND	12.8 meters	PHILCO FORD	12.8M
1626.5000 - 1660.5000 MHz	NON	40.50 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)

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1626.5000 - 1660.5000 MHz	34K0F3E	36.00 dBW	TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1626.5000 - 1660.5000 MHz	2K40G7D-	36.00 dBW	TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	132KG7D	36.00 dBW	TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz	2K40G1D-	36.00 dBW	TEST BPSK, DATA
1626.5000 - 1660.5000 MHz	2M20G1D	36.00 dBW	TEST BPSK, DATA
1626.5000 - 1660.5000 MHz	5K60G1W-	36.00 dBW	TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz	2K40G1W	36.00 dBW	TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz	5K60G1E-	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	24K0G1E	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz	40K0G1W	48.20 dBW	TEST 16QAM DIGITAL TELEPHONY
1626.5000 - 1660.5000 MHz	400KG1F	36.00 dBW	TEST QPSK DIGITAL VIDEO/DATA
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	2K40G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK DIGITAL VIDEO/DATA



1525.0000 - 1559.0000 MHz		2M20G1D	TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP	
ANTENNA ID:	23A-C-NOR	10.4 meters	PHILCO FORD	10.4M
6454.4000 - 6456.6000 MHz		2M20G1D	73.50 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6424.0000 - 6454.0000 MHz		NON	59.50 dBW	UNMODULATED AFC PILOT
6424.0000 - 6454.0000 MHz		34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz		2K40G7D-	48.60 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz		132KG7D	59.50 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz		2K40G1D-	48.60 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz		2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz		5K60G1W-	52.30 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz		24K0G1W	58.60 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz		5K60G1E-	52.30 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz		24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz		40K0G1W	60.80 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz		400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz		27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz		NON	50.80 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz		131KG2D	PCM/PSK/BI-PHASE TRACKING BEACON	
3700.0000 - 4200.0000 MHz		36M0F8W	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE	
3600.0000 - 3629.0000 MHz		NON	UNMODULATED AFC PILOT	
3600.0000 - 3629.0000 MHz		34K0F3E	FM TELEPHONY COMPANDED ANAD UNCOMPANDED	
3600.0000 - 3629.0000 MHz		2K40G7D-	BPSK, DATA/TDM	
3600.0000 - 3629.0000 MHz		132KG7D	BPSK, DATA/TDM	

3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
ANTENNA ID: 23A-C-TT&C	10.4 meters	PHILCO FORD	104.M
5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 23B-L-BAND	1.8 meters	TRUE FOCUS	1.8M
1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	24K0G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY

1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK, DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: SBY 30	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 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	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 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	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY

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13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	100KG7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
10700.0000 - 12750.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY

ANTENNA ID: KU-BAND 9 meters VERTEX 9KPK

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14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	100KG7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA

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11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W		QPSK DIGITAL DATA
13750.0000 - 14500.0000 MHz	36M0G7W	88.55 dBW	QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	100KG7W		
11700.0000 - 12200.0000 MHz	1M60G7W		
11700.0000 - 12200.0000 MHz	200KG1F		
11700.0000 - 12200.0000 MHz	20M0G7W		
11700.0000 - 12200.0000 MHz	2M29G7W		
11700.0000 - 12200.0000 MHz	32K0G7W		
11700.0000 - 12200.0000 MHz	36M0G8W		
11700.0000 - 12200.0000 MHz	36M0G7W		
11700.0000 - 12200.0000 MHz	400KG1F		
11700.0000 - 12200.0000 MHz	42M0G7W		
11700.0000 - 12200.0000 MHz	43K8G7W		
11700.0000 - 12200.0000 MHz	45K0G7W		
11700.0000 - 12200.0000 MHz	72M0G7W		
11700.0000 - 12200.0000 MHz	76K8G7W		
11700.0000 - 12200.0000 MHz	9K00G7W		
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO

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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	85.64 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	72M0G7W	88.55 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	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO

SITE ID: Ku-Band ESV Remotes

LOCATION: Operate Up to 400 (1.5 m remotes) U.S. and International waters

ANTENNA ID:	SeaTel6006	1.5 meters	SEATEL	6006
10950.0000 - 11200.0000 MHz	1M43G1W			SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W			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

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10950.0000 - 11200.0000 MHz	89K6G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		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
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
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
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
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
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
SITE ID:	SOUTHBURY-KU		
LOCATION:	2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT 41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.		
SITE ID:	C-band ESV Remotes		
LOCATION:	Operate up to 300 (2.4m Remotes) U.S. and International waters		
ANTENNA ID:	SeaTel9707	2.4 meters	SEATEL 9707
3700.0000 - 4200.0000 MHz	179KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	179KG1W	51.21 dBW	SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	134KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	1M43G1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	358KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	717KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	134KG1W	49.96 dBW	SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION

5925.0000 - 6425.0000 MHz	1M43G1W	57.80 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	358KG1W	54.22 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	717KG1W	57.23 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	89K6G1W	48.20 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.19 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
ANTENNA ID: SeaTel9797	2.4 meters	SEATEL	9797
3700.0000 - 4200.0000 MHz	179KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	179KG1W	51.21 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	134KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	1M43G1W		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	358KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	717KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W		SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	134KG1W	49.96 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION

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5925.0000 - 6425.0000 MHz	1M43G1W	58.80 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	358KG1W	54.22 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.19 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	717KG1W	57.23 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	89K6G1W	48.20 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION

**Points of Communication:**

C-band ESV Remotes - ALSAT - (ALSAT)

C-band ESV Remotes - NSS-7 - (338.5 E.L.)

Ku-Band ESV Remotes - ALSAT - (ALSAT)

Ku-Band ESV Remotes - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - ALSAT - (ALSAT)

SOUTHBURY - AMAZONAS 1 - (61 W.L.)

SOUTHBURY - AMOS-2 - (4.0 W.L.)

SOUTHBURY - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - INMARSAT 4F2 - (52.75)

SOUTHBURY - INMARSAT Ltd-3 - (15.5 W.L.)

SOUTHBURY - INMARSAT Ltd-3 - (54 W.L.)

SOUTHBURY - INMARSAT-2 AOR-WEST - (98 W.L.)

SOUTHBURY - MARISAT-F2 - (33.9 W.L.)

SOUTHBURY-KU - ALSAT - (ALSAT)

SOUTHBURY-KU - AMOS-2 - (4.0 W.L.)

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**SES-AMD-20081014-01319**      E E980274      Journal Broadcast Corporation  
Amendment

**Class of Station:**      Temporary Fixed Earth Station

**Nature of Service:**      Fixed Satellite Service

"AMD" TO SES-LIC-20081010-01317 to add signature for application.

SITE ID: KMTV Uplink Truck

LOCATION:

ANTENNA ID:	1	1.5 meters	ADVENT	NEWSSWIFT 1.5M
	14000.0000 - 14500.0000 MHz	10M0G7W	63.95 dBW	Digital Video w/Digital Audio/Data
	11700.0000 - 12200.0000 MHz	10M0G7W		Digital Video w/Digital Audio/Data

**Points of Communication:**

KMTV Uplink Truck - ALSAT - (ALSAT)

**SES-LIC-20081010-01317** E E980274 Journal Broadcast Corporation

Application for Authority

**Class of Station:** Temporary Fixed Earth Station

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.5 meters	ADVENT	NEWSSWIFT 1.5M
	14000.0000 - 14500.0000 MHz	10M0G7W	63.95 dBW	Digital Video w/Digital Audio/Data
	11700.0000 - 12200.0000 MHz	10M0G7W		Digital Video w/Digital Audio/Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20081010-01322** E E080224 INTELSAT LLC

Application for Authority

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: (M130-FL), VARIOUS

ANTENNA ID:	1	1.3 meters	SATELLITE INFORMATION SERVICES	M130
	14000.0000 - 14500.0000 MHz	110KG7W	39.90 dBW	DIGITAL
	11700.0000 - 12200.0000 MHz	110KG7W		DIGITAL
	14000.0000 - 14500.0000 MHz	13M5G7W	60.00 dBW	DIGITAL
	11700.0000 - 12200.0000 MHz	13M5G7W		DIGITAL

14000.0000 - 14500.0000 MHz	27M5G7W	64.00 dBW	DIGITAL
11700.0000 - 12200.0000 MHz	27M5G7W		DIGITAL
Points of Communication:			
1 - ALSAT - (ALSAT)			
1 - GALAXY 17 - (91 W.L.)			
1 - HORIZONS 2 - (74.05 DEG)			
SES-LIC-20081012-01325 E E080225 CapRock Communications, Inc.			
Application for Authority			
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	Murphy Oil Thunderha		
LOCATION:	Gulf of Mexico, LA		
	28 ° 15 ' 56.60 " N LAT.	88 ° 23 ' 56.10 " W LONG.	
ANTENNA ID:	1	2.4 meters	Seatel 9797
5925.0000 - 6425.0000 MHz	1M15G7W	43.65 dBW	Digital
3700.0000 - 4200.0000 MHz	1M15G7W	0.00 dBW	Digital
Points of Communication:			
Murphy Oil Thunderha - ALSAT - (ALSAT)			
Murphy Oil Thunderha - AMAZONAS 1 - (61 W.L.)			
Murphy Oil Thunderha - INTELSAT 707 - (53 W.L.)			
Murphy Oil Thunderha - INTELSAT AOR - (332.5 E.L.)			
Murphy Oil Thunderha - PAS-1R - (45.0 W.L.)			
Murphy Oil Thunderha - SATMEX 6 - (113 W.L.)			
Murphy Oil Thunderha - SATMEX-5 - (116.8 W.L.)			
SES-LIC-20081013-01321 E E080223 The MLB Network, LLC			
Application for Authority			
Class of Station:	Fixed Earth Stations		
Nature of Service:	Fixed Satellite Service		
SITE ID:	9.3M		
LOCATION:	40 Hartz Way, Hudson, Secaucus, NJ		
	40 ° 47 ' 2.40 " N LAT.	74 ° 4 ' 16.00 " W LONG.	
ANTENNA ID:	9.3M	9.3 meters	Andrew Corp. ESA9.3-46

3700.0000 - 4200.0000 MHz	51K2G7W		Digital traffic, various data rates, various FEC, various modulation
3700.0000 - 4200.0000 MHz	36M0G7W		Digital traffic, various data rates, various FEC, various modulation
5925.0000 - 6425.0000 MHz	51K2G7W	52.50 dBW	Digital traffic, various data rates, various FEC, various modulation
5925.0000 - 6425.0000 MHz	36M0G7W	80.90 dBW	Digital traffic, various data rates, various FEC, various modulation

**Points of Communication:**

9.3M - ALSAT - (ALSAT)

**SES-MFS-20080606-00715** E WB36 Vizada, Inc.

Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Other

Amendment filed to add Inmarsat 4F3 satellite at 97.65 deg W.L. orbital location and to add a new frequency coordination report. See File Nos. SES-AFS-20081014-01324 and SES-AFS-20081014-01318.

SITE ID: SOUTHBURY

LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 5.30 " N LAT.

73 ° 17 ' 19.40 " W LONG.

ANTENNA ID: 21-C-NORM 12.8 meters PHILCO FORD 12.8M

6454.4000 - 6456.6000 MHz	2M20G1D	80.70 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6424.0000 - 6454.0000 MHz	NON	62.00 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
6424.0000 - 6454.0000 MHz	34K0F3E	62.00 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	2K40G7D-	51.10 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	132KG7D	62.00 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D-	51.10 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	62.00 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W	54.80 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	61.10 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	61.10 dBW	QPSK, TELEPHONY

6424.0000 - 6454.0000 MHz	40K0G1W	63.30 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM, DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA - NAVIGATION CLOSE LOOP
ANTENNA ID: 21-C-TT&C	12.8 meters	PHILCO FORD	12.8M

5925.0000 - 6425.0000 MHz		36M0F8W	86.50 dBW	ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID:	21- L-BAND	12.8 meters	PHILCO FORD	12.8M
1626.5000 - 1660.5000 MHz		NON	40.50 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1626.5000 - 1660.5000 MHz		34K0F3E	36.00 dBW	TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1626.5000 - 1660.5000 MHz		2K40G7D-	36.00 dBW	TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz		132KG7D	36.00 dBW	TEST BPSK, DATA/TDM
1626.5000 - 1660.5000 MHz		2K40G1D-	36.00 dBW	TEST BPSK, DATA
1626.5000 - 1660.5000 MHz		2M20G1D	36.00 dBW	TEST BPSK, DATA
1626.5000 - 1660.5000 MHz		5K60G1W-	36.00 dBW	TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz		2K40G1W	36.00 dBW	TEST QPSK, DATA/FAX
1626.5000 - 1660.5000 MHz		5K60G1E-	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz		24K0G1E	36.00 dBW	TEST QPSK, TELEPHONY
1626.5000 - 1660.5000 MHz		40K0G1W	48.20 dBW	TEST 16QAM DIGITAL TELEPHONY
1626.5000 - 1660.5000 MHz		400KG1F	36.00 dBW	TEST QPSK DIGITAL VIDEO/DATA
1574.4000 - 1576.6000 MHz		2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz		NON		UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz		34K0F3E		TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1525.0000 - 1559.0000 MHz		2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz		132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz		2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz		2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz		5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz		2K40G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz		5K60G1E-		TEST QPSK, TELEPHONY



1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: 23A-C-NOR	10.4 meters	PHILCO FORD	10.4M
6454.4000 - 6456.6000 MHz	2M20G1D	73.50 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
6424.0000 - 6454.0000 MHz	NON	59.50 dBW	UNMODULATED AFC PILOT
6424.0000 - 6454.0000 MHz	34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	2K40G7D-	48.60 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	132KG7D	59.50 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D-	48.60 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W-	52.30 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	58.60 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	52.30 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	60.80 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	50.80 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT

3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED ANAD UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
ANTENNA ID: 23A-C-TT&C	10.4 meters	PHILCO FORD	104.M
5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
ANTENNA ID: 23B-L-BAND	1.8 meters	TRUE FOCUS	1.8M
1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX

1525.0000 - 1559.0000 MHz	24K0G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK, DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
ANTENNA ID: SBY 30	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 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	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 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	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA

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13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY
13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	100KG7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA

	11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
	10700.0000 - 12750.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
ANTENNA ID:	KU-BAND	9 meters	VERTEX	9KPK
	14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
	11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
	14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA
	14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA
	11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
	11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
	14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
	11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
	14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK DIGITAL DATA
	11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
	14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK DIGITAL DATA
	11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
	14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA
	11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA
	14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
	11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
	14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
	11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
	11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
	14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
	11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO

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14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	100KG7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W		QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W		QPSK DIGITAL DATA
13750.0000 - 14500.0000 MHz	36M0G7W	88.55 dBW	QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	100KG7W		
11700.0000 - 12200.0000 MHz	1M60G7W		
11700.0000 - 12200.0000 MHz	200KG1F		
11700.0000 - 12200.0000 MHz	20M0G7W		
11700.0000 - 12200.0000 MHz	2M29G7W		
11700.0000 - 12200.0000 MHz	32K0G7W		
11700.0000 - 12200.0000 MHz	36M0G8W		
11700.0000 - 12200.0000 MHz	36M0G7W		
11700.0000 - 12200.0000 MHz	400KG1F		
11700.0000 - 12200.0000 MHz	42M0G7W		
11700.0000 - 12200.0000 MHz	43K8G7W		
11700.0000 - 12200.0000 MHz	45K0G7W		
11700.0000 - 12200.0000 MHz	72M0G7W		

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11700.0000 - 12200.0000 MHz	76K8G7W		
11700.0000 - 12200.0000 MHz	9K00G7W		
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	85.64 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	72M0G7W	88.55 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	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO

SITE ID: Ku-Band ESV Remotes

LOCATION: Operate Up to 400 (1.5 m remotes) U.S. and International waters

ANTENNA ID: SeaTel6006      1.5 meters      SEATEL      6006

10950.0000 - 11200.0000 MHz      1M43G1W      SCPC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz      2M35G1W      SCPC USING QPSK AND BPSK MODULATION

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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
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		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
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
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
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
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
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
SITE ID:	SOUTHBURY-KU		
LOCATION:	2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT		
	41 ° 27 ' 5.00 " N LAT.	73 ° 17 ' 19.00 " W LONG.	
SITE ID:	C-band ESV Remotes		
LOCATION:	Operate up to 300 (2.4m Remotes) U.S. and International waters		
ANTENNA ID:	SeaTel9707	2.4 meters	SEATEL 9707
3700.0000 - 4200.0000 MHz	179KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	179KG1W	51.21 dBW	SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	134KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	1M43G1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	358KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	717KG1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W		SCPC CARRIERS USING 16&#8722; QAM, 8&#8722; QAM, 8&#8722; PSK, QPSK OR BPSK MODULATION

5925.0000 - 6425.0000 MHz	134KG1W	49.96 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	1M43G1W	57.80 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	358KG1W	54.22 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	717KG1W	57.23 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	89K6G1W	48.20 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.19 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
ANTENNA ID: SeaTel9797	2.4 meters	SEATEL	9797
3700.0000 - 4200.0000 MHz	179KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	179KG1W	51.21 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	134KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	1M43G1W		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	358KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	717KG1W		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION
3700.0000 - 4200.0000 MHz	89K6G1W		SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION

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5925.0000 - 6425.0000 MHz	134KG1W	49.96 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	1M43G1W	58.80 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	358KG1W	54.22 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.19 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	717KG1W	57.23 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION
5925.0000 - 6425.0000 MHz	89K6G1W	48.20 dBW	SCPC CARRIERS USING 16QAM, 8QAM, 8PSK, QPSK OR BPSK MODULATION

**Points of Communication:**

C-band ESV Remotes - ALSAT - (ALSAT)

C-band ESV Remotes - NSS-7 - (338.5 E.L.)

Ku-Band ESV Remotes - ALSAT - (ALSAT)

Ku-Band ESV Remotes - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - ALSAT - (ALSAT)

SOUTHBURY - AMAZONAS 1 - (61 W.L.)

SOUTHBURY - AMOS-2 - (4.0 W.L.)

SOUTHBURY - ESTRELA DO SUL 1 - (63 W.L.)

SOUTHBURY - INMARSAT 4F2 - (52.75)

SOUTHBURY - INMARSAT 4F3 - (97.65 W.L.)

SOUTHBURY - INMARSAT Ltd-3 - (15.5 W.L.)

SOUTHBURY - INMARSAT Ltd-3 - (54 W.L.)

SOUTHBURY - INMARSAT-2 AOR-WEST - (98 W.L.)

SOUTHBURY - MARISAT-F2 - (33.9 W.L.)

SOUTHBURY-KU - ALSAT - (ALSAT)

SOUTHBURY-KU - AMOS-2 - (4.0 W.L.)

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**SES-MFS-20081009-01308**    E E980388    Videocom Satellite Associates,inc

Modification

**Class of Station:**        Temporary Fixed Earth Station

**Nature of Service:**      Fixed Satellite Service

Modification filed to change from a fixed-transmit/receive earth station to a temporary-fixed earth station, to change the assigned frequencies to conventional C-band 5925-6425 MHz, to add designation points, and to add new emission designators.

SITE ID:            TES 4

LOCATION:          VARIOUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:    TES 4                    4.5 meters            ANDREW                    ESA

5925.0000 - 6425.0000 MHz            36M0F7F            70.00 dBW            COMPRESSED VIDEO

5925.0000 - 6425.0000 MHz            36M0F3F            72.60 dBW            ANALOG VIDEO

5925.0000 - 6425.0000 MHz            18M0F7F            68.00 dBW            COMPRESSED VIDEO

**Points of Communication:**

TES 4 - ALSAT - (ALSAT)

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**SES-MOD-20080930-01264**    E E960412    KTVQ Communications, Inc.

Application for Modification

**Class of Station:**        Temporary Fixed Earth Station

**Nature of Service:**      Fixed Satellite Service

"MOD" to change emission designator and related service.

SITE ID:            1

LOCATION:          VARIOUS

ANTENNA ID:    1                    1.8 meters            VERTEX                    DMK-1.8

14000.0000 - 14500.0000 MHz            36M0G7F            70.40 dBW            NTSC AND DIGITAL VIDEO WITH  
ASSOCIATED AUDIO SUB-CARRIER

11700.0000 - 12200.0000 MHz            36M0G7F

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20081006-01298**    E E000035    SPACENET SERVICES LICENSE SUB, INC.

Application for Modification

**Class of Station:**        Other

**Nature of Service:**      Fixed Satellite Service

Modification filed to add EchoStar 9 satellite as a point of communication, to add new antennas along with related technical parameters.

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SITE ID: REMOTE 2TF  
LOCATION: .75 M (500,000 UNITS) CONUS,AK,HI,PR,VI

ANTENNA ID:	0.75M TF	0.75 meters	ASC SIGNAL	TMC 75E
	14000.0000 - 14500.0000 MHz	100KG7D	35.50 dBW	38.4 KBPS, 1/2 RATE FEC, DPSK MODULATION (BPSK VARIANT), 100 KHZ BANDWIDTH, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	60K0G7D	35.50 dBW	38.4 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 60 KHZ BANDWIDTH DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	200KG7D	38.50 dBW	76.8 KBPS, 1/2 RATE FEC, DPSK MODULATION (BPSK VARIANT), 200 KHZ BANDWIDTH, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	120KG7D	38.50 dBW	76.8 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 120 KHZ BANDWIDTH, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	38.50 dBW	153.6KBPS, 1/2 RATE FEC, DPSK MODULATION (BPSK VARIANT), 400 KHZ BANDWIDTH, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	240KG7D	38.50 dBW	153.6 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 240 KHZ BANDWIDTH, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	38.50 dBW	307.2 KBPS, 1/2 RATE FEC, DPSK MODULATION (BPSK VARIANT), 800 KHZ BANDWIDTH, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	480KG7D	38.50 dBW	307.2 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 480 KHZ BANDWIDTH, DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	48K0G7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
	14000.0000 - 14500.0000 MHz	160KG7D	38.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
	14000.0000 - 14500.0000 MHz	1M20G7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
	14000.0000 - 14500.0000 MHz	242KG7D	41.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
	14000.0000 - 14500.0000 MHz	2M20G7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER

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14000.0000 - 14500.0000 MHz	598KG7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
14000.0000 - 14500.0000 MHz	298KG7D	41.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
11700.0000 - 12200.0000 MHz	425KG7D		128 KBPS, 1/2 RATE FEC, BPSK MODULATION, 425 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		256 KBPS, 1/2 RATE FEC, QPSK MODULATION, 400 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		256 KBPS, 1/2 RATE FEC, BPSK MODULATION, 800 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	600KG7D		384 KBPS, 1/2 RATE FEC, QPSK MODULATION, 600 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M20G7D		384 KBPS, 1/2 RATE FEC, BPSK MODULATION, 1,200 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		512 KBPS, 1/2 RATE FEC, QPSK MODULATION, 800 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		512 KBPS, 1/2 RATE FEC, BPSK MODULATION, 1,600 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M20G7D		768 KBPS, 1/2 RATE FEC, QPSK MODULATION, 1,200 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		768 KBPS, 1/2 RATE FEC, BPSK MODULATION, 2,400 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		1,024 KBPS, 1/2 RATE FEC, QPSK MODULATION, 1,600 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M20G7D		1,024 KBPS, 1/2 RATE FEC, BPSK MODULATION, 3,200 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7D		1,536 KBPS, 1/2 RATE FEC, QPSK MODULATION, 2,400 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	4M80G7D		1,536 KBPS, 1/2 RATE FEC, BPSK MODULATION, 4,800 KHZ BANDWIDTH, DIGITAL CARRIER

11700.0000 - 12200.0000 MHz	3M20G7D		2,048 KBPS, 1/2 RATE FEC, QPSK MODULATION, 3,200 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M40G7D		2,048 KBPS, 1/2 RATE FEC, BPSK MODULATION, 6,400 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M10G7D		3,500 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 6,100 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	8M10G7D		6,000 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 8,100 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	10M8G7D		8,000 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 10,800 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	16M2G7D		12,000 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 16,200 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	21M6G7D		16,000 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 21,600 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		26,700 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 36,000 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	43M2G7D		32,000 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 43,200 KHZ BANDWIDTH, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	54M0G7D		40,000 KSPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 54,000 KHZ BANDWIDTH, DIGITAL CARRIER
SITE ID:	Remote TF 75E		
LOCATION:	.75 M (10,000 UNITS) CONUS,AK,HI,PR,VI		
ANTENNA ID:	TF 75E	0.75 meters	ANDREW 75E
14000.0000 - 14500.0000 MHz	60K0G7D	35.50 dBW	38.4 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 60 KHZ BANDWIDTH DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	120KG7D	38.50 dBW	76.8 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 120 KHZ BANDWIDTH DIGITAL CARRIER

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14000.0000 - 14500.0000 MHz	100KG7D	35.50 dBW	38.4 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 100 KHZ BANDWIDTH DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	38.50 dBW	76.8 KBPS, 1/2 RATE FEC, DPSK MODULATION (BPSK VARIANT), 200 KHZ BANDWIDTH DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	240KG7D	38.50 dBW	153.6 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 240 KHZ BANDWIDTH DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	38.50 dBW	153.6 KBPS, 1/2 RATE FEC, DPSK MODULATION (BPSK VARIANT), 400 KHZ BANDWIDTH DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	480KG7D	38.50 dBW	307.2 KBPS, 1/2 RATE FEC, MSK MODULATION (QPSK VARIANT), 480 KHZ BANDWIDTH DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	38.50 dBW	307.2 KBPS, 1/2 RATE FEC, BPSK MODULATION (BPSK VARIANT), 800 KHZ BANDWIDTH DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	160KG7D	38.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
14000.0000 - 14500.0000 MHz	1M20G7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
14000.0000 - 14500.0000 MHz	242KG7D	41.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
14000.0000 - 14500.0000 MHz	298KG7D	41.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
14000.0000 - 14500.0000 MHz	2M20G7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
14000.0000 - 14500.0000 MHz	4840G7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
14000.0000 - 14500.0000 MHz	598KG7D	44.50 dBW	BPSK, QPSK, OR 8PSK DIGITALLY MODULATED CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		256 KBPS, 1/2 RATE FEC, QPSK MODULATION, 400 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	425KG7D		128 KBPS, 1/2 RATE FEC, BPSK MODULATION, 425 KHZ BANDWIDTH DIGITAL CARRIER



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11700.0000 - 12200.0000 MHz	600KG7D	384 KBPS, 1/2 RATE FEC, QPSK MODULATION, 600 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7D	256 KBPS, 1/2 RATE FEC, BPSK MODULATION, 800 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7D	512 KBPS, 1/2 RATE FEC, QPSK MODULATION, 800 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M20G7D	384 KBPS, 1/2 RATE FEC, BPSK MODULATION, 1,200 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M20G7D	768 KBPS, 1/2 RATE FEC, QPSK MODULATION, 1,200 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D	512 KBPS, 1/2 RATE FEC, BPSK MODULATION, 1,600 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	768 KBPS, 1/2 RATE FEC, BPSK MODULATION, 2,400 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D	1,024 KBPS, 1/2 RATE FEC, QPSK MODULATION, 1,600 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7D	1,536 KBPS, 1/2 RATE FEC, QPSK MODULATION, 2,400 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M20G7D	1,024 KBPS, 1/2 RATE FEC, BPSK MODULATION, 3,200 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M20G7D	2,048 KBPS, 1/2 RATE FEC, QPSK MODULATION, 3,200 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	4M80G7D	1,536 KBPS, 1/2 RATE FEC, BPSK MODULATION, 4,800 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M40G7D	2,048 KBPS, 1/2 RATE FEC, BPSK MODULATION, 6,400 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M10G7D	3,500 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 6,100 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	8M10G7D	6,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 8,100 KHZ BANDWIDTH DIGITAL CARRIER

11700.0000 - 12200.0000 MHz	10M8G7D		8,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 10,800 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	16M2G7D		12,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 16,200 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	21M6G7D		16,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 21,600 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		26,700 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 36,000 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	43M2G7D		32,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 43,200 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	54M0G7D		40,000 KBPS, 1/2, 2/3, 3/4, 5/6, 7/8 RATE FEC, QPSK MODULATION, 54,000 KHZ BANDWIDTH DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	26M0G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M40G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	16M2G7D	0.00 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M20G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	100KG7D	39.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M20G7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	42.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER

14000.0000 - 14500.0000 MHz	2M20G7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	300KG7D	42.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
SITE ID: Remote 2			
LOCATION: .75M-F (100,000 UNITS) CONUS,AK,HI,PR,VI			
ANTENNA ID: 0.75M-F	0.75 meters	ASC SIGNAL	TMC 75E
11700.0000 - 12200.0000 MHz	6M40G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	16M2G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	26M0G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M20G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	100KG7D	39.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M20G7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	42.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	2M20G7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	300KG7D	42.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER

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14000.0000 - 14500.0000 MHz	800KG7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
SITE ID: Remote 2 T/F			
LOCATION: .75M (1,000 UNITS) CONUS,AK,HI,PR,VI			
ANTENNA ID: .75M T/F	0.75 meters	ASC SIGNAL	TMC 75E
11700.0000 - 12200.0000 MHz	16M2G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	26M0G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M20G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M40G7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	100KG7D	39.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M20G7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	42.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	2M20G7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	300KG7D	42.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	45.10 dBW	BPSK, QPSK AND 8PSK MODULATED DIGITAL CARRIER

**Points of Communication:**

Remote 2 - ECHOSTAR -9 - (121 W.L.)

Remote 2 T/F - ECHOSTAR -9 - (121 W.L.)

REMOTE 2TF - AMC 2 - (85.0 W.L.)

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REMOTE 2TF - AMC-4 (formerl GE-4 - (101 W.L.)

REMOTE 2TF - AMC-5 (formerl GE-5 - (79 W.L.)

REMOTE 2TF - AMC-6 - (72 W.L.)

REMOTE 2TF - GE GSTAR 4 - (105 W.L.)

REMOTE 2TF - HORIZONS 2 - (74.05 DEG)

REMOTE 2TF - 1A-7 - (129 W.L.)

REMOTE 2TF - TELSTAR 7 - (129 W.L.)

Remote TF 75E - AMC 2 - (85.0 W.L.)

Remote TF 75E - AMC-5 (formerl GE-5 - (79 W.L.)

Remote TF 75E - GE GSTAR 4 - (105 W.L.)

Remote TF 75E - GE-2 - (85 W.L.)

Remote TF 75E - GE-4 - (101 W.L.)

Remote TF 75E - GE-6 - (81 WL)

Remote TF 75E - HORIZONS 2 - (74.05 DEG)

Remote TF 75E - TELSTAR 7 - (129 W.L.)

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**SES-MOD-20081009-01310**      E E030166      THE KROGER CO.

Application for Modification

**Class of Station:**      VSAT Network

**Nature of Service:**      Fixed Satellite Service

"MOD" to move the existing 7.2 meter hub earth station to a different location and to increase the authorized number of remote earth stations to 5,000 1.2 meter earth stations and 500 2.4 meter earth stations.

SITE ID:      HUB

LOCATION:      103 KNIGHTSBRIDGE DRIVE (7.2 METER) HUB, BUTLER, HAMILTON, OH  
39 ° 23 ' 2.00 " N LAT.      84 ° 34 ' 0.00 " W LONG.

ANTENNA ID:	HUB	7.2 meters	GENERAL DYNAMICS (VERTEX)	7.2 KXK
	14000.0000 - 14500.0000 MHz	2M60G1D	81.50 dBW	DIGITAL PHASE MODULATION QPSK
	11700.0000 - 12200.0000 MHz	2M60G1D		NULL

SITE ID:      REMOTE 1

LOCATION:      VSAT 1.2METER, CONUS, (5000 UNITS)

ANTENNA ID:	REMOTE 1	1.2 meters	CHANNEL MASTER	TYPE 123
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14000.0000 - 14500.0000 MHz	1M20G1D	43.20 dBW	DIGITAL PHASE MODULATION QPSK
11700.0000 - 12200.0000 MHz	1M20G1D		NULL
SITE ID:	REMOTE 2		
LOCATION:	VSAT 2.4METER, CONUS, (500 UNITS)		
ANTENNA ID:	REMOTE 2	2.4 meters	PRODELIN 1251
14000.0000 - 14500.0000 MHz	1M20G1D	49.10 dBW	DIGITAL PHASE MODULATION QPSK
11700.0000 - 12200.0000 MHz	1M20G1D		NULL
<b>Points of Communication:</b>			
HUB - ALSAT - (ALSAT)			
REMOTE 1 - ALSAT - (ALSAT)			
REMOTE 2 - ALSAT - (ALSAT)			
<hr/>			
<b>SES-MOD-20081015-01327</b> E E080018 EchoStar Corporation			
Application for Modification			
<b>Class of Station:</b> Fixed Earth Stations			
<b>Nature of Service:</b> Direct Broadcast Satellite Service			
Modification filed to change emission designator 24M0G1W to 24M0G7W, and to expand the coordinated frequency range.			
SITE ID:	Jackson		
LOCATION:	1230 Raymond Road, Hinds, Jackson, MS		
	32 ° 17 ' 15.50 " N LAT.	90 ° 14 ' 34.00 " W LONG.	
ANTENNA ID:	MST1	13.2 meters	Vertex 13.2 Meter
17310.0000 - 17790.0000 MHz	24M0G7W	79.80 dBW	Compressed Digital Video and Data
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Compressed Digital Video and Data
<b>Points of Communication:</b>			
Jackson - ECHOSTAR 10 - (110 W.L.)			
Jackson - ECHOSTAR 3 - (61.5 W.L.)			
Jackson - ECHOSTAR 5 - (129 W.L.)			
Jackson - ECHOSTAR 6 - (110 W.L.)			
Jackson - ECHOSTAR 7 - (119 W.L.)			
Jackson - ECHOSTAR 8 - (110 W.L.)			

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