



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>)
TTY (202) 418-2555

Report No. SES-01327

Wednesday March 9, 2011

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-LIC-20110304-00243 E E110028 RAM Comm Uplink **EZ**

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1.2M

LOCATION:

ANTENNA ID:	1.2M	1.2 meters	AVL Technologies	1.2
	14000.0000 - 14500.0000 MHz	36M0G7W	63.10 dBW	Digital traffic, various FEC, data rates, modulation
	14000.0000 - 14500.0000 MHz	51K2G7W	40.17 dBW	Digital traffic, various FEC, data rates, modulation

Points of Communication:

1.2M - PERMITTED LIST - ()

SES-LIC-20110307-00246 E E110029 Local TV Pennsylvania License, LLC

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.2 meters	MotoSat	1.2M
	14000.0000 - 14500.0000 MHz		2M00G7W	56.00 dBW
				Digital Video and Audio
	14000.0000 - 14500.0000 MHz		36M0G7W	64.00 dBW
				Digital Video and Audio

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20110308-00249 E E110030 Brigham Young University **EZ**
 Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: BYUSNG1

LOCATION:

ANTENNA ID:	B1.5M	1.59 meters	Advent Communications	Flydrive 150
	14000.0000 - 14500.0000 MHz		4M00G7F	60.38 dBW
				8PSK, digital video with assoc. digital audio

Points of Communication:

BYUSNG1 - PERMITTED LIST - ()

SES-MOD-20110131-00073 E E090029 COMTECH MOBILE DATACOM CORP.
 Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

"MOD to add points of communications, add two new site ids and delete one site id.

SITE ID: ISAT/ASDR

LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID:	9-ASDR/INT	0.315 meters	CMDC	CMDC-999-2020-PA
	1646.5000 - 1660.5000 MHz		200KG1D	13.00 dBW
				DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
	1631.5000 - 1645.5000 MHz		200KG1D	13.00 dBW
				DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
	1545.0000 - 1559.0000 MHz		200KG1D	0.00 dBW
				DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
	1530.0000 - 1544.0000 MHz		200KG1D	0.00 dBW
				DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile

ANTENNA ID:	10-ASDO/IN	0.047 meters	CMDC	CMDC-999-2021-PA
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1646.5000 - 1660.5000 MHz	200KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1631.5000 - 1645.5000 MHz	200KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1545.0000 - 1559.0000 MHz	200KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1530.0000 - 1544.0000 MHz	200KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile

SITE ID: MSV/ASDR
LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID: 9-ASDR/INT	0.315 meters	CMDC	CMDC-999-2020-PA
1646.5000 - 1660.5000 MHz	168KG1D	13.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	13.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile

ANTENNA ID: 10-ASDO/IN	0.047 meters	CMDC	CMDC-999-2021-PA
1646.5000 - 1660.5000 MHz	168KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 157,500 CPS, Data, Land Mobile

SITE ID: ISAT/HD
LOCATION: 20430 CENTURY BOULEVARD, MONTGOMERY, GERMANTOWN, MD

ANTENNA ID: 2-2010/EXT	0.15 meters	Sensor Systems	S65-8582-101
1646.5000 - 1660.5000 MHz	200KG7W	12.10 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	200KG7W	12.10 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical

1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 3-2010/EXT	0.06 meters	SCI Systems	MT-2010 external
1646.5000 - 1660.5000 MHz	200KG7W	11.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	11.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 4-2010/EXT	0.15 meters	SCI Systems	MT-2010 rl internal
1646.5000 - 1660.5000 MHz	200KG7W	12.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	12.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 5-2012/EXT	0.27 meters	Sensor Systems	S65-8282-301
1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 6-2012/INT	0.18 meters	PCTel	3481IZ-3
1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile

1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 7-2012/INT	0.18 meters	PCTel	3491IZ-3
1646.5000 - 1660.5000 MHz	200KG7W	13.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	13.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 8-203/EXT	0.19 meters	PCTel	3561AW-1/A
1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 11-C50/INT	0.1524 meters	PCTel	CMT-500
1646.5000 - 1660.5000 MHz	200KG7W	10.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	10.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
SITE ID: MSV/CONUS			
LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD			
ANTENNA ID: 1-2010/INT	0.15 meters	SCI Systems	MT-2010 internal
1646.5000 - 1660.5000 MHz	168KG1D	10.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	10.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	2-2010/EXT	0.15 meters	Sensor Systems	S65-8582-101
	1646.5000 - 1660.5000 MHz	168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	2-2011/EXT	0.15 meters	Sensor Systems	S65-8582-101
	1646.5000 - 1660.5000 MHz	168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	3-2010/EXT	0.06 meters	SCI Systems	MT-2010 external
	1646.5000 - 1660.5000 MHz	168KG1D	11.30 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.30 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	4-2010/INT	0.15 meters	SCI Systems	MT-2010 rl Internal
	1646.5000 - 1660.5000 MHz	168KG1D	12.30 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	12.30 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	5-203/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	5-2011/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	5-2012/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	6-2011/INT	0.18 meters	PCTel	3481IZ-3
	1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	6-2012/INT	0.18 meters	PCTel	3481IZ-3
	1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	6-203/INT	0.18 meters	PCTel	3481IZ-3
	1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	7-2011/INT	0.18 meters	PCTel	3491IZ-3
	1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	7-2012/INT	0.18 meters	PCTel	3491IZ-3
	1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 8-203/EXT	0.19 meters	PCTel	3561AW-1/A
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 11-C50/INT	0.1524 meters	PCTel	CMT-500
1646.5000 - 1660.5000 MHz	168KG1D	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
SITE ID: SKYTERRA	LOCATION: 20430 CENTURY BOULEVARD, MONTGOMERY, GERMANTOWN, MD		
ANTENNA ID: 10-ASDO/IN	0.047 meters	CMDC	CMDC-99-2021-PA
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	270KG7W	8.50 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	270KG7W	8.50 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	270KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 11-C50/INT	0.152 meters	PCTEL	CMT-500
1631.5000 - 1645.5000 MHz	270KG7W	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

1646.5000 - 1660.5000 MHz	270KG7W	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	270KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 9-ASDR/INT	0.315 meters	CMDC	CMDC-999-2020-PA
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	270KG7W	13.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	270KG7W	13.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 8-203/EXT	0.19 meters	PCTEL	3561AW-1/A
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	270KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	270KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 7-2012/INT	0.18 meters	PCTEL	3491IZ-3
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	270KG7W	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	270KG7W	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 5-2012/EXT	0.27 meters	SENSOR SYSTEMS	S65-8582-301
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical

1631.5000 - 1645.5000 MHz	270KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
1646.5000 - 1660.5000 MHz	270KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID: 2-2010/EXT	0.15 meters	SENSOR SYSTEMS	S65-8582-101
1631.5000 - 1645.5000 MHz	270KG7W	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
1646.5000 - 1660.5000 MHz	270KG7W	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical14
ANTENNA ID: 3-2010/EXT	0.06 meters	SCI SYSTEMS	MT-2010EXTERNAL
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	270KG7W	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	270KG7W	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 4-2010/EXT	0.15 meters	SCI SYSTEMS	MT-2010RL
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	270KG7W	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	270KG7W	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID: 6-2012/INT	0.18 meters	PCTEL	34811Z-3
1530.0000 - 1544.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

1631.5000 - 1645.5000 MHz	270KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	270KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	270KG7W		DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

Points of Communication:

ISAT/ASDR - ISAT List -

ISAT/HD - ISAT List -

MSV/ASDR - MSAT-1 - (106.5 W.L.)

MSV/ASDR - MSAT-2 - (100.95 W.L.)

MSV/ASDR - MSV-1 - (101 W.L.)

MSV/CONUS - MSAT-1 - (106.5 W.L.)

MSV/CONUS - MSAT-2 - (100.95 W.L.)

MSV/CONUS - MSV-1 - (101 W.L.)

SKYTERRA - SKYTERRA 1 - (101.3 W.L.)

SES-MOD-20110217-00174 E E930320 VIZADA, INC.

Application for Modification

Class of Station: Other

Nature of Service: Earth Stations on-board Vessels

"MOD" to add up to 500 Intellian 1.0 meter Ku−band, Model V110 remote Earth Station on Vessel (ESV) antennas to its authorization to provide ESV service via its Santa Paula, CA teleport, call sign E930320.

SITE ID: REMOTE-4 ESV

LOCATION: 350 (1.5 m antennas), CONUS

ANTENNA ID:	ESV-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	194KG7W	46.40 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	291KG7W	48.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	388KG7W	49.10 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	42.50 dBW	SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	43.40 dBW	SCPC AND TDM/TDMA 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
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	36M0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		SCPC USING QPSK ANAD BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		SCPC USING QPSK ANAD BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 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	2M35G1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		SCPC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	36M0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATION

SITE ID: SAPA19 (6.3M)
 LOCATION: 7676 PINE GROVE RD., VENTURA, SANTA PAULA, CA
 34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 29.40 " W LONG.

ANTENNA ID:	SAPA19	6.3 meters	VERTEX RSI	6.3	
	5925.0000 - 6425.0000 MHz		108KG7W	54.50 dBW	DIGITAL DATA
	5925.0000 - 6425.0000 MHz		203KG7W	49.40 dBW	DIGITAL DATA
	3700.0000 - 4200.0000 MHz		108KG7W		DIGITAL DATA
	3700.0000 - 4200.0000 MHz		203KG7W		DIGITAL DATA

SITE ID: Hub (4.5m)
 LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA
 34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 26.00 " W LONG.

ANTENNA ID:	Hub	4.5 meters	ANDREW	ESA-45	
	14000.0000 - 14500.0000 MHz		50K0G3D	51.30 dBW	DIGITAL SERVICES
	14000.0000 - 14500.0000 MHz		50K0F3X	57.30 dBW	DIGITAL SERVICES
	11700.0000 - 12200.0000 MHz		50K0G3D		DIGITAL SERVICES
	11700.0000 - 12200.0000 MHz		50K0F3X		DIGITAL SERVICES

SITE ID: REMOTE-1 ESV
 LOCATION: 250 (1.0 m antennas), CONUS

ANTENNA ID:	ESV-4003A	1 meters	SEATEL	4003A	
	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
	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
11450.0000 - 12200.0000 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	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
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		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: REMOTE-2 ESV
LOCATION: 250 (1.0 m antennas), CONUS

ANTENNA ID:	ESV-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	43.80 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	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	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

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: REMOTE-5 ESV				
LOCATION: 500 (1.05M. antennas), CONUS				
ANTENNA ID: ESV-V110	1.05 meters	INTELLIAN		V110
14000.0000 - 14500.0000 MHz	97K0G7W	39.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	49.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	48.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	47.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	37.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	47.10 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	46.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.10 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	49.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	49.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	49.80 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	194KG7W	42.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

Points of Communication:

Hub (4.5m) - ALSAT - (ALSAT)

Hub (4.5m) - SATMEX-5 - (116.8 W.L.)

REMOTE-1 ESV - ALSAT - (ALSAT)

REMOTE-1 ESV - SATMEX-5 - (116.8 W.L.)

REMOTE-2 ESV - ALSAT - (ALSAT)

REMOTE-2 ESV - SATMEX-5 - (116.8 W.L.)

REMOTE-3 ESV - ALSAT - (ALSAT)

REMOTE-3 ESV - SATMEX-5 - (116.8 W.L.)

REMOTE-4 ESV - ALSAT - (ALSAT)

REMOTE-4 ESV - SATMEX-5 - (116.8 W.L.)

REMOTE-5 ESV - ALSAT - (ALSAT)

SAPA19 (6.3M) - ALSAT - (ALSAT)

SAPA19 (6.3M) - NSS 9 - (177 W.L.)

SES-MOD-20110222-00189 E E2208 ALASCOM, INC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"MOD" to change and add emission designators to provide voice and data services.

SITE ID: 1

LOCATION: NSN TIKILUK ST., ATKASUK, AK
70 ° 28 ' 47.40 " N LAT.

157 ° 24 ' 56.90 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA5-46A
5925.0000 - 6425.0000 MHz		57K0G7W	54.70 dBW	VARIOUS PSK & QAM-VOICE AND DATA
5925.0000 - 6425.0000 MHz		13M9G7W	60.80 dBW	VARIOUS PSK & QAM-VOICE AND DATA
5925.0000 - 6425.0000 MHz		29K0G1D	51.70 dBW	VARIOUS PSK & QAM-DATA
3700.0000 - 4200.0000 MHz		57K0G7W		VARIOUS PSK & QAM-VOICE AND DATA
3700.0000 - 4200.0000 MHz		13M9G7W		VARIOUS PSK & QAM-VOICE AND DATA
3700.0000 - 4200.0000 MHz		29K0G1D		VARIOUS PSK & QAM-DATA
3700.0000 - 4200.0000 MHz		13M9G1D		VARIOUS PSK & QAM-DATA
5925.0000 - 6425.0000 MHz		13M9G1D	60.80 dBW	VARIOUS PSK & QAM-DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20110222-00190 E E2274 ALASCOM, INC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"MOD" to add and change emission designators to provide voice and data services.

SITE ID: 1
LOCATION: AKHIOK, AKHIOK, AK
56 ° 56 ' 46.20 " N LAT. 154 ° 10 ' 1.40 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW	ESA45T	
	5925.0000 - 6425.0000 MHz		57K0G7W	54.40 dBW	VARIOUS PSK & QAM-VOICE AND DATA
	5925.0000 - 6425.0000 MHz		13M9G7W	59.50 dBW	VARIOUS PSK & QAM-VOICE AND DATA
	5925.0000 - 6425.0000 MHz		29K0G1D	51.40 dBW	VARIOUS PSK & QAM-DATA
	5925.0000 - 6425.0000 MHz		13M9G1D	59.50 dBW	VARIOUS PSK & QAM-DATA
	3700.0000 - 4200.0000 MHz		57K0G7W		VARIOUS PSK & QAM-VOICE AND DATA
	3700.0000 - 4200.0000 MHz		13M9G7W		VARIOUS PSK & QAM-VOICE AND DATA
	3700.0000 - 4200.0000 MHz		29K0G1D		VARIOUS PSK & QAM-DATA
	3700.0000 - 4200.0000 MHz		13M9G1D		VARIOUS PSK & QAM-DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20110222-00191 E E2237 ALASCOM, INC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"MOD" to add and change emission designators to provide voice and data services.

SITE ID: 1
LOCATION: HOLY CROSS, AK
62 ° 12 ' 1.40 " N LAT. 159 ° 46 ' 12.90 " W LONG.

ANTENNA ID:	1	4.5 meters	ANDREW CORPORATION	ESA5-46A	
	5925.0000 - 6425.0000 MHz		57K0G7W	54.70 dBW	VARIOUS PSK & QAM-VOICE AND DATA
	5925.0000 - 6425.0000 MHz		13M9G7W	59.80 dBW	VARIOUS PSK & QAM-VOICE AND DATA
	5925.0000 - 6425.0000 MHz		29K0G1D	51.70 dBW	VARIOUS PSK & QAM-DATA
	5925.0000 - 6425.0000 MHz		13M9G1D	59.80 dBW	VARIOUS PSK & QAM-DATA

3700.0000 - 4200.0000 MHz	57K0G7W	VARIOUS PSK & QAM-VOICE AND DATA
3700.0000 - 4200.0000 MHz	13M9G7W	VARIOUS PSK & QAM-VOICE AND DATA
3700.0000 - 4200.0000 MHz	29K0G1D	VARIOUS PSK & QAM-DATA
3700.0000 - 4200.0000 MHz	13M9G1D	VARIOUS PSK & QAM-DATA

Points of Communication:

1 - ALSAT - (ALSAT)

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