



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-00854

Wednesday September 13, 2006

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-20060815-01373 E E060317 RIGNET SATCOM, INC.

Application for Authority

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service

This Application was filed with a Petition For Declaratory Ruling Under Section 310(B)(4) of The Communications Act of 1934, As Amended.

SITE ID: HUB 1

LOCATION: 17625 TECHNOLOGY BLVD. (9.3M. HUB), WASHINGTON, HAGERSTOWN, MD
39 ° 35 ' 56.60 " N LAT. 77 ° 45 ' 27.50 " W LONG.

ANTENNA ID: 9.3 KU 9.3 meters VERTEX 9.3 KPK

SITE ID: REMOTE 1

LOCATION: Various locations throughout the (1.2M. VSAT), VARIOUS, 500 UNITS

ANTENNA ID: R1 1.2 meters ANDREW CORP. TYPE 121

11700.0000 - 12200.0000 MHz 2M12G1W 0.00 dBW DIGITAL DATA. QPSK MODULATION. 23/29 FEC.

14000.0000 - 14500.0000 MHz 1M17G1W 47.10 dBW DIGITAL DATA. QPSK MODULATION. 2/3 FEC.

Points of Communication:

HUB 1 - INTELSAT 8 - (89 W.L.)

REMOTE 1 - INTELSAT 8 - (89 W.L.)

SES-MOD-20060823-01498 E E030029 LORAL SPACECOM CORPORATION

Application for Modification

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

"MOD" to add additional 1.2meter and 1.8meter antenna(s), new emission designators to its' existing Ku-band VSAT Network System earth station license, and also to correct the licensee name from Loral Skynet Network Services, Inc. as filed to reflect that it should have been filed under (Loral SpaceCom Corporation) per e-mail letter request dated September 6, 2006.

SITE ID: 1 HUB

LOCATION: 1305 INDUSTRIAL PARK ROAD (9.0M. HUB), SHENANDOAH, MT. JACKSON, VA
39 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID:	9.0M/V	9 meters	VERTEX	9 KPK	
	14000.0000 - 14500.0000 MHz		3M91G7W	67.00 dBW	QPSK 3MBPS HUB OUTBOUND TO VSAT
	14000.0000 - 14500.0000 MHz		8M79G7W	66.70 dBW	QPSK 8MBPS HUB OUTBOUND TO VSAT
	14000.0000 - 14500.0000 MHz		54M0G7W	75.00 dBW	QPSK 48MBPS 2/3 FEC
	11700.0000 - 12200.0000 MHz		324KG7W		QPSK 144 KBPS
	11700.0000 - 12200.0000 MHz		842KG7W		QPSK 384 KBPS
	11700.0000 - 12200.0000 MHz		4M41G7W		QPSK 2048 KBPS
	11700.0000 - 12200.0000 MHz		3M17G7W		QPSK 2048 KBPS, RATE 1/2 CODE
	11700.0000 - 12200.0000 MHz		380KG7W		QPSK 256 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz		750KG7W		QPSK 512 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz		1M50G7W		QPSK 1024 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz		3M00G7W		QPSK 2048 KBPS, TURBO CODE
	11700.0000 - 12200.0000 MHz		360KG7W		QPSK 144 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz		936KG7W		QPSK 384 KBPS, CONCATENATED CODE

11700.0000 - 12200.0000 MHz	2M45G7W		QPSK 1024 KBPS, CONCATENATED CODE
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11700.0000 - 12200.0000 MHz	4M90G7W		QPSK 2048 KBPS, CONCATENATED CODE
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SITE ID: REMOTE 1

LOCATION: (0.95M.VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 0.95M/R 0.95 meters RAYTHEON SMDS 2100

14000.0000 - 14500.0000 MHz	4M41G7W	44.70 dBW	QPSK 2048 KBPS
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14000.0000 - 14500.0000 MHz	842KG7W	44.70 dBW	QPSK 384 KBPS
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14000.0000 - 14500.0000 MHz	324KG7W	44.70 dBW	QPSK 144 KBPS
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14000.0000 - 14500.0000 MHz	3M17G7W	44.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
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14000.0000 - 14500.0000 MHz	360KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	936KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	2M45G7W	44.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	4M90G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	360KG7W	41.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	936KG7W	41.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	2M45G7W	41.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
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14000.0000 - 14500.0000 MHz	4M90G7W	41.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
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11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
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11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
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11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
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SITE ID: REMOTE 2
LOCATION: (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	1.2M/P	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz		3M17G7W	46.00 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz		324KG7W	46.00 dBW	QPSK 144 KBPS
14000.0000 - 14500.0000 MHz		842KG7W	46.00 dBW	QPSK 384 KBPS
14000.0000 - 14500.0000 MHz		4M41G7W	46.00 dBW	QPSK 2048 KBPS
14000.0000 - 14500.0000 MHz		380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		360KG7W	46.00 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	46.00 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	46.00 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	46.00 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz		8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz		3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	QPSK 48MBPS 2/3 FEC
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SITE ID: REMOTE 3

LOCATION: (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/P	1.8 meters	PRODELIN	1194
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14000.0000 - 14500.0000 MHz	4M41G7W	49.70 dBW	QPSK 2048 KBPS
14000.0000 - 14500.0000 MHz	842KG7W	49.70 dBW	QPSK 384 KBPS
14000.0000 - 14500.0000 MHz	324KG7W	49.70 dBW	QPSK 144 KBPS
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	380KG7W	52.50 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	52.70 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	52.70 dBW	QPSK 1025 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.70 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	75K0G7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE

14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 7

LOCATION: (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/CM	2.4 meters	CHANNEL MASTER	TYPE 240
14000.0000 - 14500.0000 MHz	380KG7W	55.10 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	58.00 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	58.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	58.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	54.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	58.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	58.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	58.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 4

LOCATION: (.96M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
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14000.0000 - 14500.0000 MHz	380KG7W	44.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	44.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	44.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	44.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	38.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	38.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	38.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	38.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 5
LOCATION: (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	1.2M/CM	1.2 meters	CHANNEL MASTER	TYPE 120
	14000.0000 - 14500.0000 MHz	380KG7W	46.30 dBW	QPSK 256 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	750KG7W	46.30 dBW	QPSK 512 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	1M50G7W	46.30 dBW	QPSK 1024 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	3M00G7W	46.30 dBW	QPSK 2048 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
	14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 6
LOCATION: (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	1.8M/CM	1.8 meters	CHANNEL MASTER	TYPE180
14000.0000 - 14500.0000 MHz		380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz		8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz		3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz 54M0G7W QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 8P

LOCATION: 1305 INDUSTRIAL PARK ROAD (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/PAT 2.4 meters PATRIOT TXFCC-240KU

14000.0000 - 14500.0000 MHz 380KG7W 55.00 dBW QPSK, 256KBPS, TURBOCODE, 2/3
FEC

14000.0000 - 14500.0000 MHz 3M00G7W 55.30 dBW QPSK 2048KBPS, TURBOCODE, 2/3
FEC

11700.0000 - 12200.0000 MHz 3M91G7W QPSK, 3 MBPS, HUB OUTBOUND
TO VSAT

11700.0000 - 12200.0000 MHz 54M0G7W QPSK, 48 MBPS, HUB OUTBOUND
TO VSAT

SITE ID: REMOTE 9P

LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M/PAT 1.2 meters PATRIOT TXFCC-120KU

14000.0000 - 14500.0000 MHz 3M00G7W 43.30 dBW 2048KBPS 2/3FEC TURBO CODE

14000.0000 - 14500.0000 MHz 380KG7W 43.30 dBW 256 KBPS 2/3FEC TURBO CODE

11700.0000 - 12200.0000 MHz 54M0G7W 48 MBPS 2/3 FEC HUB OUTBOUND
TO VSAT

11700.0000 - 12200.0000 MHz 3M91G7W 3 MBPS 2/3 FEC HUB OUTBOUND
TO VSAT

SITE ID: REMOTE 10P

LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/PAT 1.8 meters PATRIOT TXFCC-180KU

14000.0000 - 14500.0000 MHz 3M00G7W 52.80 dBW QPSK, 2048 KBPS, 2/3 FEC
TURBOCODING

14000.0000 - 14500.0000 MHz 380KG7W 52.80 dBW QPSK, 256KBPS, 2/3 FEC
TURBOCODING

11700.0000 - 12200.0000 MHz 54M0G7W 48 MBPS 2/3 FEC HUB OUTBOUND
TO VSAT

11700.0000 - 12200.0000 MHz 3M91G7W 3 MBPS 2/3 FEC HUB OUTBOUND
TO VSAT

SITE ID: REMOTE 11PROD
LOCATION: 1305 INDUSTRIAL PARK ROAD (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	2.4M/PRO.	2.4 meters	PRODELIN	P24	
14000.0000 - 14500.0000 MHz			380KG7W	52.70 dBW	QPSK, 256KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz			750KG7W	52.60 dBW	QPSK, 512 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz			1M50G7W	52.90 dBW	QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz			3M00G7W	52.90 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz			360KG7W	52.40 dBW	QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
14000.0000 - 14500.0000 MHz			4M90G7W	52.90 dBW	QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz			54M0G7W		QPSK 48 MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz			3M91G7W		QPSK 3 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz			8M79G7W		QPSK 8 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz			380KG7W		QPSK, 256KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz			750KG7W		QPSK, 512 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz			1M50G7W		QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz			3M00G7W		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz			360KG7W		QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz			4M90G7W		QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE

SITE ID: REMOTE12
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID:	ENS 1.2 4W	1.2 meters	PATRIOT	TXFLY-120KU	
	14000.0000 - 14500.0000 MHz		356KG7W	48.20 dBW	395 QPSK
	14000.0000 - 14500.0000 MHz		693KG7W	48.20 dBW	770 QPSK
	11700.0000 - 12200.0000 MHz		356KG7W		395 QPSK
	11700.0000 - 12200.0000 MHz		693KG7W		770 QPSK

SITE ID: REMOTE13
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID:	ENS 1.2 2W	1.2 meters	PATRIOT	TXFLY-120KU	
	14000.0000 - 14500.0000 MHz		356KG7W	45.50 dBW	395 QPSK
	14000.0000 - 14500.0000 MHz		693KG7W	45.50 dBW	770 QPSK
	11700.0000 - 12200.0000 MHz		356KG7W		395 QPSK
	11700.0000 - 12200.0000 MHz		693KG7W		770 QPSK

SITE ID: REMOTE14
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID:	ENS 1.8 2W	1.8 meters	PATRIOT	TXFLY-180KU	
	14000.0000 - 14500.0000 MHz		356KG7W	49.00 dBW	395 QPSK
	14000.0000 - 14500.0000 MHz		693KG7W	49.00 dBW	770 QPSK
	11700.0000 - 12200.0000 MHz		356KG7W		395 QPSK
	11700.0000 - 12200.0000 MHz		693KG7W		770 QPSK

SITE ID: REMOTE15
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID:	ENS 1.8 4W	1.8 meters	PATRIOT	TXFLY-180KU	
	14000.0000 - 14500.0000 MHz		356KG7W	51.70 dBW	395 QPSK
	14000.0000 - 14500.0000 MHz		693KG7W	52.60 dBW	770 QPSK
	11700.0000 - 12200.0000 MHz		356KG7W		395 QPSK
	11700.0000 - 12200.0000 MHz		693KG7W		770 QPSK

Points of Communication:

1 HUB - ALSAT - (ALSAT)

1 HUB - TELSTAR 12 - (15 W.L.)

REMOTE 1 - TELSTAR 11 - (37.5 W.L.)

REMOTE 1 - TELSTAR 12 - (15 W.L.)

REMOTE 10P - ALSAT - (ALSAT)

REMOTE 11PROD - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 2 - TELSTAR 12 - (15 W.L.)

REMOTE 3 - ALSAT - (ALSAT)

REMOTE 3 - TELSTAR 12 - (15 W.L.)

REMOTE 4 - TELSTAR 12 - (15 W.L.)

REMOTE 5 - ALSAT - (ALSAT)

REMOTE 5 - TELSTAR 12 - (15 W.L.)

REMOTE 6 - ALSAT - (ALSAT)

REMOTE 6 - TELSTAR 12 - (15 W.L.)

REMOTE 7 - ALSAT - (ALSAT)

REMOTE 7 - TELSTAR 12 - (15 W.L.)

REMOTE 8P - ALSAT - (ALSAT)

REMOTE 9P - ALSAT - (ALSAT)

REMOTE12 - ALSAT - (ALSAT)

REMOTE13 - ALSAT - (ALSAT)

REMOTE14 - ALSAT - (ALSAT)

REMOTE15 - ALSAT - (ALSAT)

SES-MOD-20060824-01499 E E020101 LORAL SPACECOM CORPORATION

Application for Modification

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

"MOD" to add additional 1.2meter and 1.8meter antenna(s), new emission designators to communicate with it's existing Ku-band VSAT Network System licensed Hub station, and also to correct the licensee name from Loral Skynet Network Services, Inc. as filed to reflect that it should have been filed under (Loral SpaceCom Corporation) per e-mail letter request dated September 6, 2006.

SITE ID: REMOTE 0.95M
 LOCATION: VSAT (0.95M), CONUS, (5000 UNITS)

ANTENNA ID:	0.95M/R	0.95 meters	RAYTHEON	SMDS2100
	14000.0000 - 14500.0000 MHz	324KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	842KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M41G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	3M17G7W	49.50 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
	14000.0000 - 14500.0000 MHz	360KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	936KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	2M45G7W	44.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M90G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	360KG7W	41.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	936KG7W	41.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	2M45G7W	41.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
	14000.0000 - 14500.0000 MHz	4M90G7W	41.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
	11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
	11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 1.2M
LOCATION: VSAT (1.2M), CONUS, (5000 UNITS)

ANTENNA ID:	1.2M/P	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz		324KG7W	46.00 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		842KG7W	46.00 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M41G7W	46.00 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		3M17G7W	49.50 dBW	QPSK 2048 KBPS 1/2 FEC
14000.0000 - 14500.0000 MHz		380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		360KG7W	43.10 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	43.10 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	43.10 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	43.10 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz		3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 5
LOCATION: VSAT (0.96M), CONUS, (5000 UNITS)

ANTENNA ID:	0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
14000.0000 - 14500.0000 MHz	380KG7W	44.20 dBW	QPSK 256 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	750KG7W	44.20 dBW	QPSK 512 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	1M50G7W	44.20 dBW	QPSK 1024 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	3M00G7W	44.20 dBW	QPSK 2048 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	380KG7W	38.20 dBW	QPSK 256 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	750KG7W	38.20 dBW	QPSK 512 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	1M50G7W	38.20 dBW	QPSK 1024 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	3M00G7W	38.20 dBW	QPSK 2048 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	360KG7W	44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	44.20 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	44.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M90G7W	44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	360KG7W	38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M90G7W	38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE	

11700.0000 - 12200.0000 MHz	8M79G7W	QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W	QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W	QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 6
LOCATION: VSAT (1.2M), CONUS, (5000 UNITS)

ANTENNA ID:	1.2M.CM	1.2 meters	CHANNEL MASTER	TYPE 120
14000.0000 - 14500.0000 MHz	380KG7W	46.30 dBW	QPSK 256 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	750KG7W	46.30 dBW	QPSK 512 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	1M50G7W	46.30 dBW	QPSK 1024 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	3M00G7W	46.30 dBW	QPSK 2048 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE	

14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 7
LOCATION: VSAT (1.8M), CONUS, (5000 UNITS)

ANTENNA ID:	1.8M/CM	1.8 meters	CHANNEL MASTER	TYPE 180	
14000.0000 - 14500.0000 MHz			380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE

14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 8
LOCATION: VSAT (2.4M), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/CM	2.4 meters	CHANNEL MASTER	TYPE 240
14000.0000 - 14500.0000 MHz	380KG7W	55.10 dBW	QPSK 256 KBPS, TIRBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	58.00 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	58.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	58.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	54.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	58.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	58.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	58.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE9P
LOCATION: VSAT (1.2M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 1.2M PAT	1.2 meters	PATRIOT	TXFCC-120KU
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14000.0000 - 14500.0000 MHz	3M00G7W	46.50 dBW	2048 KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	46.50 dBW	256 KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.00 dBW	QPSK, 2048 KBPS, 1/2 FEC CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK, 144 KBPS, 1/2 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	54M0G7W		48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK, 48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT

SITE ID: REMOTE10P

LOCATION: VSAT (1.8M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 1.8M PAT 1.8 meters PATRIOT TXFCC-180KU

14000.0000 - 14500.0000 MHz	3M00G7W	56.00 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	380KG7W	56.00 dBW	QPSK, 256 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	380KG7W		QPSK, 256 KBPS, 2/3 FEC TURBOCODING

SITE ID: REMOTE8P

LOCATION: VSAT (2.4M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 2.4M PAT 2.4 meters PATRIOT TXFCC-240KU

14000.0000 - 14500.0000 MHz	380KG7W	58.50 dBW	QPSK, 256 KBPS, TURBOCODE, 2/3 FEC
14000.0000 - 14500.0000 MHz	3M00G7W	58.50 dBW	QPSK 2048 KBPS, TURBOCODE, 2/3 FEC
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS, HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	54M0G7W			QPSK, 48 MBPS, HUB OUTBOUND TO VSAT
SITE ID: REMOTE11 PROD				
LOCATION: VSAT (2.4M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)				
ANTENNA ID: 2.4M PROD	2.4 meters	PRODELIN		P24
14000.0000 - 14500.0000 MHz	380KG7W	54.10 dBW		QPSK, 256KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	750KG7W	52.50 dBW		QPSK, 512 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW		QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	360KG7W	52.80 dBW		QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW		QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	54M0G7W			QPSK 48 MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz	3M91G7W			QPSK 3 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W			QPSK 8 MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	380KG7W			QPSK, 256 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	750KG7W			QPSK, 512 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	1M50G7W			QPSK, 1024 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	3M00G7W			QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
11700.0000 - 12200.0000 MHz	360KG7W			QPSK, 144 KBPS, 2/3 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W			QPSK, 2048 KBPS, 2/3 FEC CONCATENATED CODE

SITE ID: REMOTE 1.8M
LOCATION: VSAT (1.8M), CONUS, (5000 UNITS)

ANTENNA ID:	1.8M/P	1.8 meters	PRODELIN	1194
14000.0000 - 14500.0000 MHz		324KG7W	49.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		842KG7W	49.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M41G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz		380KG7W	52.50 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		360KG7W	52.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz		360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz		936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE

14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: HUB 9.3-M

LOCATION: 1305 INDUSTRIAL PARK ROAD (9.3M. HUB), SHENANDOAH, MT. JACKSON, VA
39 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID: 9.3-M/V	9.3 meters	VERTEX	94.1.6
14000.0000 - 14500.0000 MHz	3M91G7W	67.00 dBW	QPSK 3MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	8M79G7W	66.70 dBW	QPSK 8MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	54M0G7W	78.30 dBW	QPSK 48MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz	324KG7W		QPSK 144 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	842KG7W		QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M41G7W		QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M17G7W		QPSK 2048 KBPS, RATE 1/2 CODE
11700.0000 - 12200.0000 MHz	380KG7W		QPSK 256 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	750KG7W		QPSK 512 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	1M50G7W		QPSK 1024 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK 2048 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	360KG7W		QPSK 144 KBPS, CONCATENATED CODE

11700.0000 - 12200.0000 MHz	936KG7W	QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	2M45G7W	QPSK 1024 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W	QPSK 2048 KBPS, CONCATENATED CODE

SITE ID: REMOTE13
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID: ENS 1.2 2W	1.2 meters	PATRIOT	TXFLY-120KU
14000.0000 - 14500.0000 MHz	356KG7W	45.50 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	45.50 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE14
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID: ENS 1.8 2W	1.8 meters	PATRIOT	TXFLY-180KU
14000.0000 - 14500.0000 MHz	356KG7W	49.00 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	49.00 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE15
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID: ENS 1.8 4W	1.8 meters	PATRIOT	TXFLY-180KU
14000.0000 - 14500.0000 MHz	356KG7W	51.70 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	52.60 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

SITE ID: REMOTE12
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT) ENSURE, CONUS, 5000 UNITS

ANTENNA ID: ENS 1.2 4W	1.2 meters	PATRIOT	TXFLY-120KU
14000.0000 - 14500.0000 MHz	356KG7W	48.20 dBW	395 QPSK
14000.0000 - 14500.0000 MHz	693KG7W	48.20 dBW	770 QPSK
11700.0000 - 12200.0000 MHz	356KG7W		395 QPSK
11700.0000 - 12200.0000 MHz	693KG7W		770 QPSK

Points of Communication:

HUB 9.3-M - ALSAT - (ALSAT)
REMOTE 0.95M - TELSTAR 11 - (37.5 W.L.)
REMOTE 0.95M - TELSTAR 6 - (93 W.L.)
REMOTE 1.2M - ALSAT - (ALSAT)
REMOTE 1.8M - ALSAT - (ALSAT)
REMOTE 5 - TELSTAR 6 - (93 W.L.)
REMOTE 6 - ALSAT - (ALSAT)
REMOTE 7 - ALSAT - (ALSAT)
REMOTE 8 - ALSAT - (ALSAT)
REMOTE10P - ALSAT - (ALSAT)
REMOTE11 PROD - ALSAT - (ALSAT)
REMOTE12 - ALSAT - (ALSAT)
REMOTE13 - ALSAT - (ALSAT)
REMOTE14 - ALSAT - (ALSAT)
REMOTE15 - ALSAT - (ALSAT)
REMOTE8P - ALSAT - (ALSAT)
REMOTE9P - ALSAT - (ALSAT)

SES-MOD-20060907-01680 E E960131 Iridium Satellite LLC
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Iridium U.S., L.P. has filed a modification application to add an additional antenna at their Tempe, Arizona facility. The earth station will be operational to the Iridium Satellite Constellation. It will provide digital carriers and will be used as a telemetry, tracking, and command satellite communications earth terminal, as well as a Gateway terminal.

SITE ID: TEMP

LOCATION: 8440 SOUTH RIVER PARKWAY, MARICOPA, TEMPE, AZ

33 ° 20 ' 32.20 " N LAT.

111 ° 53 ' 48.50 " W LONG.

ANTENNA ID: 1	3 meters	SCIENTIFIC-ATLANTA	MODEL 495600-311
29227.0000 - 29233.0000 MHz	25K0G2D	71.50 dBW	BPSK/PM
29100.0000 - 29300.0000 MHz	6M25G7W	71.50 dBW	OPSK
19504.0000 - 19510.0000 MHz	25K0G2D		BPSK/PM
19400.0000 - 19600.0000 MHz	6M25G7W		OPSK
ANTENNA ID: ET4	3 meters	SCIENTIFIC-ATLANTA	3M
19400.0000 - 19600.0000 MHz	3M13G7W		DIGITAL TELEMETRY, TRACKING, AND COMMAND CARRIERS
29100.0000 - 29300.0000 MHz	3M13G7W	67.50 dBW	DIGITAL TELEMETRY, TRACKING, AND COMMAND CARRIERS

Points of Communication:

TEMP - IRIDIUM - (NGSO)

TEMP - MOTOROLA - (MOTOROLA)

TEMP - ORBCOMM -

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