



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-01204

Wednesday December 23, 2009

## 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-MOD-20090923-01223 E E090027 COMTECH MOBILE DATACOM CORP.

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Modification is to enable Comtech Mobile Datacom Corp. (CMDC) to operate mobile earth station terminals (METs) on MSAT-1, MSAT-2, and SkyTerra 1 in locations outside of CONUS other than those locations that are currently authorized under E090027 or any of CMDC's other blanket MET licenses. To this end, CMDC proposes in this Application to operate the following additional MESs in portions of the L-band (1525-1544/1545-1559 MHz and 1626.5-1645.5/1646.5-1660.5 MHz). CMDC request waiver of footnotes US308 and US315 and Section 25.136(d) of the Commission's rules.

SITE ID: ISAT -- ROUS

LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID:	1-2020/INT	0.15 meters	SCI Systems	MT-2010 internal
	1646.5000 - 1660.5000 MHz		200KG7W	10.20 dBW
				DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz		200KG7W	10.20 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: 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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	168KG1D	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1669.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	168KG1D	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 2-2011/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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical

1631.5000 - 1645.5000 MHz	168KG1D	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.6000 MHz	168KG1D	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	12.10 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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 4-2010/INT	0.15 meters	SCI Systems	MT2010 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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 5-203/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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical

	1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID:	5-2011/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
	1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 6-2011/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
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile

1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 6-203/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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 7-2011/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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile



1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	13.30 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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	13.30 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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	11.00 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 - ROUS	LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD		
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, Data, Marine & Land Mobile

1631.5000 - 1645.5000 MHz	168KG1D	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile

SITE ID: ISAT- ROUS/CONU- 202  
LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID: 5-202/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
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical

SITE ID: MSAT 1&2-T&P  
LOCATION: 20430 Century Boulevard (half-duplex MESS using MSAT-1 & MSAT-2), Montgomery, Germantown, MD

ANTENNA ID: 1-2010/INT	0.15 meters	SCI Systems	MT-2010 internal
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1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	10.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	10.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	168KG1D	10.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	10.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile

ANTENNA ID:	2-2010/EXT	0.15 meters	Sensor Systems	S65-8582-101
ANTENNA ID:	2-2011/EXT	0.15 meters	Sensor Systems	S65-8582-101
ANTENNA ID:	3-2010/EXT	0.06 meters	SCI Systems	MT-2010 external
ANTENNA ID:	4-2010/INT	0.15 meters	SCI Systems	MT-2010 internal
ANTENNA ID:	5-202/EXT	0.27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	5-203/EXT	27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	5-2011/EXT	0.27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	5-2012/EXT	0.27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	6-2011/INT	0.18 meters	PCTel	34811Z-3
ANTENNA ID:	6-2012/INT	0.18 meters	PCTel	34811Z-3
ANTENNA ID:	6-203/INT	0.18 meters	PCTel	34811Z-3
ANTENNA ID:	7-2011/INT	0.18 meters	PCTel	34911Z-3
ANTENNA ID:	7-2012/INT	0.18 meters	PCTel	34911Z-3
ANTENNA ID:	8-203/EXT	0.19 meters	PCTel	3561AW-1/A

SITE ID: MSV-AK,HI,T&P

LOCATION: 20430 Century Boulevard (half-duplex MESs using SkyTerra-1), Germantown, Germantown, MD

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ANTENNA ID:	1-2010/INT	0.15 meters	SCI Systems	MT-2010 internal
ANTENNA ID:	2-2010/EXT	0.15 meters	Sensor Systems	S65-8582-101
ANTENNA ID:	2-2011/EXT	0.15 meters	Sensor Systems	S65-8582-101
ANTENNA ID:	3-2010/EXT	0.06 meters	SCI Systems	MT-2010-external
ANTENNA ID:	4-2010/INT	0.15 meters	SCI Systems	MT-2010 rl internal
ANTENNA ID:	5-202/EXT	0.27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	5-203/EXT	0.27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	5-2011/EXT	0.27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	5-2012/EXT	0.27 meters	Sensor Systems	S65-8282-301
ANTENNA ID:	6-2011/INT	0.18 meters	PCTel	34811Z-3
ANTENNA ID:	6-2012/INT	0.18 meters	PCTel	34811Z-3
ANTENNA ID:	6-203/INT	0.18 meters	PCTel	34811Z-3
ANTENNA ID:	7-2011/INT	0.18 meters	PCTel	34911Z-3
ANTENNA ID:	7-2012/INT	0.18 meters	PCTel	34911Z-3
ANTENNA ID:	8-203/EXT	0.19 meters	PCTel	3561AW-1/A

**Points of Communication:**

ISAT -- ROUS - ISAT List -

ISAT- ROUS/CONU- 202 - ISAT List -

MSAT 1&2-T&P - MSAT-1 - (106.5 W.L.)

MSAT 1&2-T&P - MSAT-2 - (100.95 W.L.)

MSV - ROUS - MSAT-1 - (106.5 W.L.)

MSV - ROUS - MSAT-2 - (100.95 W.L.)

MSV - ROUS - MSV-1 - (101 W.L.)

MSV-AK,HI,T&P - MSV-1 - (101 W.L.)

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**SES-MOD-20091210-01569**    E E080169    Word of God Fellowship, Inc.

Application for Modification

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

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"MOD" adding C-Band 7.2 m antenna , frequencies, and emission designators to existing Ku-Band earth station License.

SITE ID: 1  
LOCATION: 3901 Highway 121, Tarrant, Bedford, TX  
32 ° 51 ' 41.80 " N LAT. 97 ° 6 ' 23.20 " W LONG.

ANTENNA ID:	1	3.8 meters	Vertex RSI	DPK
	14000.0000 - 14500.0000 MHz		36M0G7W 78.64 dBW	Digital traffic, various FEC, data rates, modulation type
	14000.0000 - 14500.0000 MHz		51K2G7W 50.17 dBW	Digital traffic, various FEC, data rates, modulation type
	11700.0000 - 12200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates, modulation type
	11700.0000 - 12200.0000 MHz		51K2G7W	Digital traffic, various FEC, data rates, modulation type
ANTENNA ID:	C-Band	7.2 meters	7.2M VERTEX	
	5925.0000 - 6425.0000 MHz		51K2G7W 57.37 dBW	Digital traffic, various FEC, data rates, modulation type
	5925.0000 - 6425.0000 MHz		36M0G7W 78.23 dBW	Digital traffic, various FEC, data rates, modulation type
	3700.0000 - 4200.0000 MHz		51K2G7W	Digital traffic, various FEC, data rates, modulation type
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates, modulation type

**Points of Communication:**

1 - ALSAT - (ALSAT)

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