

Micronet Communications, Inc.

720 F Avenue, Suite 100
Plano, Texas 75074
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1233501 5.93 GHz
Licensee: HOUSTON CHRISTIAN BROADCASTERS

Page 1

Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency coordination study was conducted by Micronet Communications, Inc. for the following proposed earth station:

HOUSTON, TX

The results of the study indicate that no unacceptable interference will result with existing, proposed or prior coordinated radio facilities.

Coordination was performed with existing, proposed and prior coordinated carriers within coordination range on the following dates:

06/28/2013 Coordination renewal notification pursuant to Section 101.103(d)(2)(xi) - No response required. Application (SES-LIC-INTR2013-00141) dismissed 06/28/2013. This file has been protected in our database and there has been no gap in coverage.
12/06/2012 Original PCN
There were no unresolved interference objections.

The attached coordination data was forwarded on the latest date to the following parties within coordination range or their authorized coordination agents:

AT&T MOBILITY OF GALVESTON LLC
AUSTIN ENERGY
BELL ATLANTIC MOBILE SYS OF ALLENTOWN D/B/A VERIZON WIRELESS
BLUEBONNET ELECTRIC COOPERATIVE INC
CENTERPOINT ENERGY INC
CENTRAL TELEPHONE COMPANY OF TEXAS
CEQUEL III COMMUNICATIONS I LLC
CINGULAR WIRELESS OF TEXAS RSA #16 LTD
COMSEARCH INC
CORBAN COMMUNICATIONS INC
DALLAS MTA L P
ENTERPRISE PRODUCTS OPERATING LLC
EQUISTAR CHEMICALS L P
ERF WIRELESS BUNDLED SERVICES INC
FIBERLIGHT LLC
FRANKLIN GROUP INC
GREATER HARRIS COUNTY 911 EMERGENCY NET
GTE MOBILNET OF SOUTH TEXAS LIMITED PARTNERSHIP
GTE MOBILNET OF TEXAS RSA #17 L P
HARRIS COUNTY ITC
HOUSTON CITY OF
HOUSTON CITY OF- ITD (HPD)
HOUSTON COUNTY ELECTRIC COOP INC
INTERNATIONAL COMMUNICATIONS GROUP INC D/B/A CORBAN NETWORKS
KN TELECOMMUNICATIONS INC
LOWER COLORADO RIVER AUTHORITY
MICRONET COMMUNICATIONS INC

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Page 2

NEW CINGULAR WIRELESS - SOUTH TEXAS
NEW CINGULAR WIRELESS PCS LLC
NEW CINGULAR WIRELESS PCS LLC - N TEXAS
NEW CINGULAR WIRELESS PCS LLC - S TEXAS
QWEST MICROWAVE INC
SAM HOUSTON ELECTRIC COOPERATIVE INC
SAN ANTONIO METROPOLITAN TRANSIT AUTH
SAN ANTONIO MTA LP D/B/A PRIMECO PERSONAL COMMUNICATIONS
SAN BERNARD ELECTRIC COOPERATIVE, INC.
STRATOS GLOBAL CORPORATION
STRATOS OFFSHORE SERVICES COMPANY
T-MOBILE LICENSE LLC
TEXAS EASTERN COMMUNICATIONS INC
TEXAS NEW MEXICO POWER COMPANY
TRANSCONTINENTAL GAS PIPE LINE CORPORATION
TRUNKLINE GAS COMPANY
UNION PACIFIC RAILROAD COMPANY
VERIZON WIRELESS CENTRAL TEXAS
VERIZON WIRELESS TEXAS LLC

Respectfully Submitted,



Brad Youngblood
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

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Company:	HOUSTON CHRISTIAN BROADCASTERS		
Site Name, State:	HOUSTON, TX		
Call Sign:			
Latitude	(NAD83)	29 43	36.6 N
Longitude	(NAD83)	95 24	57.3 W
Elevation AMSL	(ft/m)	53.00	16.15
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	124.89	245.63
Antenna Centerline	(ft/m)	8.00	2.44
Antenna Elevation Angles	(deg)	38.24	28.21

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	41.50	46.50
15 DB Half Beamwidth	(deg)	1.60	1.00
Antennas	Receive: PRODELIN 1383 (3.8M)		
	Transmit: PRODELIN 1383 (3.8M)		
Max Transmitter Power	(dbW/4KHz)		-6.40
Max EIRP Main Beam	(dbW/4KHz)		40.10
Modulation / Emission Designator	DIGITAL 200KG7W 36M0G7W		

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	279.98	171.83
Max Rain Scatter Distances	(km)	397.73	100.00
Max Interference Power Long Term	(dbW)	-140.60	-151.80
Max Interference Power Short Term	(dbW)	-118.40	-130.80
Rain Zone / Radio Zone		2	A