

Micronet Communications, Inc.

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1325908
Licensee: The Crossing

5.93 GHz

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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:

The Crossing, IL

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:

09/30/2013 Original PCN (Expedited response requested by 10/14/2013)
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:

ADAMS TELSISTEMS INC
AMEREN SERVICES COMPANY
AT&T COMMUNICATIONS OF ILLINOIS INC.
BNSF RAILWAY COMPANY
CELLCO PARTNERSHIP
CELLCO PARTNERSHIP - MISSOURI
CENTURYTEL OF EAGLE INC
COMSEARCH INC
CYBERTEL CELLULAR TELEPHONE COMPANY
EOS INC
FARMERS CELLULAR TELEPHONE CO INC
GTE WIRELESS OF THE MIDWEST INC - IA IL
ILLINOIS BELL TELEPHONE COMPANY
ILLINOIS RSA #1 L P
INTERSTATE POWER AND LIGHT COMPANY
IOWA RSA #4 LIMITED PARTNERSHIP
MICRONET COMMUNICATIONS INC
MISSOURI RSA 8 LIMITED PARTNERSHIP
MISSOURI RSA NO 5 PARTNERSHIP D/B/A CHARITON VALLEY WIRELESS
MISSOURI STATE OF HIGHWAY PATROL
NEW CINGULAR WIRELESS PCS LLC
NEW CINGULAR WIRELESS PCS LLC - KS/MO
NORTHEAST TECHNOLOGIES LLC
PANHANDLE EASTERN PIPE LINE COMPANY
PEG BROADCASTING LLC
RADIO DYNAMICS
SOUTHEAST WIRELESS INC
SOUTHWESTERN BELL TELEPHONE COMPANY
SOUTHWESTERN BELL TELEPHONE L P

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ST CHARLES COUNTY OF MO
TMP CORP.
USCOC OF CENTRAL ILLINOIS LLC
USCOC OF GREATER IOWA INC
WIRELESS INFRASTRUCTURE PARTNERS LLC

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

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Company:	The Crossing		
Site Name, State:	The Crossing, IL		
Call Sign:			
Latitude	(NAD83)	39 55	44.6 N
Longitude	(NAD83)	91 20	28.3 W
Elevation AMSL	(ft/m)	702.20	214.03
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6245/6325	
Range of Satellite Orbital Long.	(deg W)	74.00	139.00
Range of Azimuths from North	(deg)	154.06	239.68
Antenna Centerline	(ft/m)	12.00	3.66
Antenna Elevation Angles	(deg)	40.46	23.12

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	44.00	47.50
15 DB Half Beamwidth	(deg)	1.10	1.00
Antennas	Receive: AFC 5M Transmit: AFC 5M		
Max Transmitter Power	(dbW/4KHz)		-16.50
Max EIRP Main Beam	(dbW/4KHz)		31.00
Modulation / Emission Designator	VIDEO 9M00G7W		

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	258.22	129.20
Max Rain Scatter Distances	(km)	401.82	100.00
Max Interference Power Long Term	(dbW)	-140.60	-154.00
Max Interference Power Short Term	(dbW)	-118.40	-130.80
Rain Zone / Radio Zone		2	A