

Micronet Communications, Inc.

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1703012 5.93 GHz
Licensee: Harris CapRock Communications Inc.

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:

Gunnison, GM

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:

03/23/2017 Original PCN (Expedited response requested by 04/06/2017)
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:

COMSEARCH INC
RIGNET SATCOM, INC.

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

Micronet Communications, Inc.
 720 F Avenue, Suite 100
 Plano, Texas 75074
 972-422-7200

File: M1703012

=====

TECHNICAL CHARACTERISTICS OF TRANSMIT ONLY EARTH STATION

=====

Company:	Harris CapRock Communications Inc.		
Site Name, State:	Gunnison, GM		
Call Sign:	E030159		
Latitude	(NAD83)	27 18	19.0 N
Longitude	(NAD83)	93 32	20.0 W
Elevation AMSL	(ft/m)	65.94	20.10
Receive Frequency Range	(MHz)		
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	74.00	139.00
Range of Azimuths from North	(deg)	142.27	245.71
Antenna Centerline	(ft/m)	88.91	27.10
Antenna Elevation Angles	(deg)	51.47	31.13

Equipment Parameters	Transmit
----------------------	----------

Antenna Gain, Main Beam	(dbI)	41.70
15 DB Half Beamwidth	(deg)	1.20

Antennas Transmit: SEATEL 9797

Max Transmitter Power	(dbW/4KHz)	-15.90
Max EIRP Main Beam	(dbW/4KHz)	25.80
Modulation / Emission Designator	ANALOG 9M38G7W	

Coordination Parameters	Transmit
-------------------------	----------

Max Greater Circle Distances	(km)	138.18
Max Rain Scatter Distances	(km)	100.00
Max Interference Power Long Term	(dbW)	-154.00
Max Interference Power Short Term	(dbW)	-130.80
Rain Zone / Radio Zone		1 A