Micronet Communications, Inc.
812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M2203418 5.93 GHz
Licensee: SHELL COMMUNICATIONS INC

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:

Ursa, 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:

02/17/20222 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:

COMSEARCH INC
ENERGY XXI LLC
MICRONET COMMUNICATIONS INC
RIGNET SATCOM, INC.
TAMPNET LICENSEE LLC

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		SHELL COMMUNICATIONS INC	
Site Name, State:		Ursa, GM	
Call Sign:			
Latitude	(NAD83)	28 9 22.8 N	
Longitude	(NAD83)	89 6 19.8 W	
Elevation AMSL	(ft/m)	0.00	0.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-5930.025/5990.025-6019.15/6167.75-6182.065/6242.065-6271.19/6419.79-6425	
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	130.29	251.01
Antenna Centerline	(ft/m)	198.88	60.62
Antenna Elevation Angles	(deg)	44.17	23.33

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	38.50	41.70
15 DB Half Beamwidth	(deg)	1.00	1.20
Antennas	Receive: SEATEL 9797 Transmit: SEATEL 9797		
Max Transmitter Power	(dbW/4KHz)		-19.60
Max EIRP Main Beam	(dbW/4KHz)		22.10
Modulation / Emission Designator	DIGITAL	4M30G7W	2M03G7W

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	397.25	133.20
Max Rain Scatter Distances	(km)	563.92	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		1	A