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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1803722 5.93 GHz
Licensee: X2nsat

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:

Wales, AK

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:

02/27/2018 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

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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

File: N1803722

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

Company:		X2nsat	
Site Name, State:		Wales, AK	
Call Sign:			
Latitude	(NAD83)	65 36 56.9 N	
Longitude	(NAD83)	168 5 18.5 W	
Elevation AMSL	(ft/m)	15.00	4.57
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.	(deg W)	103.00	139.00
Range of Azimuths from North	(deg)	112.93	148.58
Antenna Centerline	(ft/m)	12.47	3.80
Antenna Elevation Angles	(deg)	1.34	12.68

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	42.00	46.50
15 DB Half Beamwidth	(deg)	1.40	0.90

Antennas Receive: GENERAL DYNAMICS 1385 (3.8)
Transmit: GENERAL DYNAMICS 1385

Max Transmitter Power	(dbW/4KHz)		-14.80
Max EIRP Main Beam	(dbW/4KHz)		31.70
Modulation / Emission Designator		DIGITAL 340KG7D	

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	484.98	242.13
Max Rain Scatter Distances	(km)	442.35	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		3	A