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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: A1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

ABQ, NM

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: A1825611

	=========	========	=======================================	
TECHNICAL CHARACTERIST		-		
	========	========		
	_	Telecom Lic	ensing Subsidiary I	ъLС
	ABQ, NM			
Call Sign: Latitude	(25 2	15 / N	
Longitude	(NAD83)	35 2 106 37	19.4 N	
Elevation AMSL	(NAD05) (ft/m)	106 37 5311.67	1619 00	
Receive Frequency Range	(MHz)	3700-4200	1019.00	
Transmit Frequency Range	(MHz)	0,00 1200		
Range of Satellite Orbital Long.		60.00	143.00	
Range of Azimuths from North				
Antenna Centerline	(ft/m)	9.51	2.90	
Antenna Elevation Angles	(deg)	26.45	34.06	
Equipment Parameters		Receive		
Antenna Gain, Main Beam				
15 DB Half Beamwidth	(deg)	2.80		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Max EIRP Main Beam	(dbW/4KHz)			
Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances				
Max Rain Scatter Distances				
Max Interference Power Long Term	(dbW)	-158.60		
Max Interference Power Short Ter				
Rain Zone / Radio Zone		2	A	

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: A1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

EHU, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: A1825612

	:========	========	===========	
TECHNICAL CHARACTERIST		-		
		========	=======================================	
	_	Telecom Lic	ensing Subsidiary L	ъLС
•	EHU, TX			
Call Sign:	(NIN D O O)	22 45	1 O N	
Latitude	(NAD83)	32 45	1.8 N	
Longitude Elevation AMSL	(NAD83) (ft/m)	97 19 672.57 3700-4200	32.3 W	
Receive Frequency Range	(MHz)	3700-4200	203.00	
Transmit Frequency Range	(MHZ)	3700-4200		
Range of Satellite Orbital Long.		60 00	143 00	
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles				
			20.30	
Equipment Parameters		Receive		
	(n =)	40.40		
Antenna Gain, Main Beam				
15 DB Half Beamwidth	(deg)	2.80		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Max EIRP Main Beam	(dbW/4KHz)			
Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive 		
Mary Creator Cincle Distance	(lem)	270 F4		
Max Greater Circle Distances Max Rain Scatter Distances				
Max Interference Power Long Term Max Interference Power Short Ter				
Rain Zone / Radio Zone	III (UDW)	-149 . 90	A	
MATH BOHE / MAKED BOHE		4	Δ	

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: A1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

JKL, KY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: A1825613

TECHNICAL CHARACTERIST		_	
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLC
Site Name, State:	JKL, KY		
Call Sign:			
Latitude	(NAD83)	37 35	30.5 N
Longitude	(NAD83)	83 18	58.3 W
Elevation AMSL		1223.75	
Receive Frequency Range		3700-4200	
	(MHz)		
Range of Satellite Orbital Long.			
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(deg)	40.06	15.20
Equipment Parameters		 Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances		388.14	
Max Rain Scatter Distances		496.87	
Max Interference Power Long Term	n (dbW)	-158.60	
Max Interference Power Short Ter	rm (dbW)	-149.90	
Rain Zone / Radio Zone		2	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: A1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

OAX, NE

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: A1825614

	:========	========	==========	
TECHNICAL CHARACTERIST		-		
		========	==========	=
	Global Eagle	Telecom Lic	ensing Subsidiary	LLC
Site Name, State:	OAX, NE			
Call Sign:				
Latitude	(NAD83) (NAD83) (ft/m)	41 19	10.9 N	
Longitude	(NAD83)	96 22	2.6 W	
Elevation AMSL	(ft/m)			
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.	(deg W)	60.00	143.00	
Range of Azimuths from North	(deg)	131.88	238.05	
	(ft/m)			
Antenna Elevation Angles	(deg)	29.68	23.06	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dbI)	42.10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term	(km) n (dbW)	400.07 480.82 -158.60 -149.90		
Rain Zone / Radio Zone	,	2	А	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: A1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

TAE, FL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: A1825615

TECHNICAL CHARACTERIST		-		=
<u> </u>	Global Eagle TAE, FL	Telecom Lic	ensing Subsidiary	LLC
Latitude	(NAD83)	30 26	46.3 N	
Longitude	(NAD83)	30 26 84 17 144.36 3700-4200	58.2 W	
Elevation AMSL	(ft/m)	144.36	44.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.	(deg W)	60.00	143.00	
Range of Azimuths from North	(deg)	138.30	252.88	
Antenna Centerline	(ft/m)	52.49	16.00	
Antenna Elevation Angles	(deg)	45.74	18.37	
Equipment Parameters		Receive		_
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive		_
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	575.21 -158.60	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: A1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PBZ, PA

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:

10/03/2018 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
MCI COMMUNICATIONS
MOUNTAIN STATE COMMUNICATIONS, LLC

Respectfully Submitted,

Jeremy & Lewis

Jeremy Lewis Systems Engineer

File: A1825616

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLC
,	PBZ, PA		
Call Sign:			
Latitude	(NAD83)	40 31	54.5 N
Longitude	(NAD83)	80 13 1145.01	2.3 W
Elevation AMSL	(ft/m)	1145.01	349.00
Receive Frequency Range	(MHZ)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(deg)	38.74	11.85
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELI	N 1375 (3.7	M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	487.87	
Max Rain Scatter Distances	(km)	509.96	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	
Pain 7one / Padio 7one		2	Σ

2

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

ABR, SD

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: B1825611

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	'H STATION
	Global Eagle ABR, SD	Telecom Lic	ensing Subsidiary LI
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83)	45 27 98 24 1305.77 3700-4200	46.4 W 398.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W) (deg) (ft/m)	131.95 9.51	234.13 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	355.14 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

EKA, CA

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:

10/03/2018 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

PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: B1825612

TECHNICAL CHARACTERIS	FICS OF RECEI	VE ONLY EART	TH STATION
		========	
Company:	_	Telecom Lic	censing Subsidiary LLC
Site Name, State: Call Sign:	EKA, CA		
Latitude	(NAD83)	40 48	36.0 N
Longitude	(NAD83)	124 9	36.7 W
Elevation AMSL		6.56	
Receive Frequency Range Transmit Frequency Range	(MHz) (MHz)	3700-4200)
		60.00	143.00
Range of Satellite Orbital Long Range of Azimuths from North	(deg)	107.56	207.57
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)	10.73	39.02
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
	(deg)		
		(0.0.1)	
Antennas Receive: COMTEC	H 934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	r DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	487 87	
Max Rain Scatter Distances	(km)	382.35	
Max Interference Power Long Terr			
Max Interference Power Short Te	rm (dbW)		
Rain Zone / Radio Zone		3	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

LBF, NE

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:

10/03/2018 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:

AT&T CORP.
COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: B1825613

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EARI	H STATION
	Global Eagle LBF, NE	Telecom Lic	ensing Subsidiary LI
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	41 7 100 42 2782.15 3700-4200	0.0 W 848.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	127.41 9.51	234.14 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	477.16 -158.60	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

OHX, TN

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: B1825614

TECHNICAL CHARACTERIST		-	
	Global Eagle OHX, TN	Telecom Lic	ensing Subsidiary LL
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (NAD83) (ft/m) (MHz)	36 14 86 33 547.90 3700-4200	50.6 N 46.1 W 167.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North	(deg) (ft/m)	60.00 139.78 9.51	143.00 248.58 2.90
Equipment Parameters			
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL		
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	575.60 -158.60	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

TFX, MT

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:

10/03/2018 Original PCN

Attached: 1 data sheet

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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: B1825615

	========	========	==========
TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LL
•	TFX, MT		
Call Sign:			
Latitude	(NAD83)	47 27	40.3 N
Longitude	(NAD83)	111 23	8.2 W
Elevation AMSL		3694.22	
Receive Frequency Range		3700-4200	
Transmit Frequency Range			
Range of Satellite Orbital Long.			
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(deg)	16.64	27.45
Equipment Parameters		 Receive	
Equipment ratameters			
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	427.01	
Max Rain Scatter Distances	(km)	360.94	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter		-149.90	
Rain Zone / Radio Zone		5	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: B1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SLC, UT

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: B1825616

Rain Zone / Radio Zone

TECHNICAL CHARACTERISTI		-	
		Telecom Lic	ensing Subsidiary I
	SLC, UT		
Call Sign: Latitude	(C O U V IV)	40 46	20 2 M
Longitude Longitude		111 57	
Elevation AMSL		4232.27	
Receive Frequency Range		3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg)	117.07	222.67
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)	19.65	33.20
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	40.90	
15 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELIN	1 1375 (3.7	M)	
Max Transmitter Power			
Max EIRP Main Beam			
Modulation / Emission Designator			
Coordination Parameters		Receive	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Term	n (dbW)	-149.90	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

AKQ, VA

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:

10/03/2018 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
MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: C1825611

TECHNICAL CHARACTERIST	:========:: 'ICS OF DECET'	VE ONLY EXPT	H GTATION
TECHNICAL CHARACTERIST		-	
		Telecom Lic	ensing Subsidiary LL
· · · · · · · · · · · · · · · · · · ·	AKQ, VA		
Call Sign: Latitude	(NIA D.O.2)	2C E0	1 O NT
Longitude	(NAD83)	36 59 77 0	1.3 N
Elevation AMSL	(ft/m)	121 51	27.4 W
Receive Frequency Range	(MHz)	134.51 3700-4200	41.00
Transmit Frequency Range	` ,	3/00-4200	
Range of Satellite Orbital Long.	(MHz)	60 00	142 00
Range of Azimuths from North	(deg w)	152 05	255.00
Antenna Centerline	(deg) (ft/m)	0 51	2 90
Antenna Elevation Angles		43.52	
	_		10.43
Equipment Parameters		Receive	
	(22 - 7)	40.10	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
		receive	
Max Greater Circle Distances	(km)	474.53	
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Ter		-149.90	
Rain Zone / Radio Zone	(0.0.7)	2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

EPZ, NM

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: C1825612

			=======================================	
TECHNICAL CHARACTERIST		_		
		========	=======================================	
Company:	Global Eagle	Telecom Lic	ensing Subsidiary L	LC
Site Name, State:	EPZ, NM			
Call Sign:				
Latitude	(NAD83) (NAD83) (ft/m)	31 52	22.1 N	
Longitude	(NAD83)	106 41	53.5 W	
Elevation AMSL	(ft/m)	4094.48	1248.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long	. (deg W)	60.00	143.00	
Range of Azimuths from North	(deg)	116.46	234.29	
	(ft/m)			
Antenna Elevation Angles	(deg)	27.96	36.19	
Equipment Parameters		Receive		
Antenna Gain, Main Beam				
15 DB Half Beamwidth	(deg)	2.80		
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	r DIGITAL	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances	(km)	245.16		
Max Rain Scatter Distances		351.09		
Max Interference Power Long Terr	n (dbW)	-158.60		
Max Interference Power Short Ter	rm (dbW)	-149.90		
Rain Zone / Radio Zone		5	А	

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

LCH, LA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: C1825613

TICS OF RECEI	-	
========	=======	=======================================
Global Eagle LCH, LA	Telecom Lic	censing Subsidiary LLC
(NAD83) (ft/m) (MHz)	93 13 13.12	0.5 W 4.00
(deg W) (deg) (ft/m) (deg)	127.47 16.08 39.68	247.00 4.90
	Receive	
(dbI) (deg)	42.10 2.80	
H 934D0015-G2	(3.8 M)	
(dbW/4KHz) (dbW/4KHz) r DIGITAL	36M0G7W	
	Receive	
(km) m (dbW)	559.32 -158.60 -149.90	A
	Global Eagle LCH, LA (NAD83) (NAD83) (ft/m) (MHz) (MHz) (deg W) (deg) (ft/m) (deg) (ft/m) (deg) (dbI) (deg) H 934D0015-G2 (dbW/4KHz) (dbW/4KHz) r DIGITAL (km) (km) (km)	(NAD83) 30 7 (NAD83) 93 13 (ft/m) 13.12 (MHz) 3700-4200 (MHz) (deg W) 60.00 (deg) 127.47 (ft/m) 16.08 (deg) 39.68 Receive (dbI) 42.10 (deg) 2.80 H 934D0015-G2 (3.8 M) (dbW/4KHz) (dbW/4KHz) (dbW/4KHz) r DIGITAL 36M0G7W Receive Receive

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

OKX, NY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: C1825614

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LL
,	OKX, NY		
Call Sign:	(0.0)	40 54	
Latitude	(NAD83)	40 51	55.1 N
Longitude	(NAD83) (ft/m)	72 51 91.86 3700-4200	53.3 W
Elevation AMSL Receive Frequency Range	(MHz)	91.86 3700_4200	28.00
Transmit Frequency Range	(MHz)	3700-4200	
Range of Satellite Orbital Long.	(Mnz)	60 00	143 00
Range of Azimuths from North	(deg W)	160.76	256 70
	(ft/m)		
Antenna Elevation Angles			
 Equipment Parameters		 Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
		 Receive	
Max Greater Circle Distances	(lem)	488.02	
Max Rain Scatter Distances		562.33	
Max Interference Power Long Term	(Jan)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149 90	
Pain 7one / Padio 7one		2	Δ

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

TWC, AZ

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:

10/03/2018 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 GTT AMERICAS LLC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: C1825615

Rain Zone / Radio Zone

	=========		
TECHNICAL CHARACTER	ISTICS OF RECEL	VE ONLY EART	H STATION
Company:	=	Telecom Lic	ensing Subsidiary LLC
Site Name, State:	TWC, AZ		
Call Sign:	(317 D O O)	20 12	40.0.3
Latitude	(NAD83)	32 13	40.8 N
Longitude Elevation AMSL	(NAD83)	110 57 2434.38	20.9 W
Receive Frequency Range		3700-4200	
Transmit Frequency Range	(MHz)	3/00-4200	
Range of Satellite Orbital Lo	na (doa W)	60 00	143 00
Range of Azimuths from North	(deg w)	113 39	229 57
	(ft/m)		
Antenna Elevation Angles			
·	_	21.29	33.00
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMT	ECH 934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designa		36M0G7W	
Coordination Parameters		Receive 	
Max Greater Circle Distances		356.73	
Max Rain Scatter Distances		353.33	
Max Interference Power Long T	erm (dbW)	-158.60	
Max Interference Power Short	Term (dbW)	-149.90	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

TOP, KS

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: C1825616

Rain Zone / Radio Zone

Site Name, State: Call Sign: Latitude (NAD83) 39 4 20.3 N Longitude (NAD83) 95 37 49.8 W Clevation AMSL (ft/m) 902.23 275.00 Cransmit Frequency Range (MHz) 3700-4200 Cransmit Frequency Range (MHz) Cransmore of Satellite Orbital Long. (deg W) 60.00 143.00 Crange of Azimuths from North (deg) 131.33 239.88 Cantenna Centerline (ft/m) 9.51 2.90 Cantenna Elevation Angles (deg) 31.75 23.78	TECHNICAL CHARACTERIST		-	
### Call Sign: ### Autitude			Telecom Lic	ensing Subsidiary 1
Mattitude		TOP, KS		
NAD83		(NT D 0 2)	20 4	
Clevation AMSL Receive Frequency Range (MHz) Cransmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) Range of Azimuths from North (deg) Range of Azimuths Receive Range of Satellite Orbital Long. (deg) Range of Azimuths Receive Receive Receive Receive Receive Receive Receive Receive Rax Transmitter Power (dbW/4KHz) Rax EIRP Main Beam Receive		,		
Receive Frequency Range (MHz) 3700-4200 Pransmit Frequency Range (MHz) 8200	<u> </u>			
Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 131.33 239.88 Intenna Centerline (ft/m) 9.51 2.90 Intenna Elevation Angles (deg) 31.75 23.78 Receive Antenna Gain, Main Beam (dbI) 40.90 Intenna Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60				
Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 131.33 239.88 Rantenna Centerline (ft/m) 9.51 2.90 Rantenna Elevation Angles (deg) 31.75 23.78 Receive Countenna Gain, Main Beam (dbI) 40.90 (deg) 1.40 Antenna Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) (dbW			3700-4200	
Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 31.75 23.78 Antenna Elevation Angles (deg) 31.75 23.78 Antenna Gain, Main Beam (dbI) 40.90 Antenna Gain, Main Beam (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive As Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Range of Satellite Orbital Long		60 00	143 00
Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 31.75 23.78 Antenna Elevation Angles (deg) 31.75 23.78 Antenna Gain, Main Beam (dbI) 40.90 Antenna Gain, Main Beam (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive As Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Range of Azimuths from North	(deg W)	131 33	239 88
Antenna Elevation Angles (deg) 31.75 23.78 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 5.5 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive As Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60		(ft/m)	9.51	2.90
Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 5 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60		(dea)	31.75	23.78
Antenna Gain, Main Beam (dbI) 40.90 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60				
Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Equipment Parameters		Receive	
Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Automa Cain Main Barn	/ -11- T \	40.00	
Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Antenna Gain, Main Beam	(dp1)	40.90	
Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	IS DB Hall Beamwidth	(deg)	1.40	
Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Antennas Receive: PRODELIN	N 1375 (3.7 I	(M	
Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Max Transmitter Power	(dbW/4KHz)		
Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Max EIRP Main Beam	(dbW/4KHz)		
Coordination Parameters Receive Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Modulation / Emission Designator	DIGITAL	36M0G7W	
Max Greater Circle Distances (km) 389.09 Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60				
Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60				
Max Rain Scatter Distances (km) 479.87 Max Interference Power Long Term (dbW) -158.60	Max Greater Circle Distances	(km)	389.09	
	Max Interference Power Long Term	(dbW)	-158.60	
iax interrelence rower short rerm (abw) -149.90				

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: D1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

ALY, NY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: D1825611

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EARI	'H STATION
	Global Eagle ALY, NY	Telecom Lic	ensing Subsidiary L
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83)	42 41 73 49 255.91 3700-4200	52.3 W 78.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W) (deg) (ft/m)	160.04 9.51	255.53 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	557.82 -158.60	Α

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: D1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

FFC, GA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: D1825612

TECHNICAL CHARACTERISTI	CS OF RECEI	VE ONLY EART	'H STATION
	Global Eagle FFC, GA	Telecom Lic	ensing Subsidiary LI
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	33 21 84 34 849.74 3700-4200	3.6 W 259.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	140.26 9.51	251.33 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	577.33 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: D1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

LKN, NV

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: D1825613

TECHNICAL CHARACTERIST	CICS OF RECEI	VE ONLY EARI	H STATION
	_	Telecom Lic	ensing Subsidiary LLC
Site Name, State: Call Sign:	LKN, NV		
Latitude	(NAD83)	40 51	36.4 N
Longitude		115 44	
Elevation AMSL		5196.84	
Receive Frequency Range		3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	114.02	218.22
Antenna Centerline		9.51	
Antenna Elevation Angles	(deg)	16.89	35.16
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dhT)	42 10	
15 DB Half Beamwidth			
	. 57		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator			
Garadinatian Baramatana			
Coordination Parameters		Receive 	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Ter	em (dbW)		-
Rain Zone / Radio Zone		5	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: D1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

OSFW, OK

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: D1825614

TECHNICAL CHARACTERIST		-	
		=======	=======================================
	Global Eagle OSFW, OK	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	35 14 97 27 1187.66 3700-4200	37.1 W 362.00
Antenna Elevation Angles	(deg) (ft/m) (deg)	126.98 9.51 33.16	240.48 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter	(km) n (dbW)	475.99 -158.60 -149.90	
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: D1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

UNR, SD

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:

10/03/2018 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:

AT&T CORP.
COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: D1825615

TECHNICAL CHARACTERISTI	CS OF RECEI	======= VE ONLY EART	H STATION
	:=======	========	
	_	Telecom Lic	ensing Subsidiary LLC
•	INR, SD		
Call Sign:			
Latitude	(NAD83)	44 4 103 12	23.2 N
Longitude	(NAD83)	103 12	40.3 W
Elevation AMSL		3339.89	
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range			
Range of Satellite Orbital Long.			
Range of Azimuths from North	(deg)		230.13
	(ft/m)		2.90
Antenna Elevation Angles	(deg)	23.63	25.69
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)		
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term	(km) (dbW)	353.80 -158.60 -149.90	
Rain Zone / Radio Zone		5	А

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: D1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

TSA, OK

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: D1825616

TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LI
	TSA, OK		J 1
Call Sign:			
Latitude		36 8	
Longitude		95 51	
Elevation AMSL		659.45	
Receive Frequency Range		3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W)	60.00	143.00
	(deg)	129.22	241.30
Antenna Centerline	(ft/m)	77.76	23.70
Antenna Elevation Angles			25.49
Equipment Parameters			
Antenna Gain, Main Beam	(dbI)	40.90	
15 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELIN	N 1375 (3.7)	M)	
Max Transmitter Power	(dbW/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Condination Downston			
Coordination Parameters		Receive 	
Max Greater Circle Distances	(km)	389.50	
Max Rain Scatter Distances	(km)	477.80	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	n (dbW)	-149.90	
Pain 7000 / Padio 7000		2	7\

2

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: E1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

AMA, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: E1825611

TECHNICAL CHARACTERIST		-		
	Global Eagle AMA, TX	Telecom Lic	ensing Subsidiary L	LC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83)	35 13 101 42 3595.79 3700-4200	31.3 W 1096.00	
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W) (deg) (ft/m)	122.91 9.51	236.70 2.90	
Equipment Parameters		Receive		
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL			
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	473.34 -158.60	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: E1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

FGF, ND

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: E1825612

Rain Zone / Radio Zone

TECHNICAL CHARACTERIS	TICS OF RECEI	 VE ONLY EART	'H STATION
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLC
Site Name, State:	FGF, ND		_
Call Sign:			
Latitude	(NAD83)	47 55	
Longitude	(NAD83)	97 5	52.1 W
Elevation AMSL	(ft/m)	97 5 833.33 3700-4200	254.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long	\cdot (deg W)	60.00	143.00
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(deg)	24.41	19.62
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTEC	н 934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbw/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designato		36M0G7W	
-			
Caradination Brownston			
Coordination Parameters		Receive 	
Max Greater Circle Distances	(km)	413.05	
Max Rain Scatter Distances			
Max Interference Power Long Ter			
Max Interference Power Short Te	rm (dbW)	-149.90	

5

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: E1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

LMK, KY

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: E1825613

	========	========	
TECHNICAL CHARACTERIS	TICS OF RECEI	VE ONLY EART	'H STATION
		========	
Company: Site Name, State: Call Sign:	Global Eagle LMK, KY	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m)	38 6 85 38 633.20 3700-4200	42.4 W 193.00
Transmit Frequency Range Range of Satellite Orbital Long	(MHz) . (deg W) (deg) (ft/m)		143.00 248.42 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: COMTEC	H 934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) r DIGITAL		
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) m (dbW)	492.42 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: E1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

OTX, WA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: E1825614

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	'H STATION
<u> </u>	Global Eagle OTX, WA	Telecom Lic	ensing Subsidiary Ll
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m)	47 40 117 37 2372.04 3700-4200	37.2 W 723.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m)	115.12 9.51	212.68 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)		
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	368.39 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: E1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

VEF, NV

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:

10/03/2018 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 GTT AMERICAS LLC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: E1825615

======================================	CS OF RECEI	======= VE ONLY EART	======== H STATION
	:=======	========	
	_	Telecom Lic	ensing Subsidiary LLC
•	EF, NV		
Call Sign:	(277 5 0 0)	26 0	40 5 37
Latitude	(NAD83)	36 2 115 11	48.5 N
Longitude	(NAD83)	2286.74	4.9 W
Elevation AMSL		3700-4200	
Receive Frequency Range		3/00-4200	
Transmit Frequency Range		60 00	142.00
Range of Satellite Orbital Long.			
Range of Azimuths from North Antenna Centerline	(deg) (ft/m)		2 20
Antenna Centerline Antenna Elevation Angles			
			30.91
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbT)	42.10	
15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)		
Canadination Downstone			
Coordination Parameters		Receive 	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Term	ı (dbW)		
Rain Zone / Radio Zone		5	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: E1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

VUY, NY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: E1825616

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LL
·	VUY, NY		
Call Sign:			
Latitude	(NAD83)	40 46 73 5 75.46 3700-4200	49.1 N
Longitude	(NAD83) (ft/m)	73 5	50.6 W
Elevation AMSL	(it/m)	75.46	23.00
Receive Frequency Range	(MHz)	3/00-4200	
Transmit Frequency Range	(MHz)	60.00	1 4 2 . 0 0
Range of Satellite Orbital Long.	(deg W)	160.00	143.00
Range of Azimuths from North Antenna Centerline	_		
	(ft/m)		
Antenna Elevation Angles	(deg)	40.90	0.40
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELI	N 1375 (3.7	M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	492.07	
Max Rain Scatter Distances		559.00	
Max Interference Power Long Term		-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	
Pain Zone / Padio Zone		2	Δ

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: F1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

APX, MI

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: F1825611

	=========		==========	
TECHNICAL CHARACTERIS		-		
	=========	========	===========	
Company:	Global Eagle	Telecom Lic	ensing Subsidiary	LLC
Site Name, State:	APX, MI			
Call Sign:				
Latitude	(NAD83)	44 54	25.9 N	
Longitude	(NAD83)	84 43 1459.97	9.1 W	
Elevation AMSL	(ft/m)	1459.97	445.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range				
Range of Satellite Orbital Long				
Range of Azimuths from North	(deg)	146.89	246.43	
	(ft/m)			
Antenna Elevation Angles	(deg)	32.75	13.42	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dhT)	42 10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	r DIGITAL	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term	(km) m (dbW)	448.77 503.02 -158.60 -149.90		
Rain Zone / Radio Zone	LIII (UDW)	2	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: F1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

FGZ, AZ

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:

10/03/2018 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
GTT AMERICAS LLC
KPHO BROADCASTING CORPORATION

Respectfully Submitted,

Jeremy & Lewis

Jeremy Lewis Systems Engineer

File: F1825612

TECHNICAL CHARACTERISTI	CS OF RECEI	 VE ONLY EART	======= H STATION
Company: G			ensing Subsidiary LLC
	GZ, AZ	Telecom Pic	ensing substituting the
Call Sign:	G1, A1		
Latitude	(NAD83)	35 13	48 4 N
Longitude	(NAD83)	35 13 111 49	19 9 W
Elevation AMSL	(ft/m)	7129.25	2173 00
Receive Frequency Range		3700-4200	
Transmit Frequency Range		3700 4200	
Range of Satellite Orbital Long.		60 00	143 00
Range of Azimuths from North			
Antenna Centerline	(ft/m)	9.51	
Antenna Elevation Angles			37 45
			37.40
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dhT)	42 10	
15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator		36M0G7W	
Coordination Parameters		Receive 	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term	(km) (dbW)	354.83 -158.60	
Rain Zone / Radio Zone	, ,	5	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: F1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

LOT, 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:

10/03/2018 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:

AETHER GROUP, LLC
COMSEARCH INC
VELOX NETWORKS LLC
WATERLEAF INTERNATIONAL LLC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: F1825613

	=========	========	:=========	
TECHNICAL CHARACTERIST		-		
	=======			
	_	Telecom Lic	ensing Subsidiary	LLC
•	LOT, IL			
Call Sign: Latitude	(MV D 8 3)	41 36	15 5 M	
Longitude	(NAD83)			
Elevation AMSL	(ft/m)	88 5 669.29 3700-4200	204.00	
Receive Frequency Range	(MHz)	3700-4200	201.00	
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.		60.00	143.00	
Range of Azimuths from North				
Antenna Centerline	(ft/m)	9.51	2.90	
Antenna Elevation Angles	(deg)	34.10	17.16	
Equipment Parameters		Receive		
Antenna Gain, Main Beam				
15 DB Half Beamwidth	(deg)	2.80		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances				
Max Rain Scatter Distances				
Max Interference Power Long Term				
Max Interference Power Short Ter	m (dbW)			
Rain Zone / Radio Zone		2	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: F1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PAH, KY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: F1825614

		========	
TECHNICAL CHARACTERIS	TICS OF RECEI	VE ONLY EART	TH STATION
Company: Site Name, State: Call Sign:	Global Eagle PAH, KY	Telecom Lic	censing Subsidiary LLC
Latitude Longitude Elevation AMSL	(NAD83) (ft/m)	37 4 88 46 383.86	21.0 W 117.00
Receive Frequency Range Transmit Frequency Range Range of Satellite Orbital Long Range of Azimuths from North	(MHz)	3700-4200 60.00 137.67	143.00
Antenna Centerline Antenna Elevation Angles	(it/m) (deg)	37.50	2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	r DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) m (dbW)	486.31 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: F1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

VHW, UT

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: F1825615

TECHNICAL CHARACTERIST	ICS OF RECEI	======= VE ONLY EART =======	H STATION
	Global Eagle VHW, UT	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	40 46 111 53 4370.07 3700-4200	12.8 W 1332.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(ft/m)	91.86	28.00
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator			
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (km) (dbW)	357.22 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: F1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

FLEWEACEN-N, VA

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:

10/03/2018 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
MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: F1825616

TECHNICAL CHARACTERISTI			
	lobal Eagle LEWEACEN-N,		ensing Subsidiary LL
Call Sign:	•		
Latitude	(NAD83)	36 56 76 18 16.40 3700-4200	26.9 N
Longitude	(NAD83)	76 18	0.7 W
Elevation AMSL	(ft/m)	16.40	5.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	154.05	255.49
		9.51	
Antenna Elevation Angles	(deg)	43.85	9.88
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.50	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: D H SATE	LLITE 3.8 M	ETER	
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances	(km)	479.84	
Max Rain Scatter Distances	(km)	521.71	
Max Interference Power Long Term	(dbW)	-158.60	
May Interference Power Short Term			

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

-149.90

2

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: G1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

ARX, WI

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: G1825611

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	========		=======================================
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLC
	ARX, WI		3
Call Sign:			
Latitude	(NAD83)	43 49	20.3 N
Longitude	(NAD83)	91 11	29.0 W
Elevation AMSL		649.61	
Receive Frequency Range		3700-4200	
Transmit Frequency Range Range of Satellite Orbital Long.		60 00	1/12 00
	(deg)		
	(ft/m)		
Antenna Elevation Angles	(dea)	30.65	18.25
Equipment Parameters		 Receive	
Antenna Gain, Main Beam	(dhT)	42 10	
15 DB Half Beamwidth	(deg)		
	. 5,		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	110.76	
Max Rain Scatter Distances	(km)	489.06	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	m (dbW)	-149.90	
Pain 7one / Padio 7one		2	Δ

2

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: G1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

FSD, SD

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: G1825612

Rain Zone / Radio Zone

	=======================================	=========		=
TECHNICAL CHARACTERIS'				_
				_
Company:	Global Eagle	Telecom Lic	ensing Subsidiary	LLC
Site Name, State:	FSD, SD			
Call Sign:				
Latitude	(NAD83)	43 35	14.3 N	
Longitude	(NAD83)	96 43	48.0 W	
Elevation AMSL		1400.92		
Receive Frequency Range		3700-4200		
Transmit Frequency Range				
Range of Satellite Orbital Long				
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(deg)	27.81	22.00	
Equipment Parameters		Receive		_
Eduthweit tarameters				_
Antenna Gain, Main Beam	(dbI)	42.10		
15 DB Half Beamwidth	(deg)			
	` /			
Antennas Receive: COMTEC	H 934D0015-G2	(3.8 M)		
Max Transmitter Power	(dbW/4KHz)			
Max EIRP Main Beam	(dbW/4KHz)			
Modulation / Emission Designato:	r DIGITAL	36M0G7W		
				-
Coordination Parameters		Receive		
				_
Max Greater Circle Distances	(lem)	317.30		
Max Rain Scatter Distances		482.35		
May Interference Dever Iona Tona	n (dhw)	-158 60		
Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	n (dbw)	_149 90		
Pain 7000 / Padio 7000	LIII (GDW)	7	7\	

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: G1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

LOX, CA

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:

10/03/2018 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:

AMERICAN TOWER, LLC COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: G1825613

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	Global Eagle LOX, CA	Telecom Lic	ensing Subsidiary I
Latitude	(NAD83)	34 12	25.9 N
Longitude	(NAD83)	119 8	14.6 W
Elevation AMSL	(ft/m)	72.18	22.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	108.57	
Antenna Centerline	(ft/m)	9.51	
Antenna Elevation Angles	(deg)	16.79	42.78
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)		
Coordination Parameters		Receive	
		425 O1	
Max Greater Circle Distances Max Rain Scatter Distances	(KM)	435.91 368.59	
Max kain Scatter Distances Max Interference Power Long Term	(km)		
Max Interference Power Long Term Max Interference Power Short Ter			
Rain Zone / Radio Zone	III (UDW)	4	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: G1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

PDT, OR

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: G1825614

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
	Global Eagle	Telecom Lic	ensing Subsidiary LL
	PDT, OR		
Call Sign:			
Latitude	(NAD83)	45 41 118 51 1482.94 3700-4200	26.5 N
Longitude	(NAD83)	118 51	9.7 W
Elevation AMSL	(IT/M)	1482.94	452.00
Receive Frequency Range	(11112)	3700-4200	
Transmit Frequency Range Range of Satellite Orbital Long.	(MHz)	60.00	1.4.2 0.0
Range of Saterlite Offical Long. Range of Azimuths from North	(deg w)	113 30	212 07
	(ft/m)		
Antenna Elevation Angles			
interma Bievacion imgies	(acg)	12.71	52.27
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)		
Antennas Receive: COMTECE	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
 Coordination Parameters		 Receive	
Max Greater Circle Distances	(lem)	266 29	
Max Rain Scatter Distances	(KIII)	266.29 368.26	
	(\qua	_158 60	
Max Interference Power Long Term Max Interference Power Short Ter	m (dbW)	-130.00 -140 00	
Max Interrerence Fower Short ler Pain 7one / Radio 7one	.111 (UDVV)	-149.90 5	70

5

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: G1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

EMWIN, MD

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:

10/03/2018 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
MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: G1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
± ±	-	Telecom Lic	censing Subsidiary LL
·	EMWIN, MD		
Call Sign: Latitude	(NAD83)	38 59	35 2 N
Longitude	(NAD83)	77 1	52 0 W
Elevation AMSL	(NAD83) (ft/m)	77 1 321.52 3700-4200	98.00
Receive Frequency Range	(MHz)	3700-4200)
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	154.04	254.33
Antenna Centerline	(ft/m)	246.06	75.00
Antenna Elevation Angles	(deg)	41.51	9.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
13 DB Hall Beallwidth	(deg)	4.90	
Antennas Receive: GD SATC	OM 1241		
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam Modulation / Emission Designator		36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances		479.50	
Max Rain Scatter Distances	(km)	521.55	
Max Interference Power Long Term	ı (dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: G1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

FLEWEACEN-SD, CA

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: G1825616

FIIe. G1023010			
TECHNICAL CHARACTERISTI			
Site Name, State:	Global Eagle FLEWEACEN-SD,		ensing Subsidiary LLC
Call Sign: Latitude Longitude Elevation AMSL	(NAD83)	32 42 117 12 0.00	0.4 W
Range of Satellite Orbital Long.	(MHz) (MHz) (dea W)	0.00 3700-4200 60.00	143.00
Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m) (deg)	29.20	8.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: D H SATE	CLLITE 3.8 ME	TER	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term	(km) (dbW)	365.83	

-149.90

4

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: H1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

AWCN, MO

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: H1825611

TECHNICAL CHARACTERIST		-	
		=======	=======================================
	Global Eagle AWCN, MO	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	39 16 94 39 1030.18 3700-4200	43.9 W 314.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	132.48 9.51	240.61 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter	(km) n (dbW)	480.94	
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: H1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

GGW, MT

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: H1825612

TECHNICAL CHARACTERIST		_	
	Global Eagle GGW, MT	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m)	48 12 106 37 2280.18 3700-4200	49.1 W 695.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m) (deg)	125.16 9.51 19.03	224.65 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) n (dbW)	357.93	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: H1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

LSX, MO

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: H1825613

TECHNICAL CHARACTERIST		_	
	Global Eagle LSX, MO	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m) (MHz)	38 41 90 40 593.83 3700-4200	57.0 W 181.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m)	136.50 9.51	244.22 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	484.99 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: H1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PHI, NJ

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: H1825614

TECHNICAL CHARACTERIST		-	
	Global Eagle PHI, NJ	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m)	40 0 74 49 59.06 3700-4200	1.9 W 18.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North	(MHz) (deg W) (deg) (ft/m)	60.00 157.64 9.51	143.00 255.57 2.90
Equipment Parameters			
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter	(km) n (dbW)	538.90	
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: H1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MDOT, MT

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: H1825615

TECHNICAL CHARACTERIST		-	
	Global Eagle MDOT, MT	Telecom Lic	ensing Subsidiary LL
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83)	46 35 111 59 3976.37 3700-4200	34.1 W 1212.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North	(deg) (ft/m)	119.58 7.22	219.60 2.20
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: GD SATC	OM 1241		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	360.82 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: H1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BRO, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: H1825616

rile. mio23010			
TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	TH STATION
	BRO, TX	Telecom Fic	censing Subsidiary
Call Sign:	DRU, IA		
Latitude	(NZD83)	25 54	58 3 N
Longitude		97 25	
Elevation AMSL		26.25	
Receive Frequency Range		3700-4200	
Transmit Frequency Pance	(MH ₇)		
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	119.74	246.82
Antenna Centerline	(ft/m)	22.31	6.80
Antenna Elevation Angles	(deg)	38.84	31.63
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	43.60	
15 DB Half Beamwidth	(deg)	1.80	
Antennas Receive: ASC SIG	NAL CORPORAT	ION ES45-1	(4.5M)
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
${\tt Modulation / Emission Designator}$	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	369.75 472.09	
Max Rain Scatter Distances	(km)	472.09	
${\tt Max \ Interference \ Power \ Long \ Term}$	(dbW)	-158.60	
Max Interference Power Short Term	, ,		
Rain Zone / Radio Zone		2.	A

2

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: J1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BGM, NY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: J1825611

	.=======		=======================================
TECHNICAL CHARACTERIST		-	
		========	=======================================
	_	Telecom Lic	ensing Subsidiary LLC
Site Name, State:	BGM, NY		
Call Sign:	(0.0.)	40 40	44.0
Latitude	(NAD83)	42 12	41.0 N
Longitude	(NAD83)	75 59 1607.61	/.4 W
Elevation AMSL Receive Frequency Range	(IC/M) (MHz)	3700-4200	
Transmit Frequency Range	(MHZ)	3/00-4200	
Range of Satellite Orbital Long.	(MHz)	60 00	1/13 00
Range of Azimuths from North			
Antenna Centerline	(ft/m)	9 51	2 90
Antenna Elevation Angles			
-	_		0.22
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive 	
Max Greater Circle Distances	(km)		
Max Rain Scatter Distances		535.92	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	-
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: J1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

GID, NE

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis Systems Engineer

File: J1825612

TECHNICAL CHARACTERIST		_	
	Global Eagle GID, NE	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	40 38 98 23 1935.69 3700-4200	2.0 W 590.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	129.43 9.51	236.57 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term	(km) (dbW)	478.58	
Rain Zone / Radio Zone		2	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: J1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

LUB, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: J1825613

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	Global Eagle LUB, TX	Telecom Lic	ensing Subsidiary LI
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	33 31 101 52 3228.34 3700-4200	34.3 W 984.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	121.64 12.80	237.68 3.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	472.64 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: J1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PIH, ID

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: J1825614

	========	========	=======================================
TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	========	========	=======================================
	Global Eagle PIH, ID	Telecom Lic	ensing Subsidiary LLC
Call Sign:	rin, in		
Latitude	(NAD83)	42 54	16.2 N
Longitude		112 35	
Elevation AMSL		4422.56	
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	117.50	
Antenna Centerline		9.51	
Antenna Elevation Angles	(deg)	18.18	31.81
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		
Max EIRP Main Beam Modulation / Emission Designator			
_			
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	244.25	
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Ter	m (dbW)	-149.90	
Rain Zone / Radio Zone		5	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: J1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MEMA, MD

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:

10/10/2018 Major Mod

There were no unresolved interference objections.

10/03/2018 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:

Respectfully Submitted,

Jeremy E. Lewis

Jeremy Lewis

Systems Engineer

File: J1825615

TECHNICAL CHARACTERIST		-	
	Global Eagle MEMA, MD	Telecom Lic	ensing Subsidiary LL
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (NAD83) (ft/m) (MHz)	39 29 76 50 600.39 3700-4200	
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	154.55 45.93	254.30 14.00
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: GD SATC	OM 1241		
Modulation / Emission Designator	DIGITAL		
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (km) (dbW)	523.66 -158.60	A

File: J1825615 10-10-2018 page 1

	0-10-2010		page 1
TECHNICAL CHARACTERISTIC	S OF RECEIVE	E ONLY EARTH	STATION
Company: G	lobal Eagle	Telecom Lic	ensing Subsidiary I
Site Name, State:	EMA, MD		
Call Sign:			
Latitude	(NAD83)	<u>39 29</u>	59.3 N
Longitude	(NAD83)	76 50	18.2 W
Elevation AMSL	(ft/m)	600.39	183.00
Receive Frequency Range	(MHz)	3700.00	4200.00
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60	143
Range of Azimuths from North	(deg)	154.55	254.30
Antenna Centerline	(ft/m)	45.93	14.00
Antenna Elevation Angles	(deg)	41.07	9.61
Equipment Parameters			
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	4.90	
Antennas Receive: GD SATCO	M 1241		
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	Digital	36M0G7W 100	KG7W
Coordination Parameters		3.95 GHz	
Max Greater Circle Distances		371.32	.==== ===
Max Rain Scatter Distances	(km)	523.66	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	(dbW)	-149.90	
Rain Zone / Radio Zone		2	А

MICRONET COMMUNICATIONS, INC. 10-10-2018

File: J1825615 page 2

Horizon Angle Horizon Gain Final Contour - 3.95 GHz RECEIVE ONLY

Company: Global Eagle Telecom Licensing Subsidiary LLC

Site Name, State: MEMA, MD

Call Sign:

Latitude (NAD83) 39 29 59.3 N Longitude (NAD83) 76 50 18.2 W

Azimuth		Gain	Final Contour (km)		Azimuth	Angle	Gain	
0	53.12		104.8			29.47	44.00	164.0
5	53.09		104.8			29.57		165.8
10	53.04	44.00	104.8		190	29.70	44.00	169.2
15	52.99	44.00 44.00	104.8		195	29.70 29.86	44.00	174.8
20	52.93	44.00	104.8		200	30.05	44.00	179.5
	52.87		104.8			30.28		177.2
30	52.80	44.00	104.8		010	20 52		168.9
35	52.75	44.00 44.00	104.8		210	30.79	44.00 44.00	158.2
40	52.68	44.00	104.8		220	31.07	44.00	147.4
	52.62		104.8		225	31.38	44.00	139.2
50	52.56	44.00	104.8			31.66	44.00	131.8
55	52.50	44.00 44.00	104.8		235	31.66 31.85	44.00	117.5
60	52.43	44.00	104.8		240	32.04	44.00	113.9
65	52.37	44.00	104.9		245	32.23	44.00	110.4
70	52.31	44.00	107.5		250	22 /1	44.00	107.2
75	52.25	44.00 44.00	110.2		255	51.99	44.00 44.00	104.8
80	52.14	44.00	113.0		260	52.10	44.00	104.8
85	52.00	44.00	116.0		265	52.21	44.00	104.8
90	23.71	44.00	119.2		070	F 0 00	44.00	105.4
95	23.44	0.00	122.9		275	52.42	44.00	104.8
100	23.14	44.00	127.4		280	52.52	44.00	104.8
105	22.82	0.00	173.4		285	52.62	44.00	104.8
110	22.47	44.00	192.5		200	52 71	44 00	104.8
115	22.09	44.00 44.00	199.4		295	52.79	44.00	104.8
120	21.71	44.00	240.8		300	52.87	44.00	104.8
125	30.57 30.34 30.17	44.00	371.3		305	52.94	44.00	104.8
130	30.34	44.00	315.1		310	53.00 53.06	44.00	104.8
135	30.17	0.00	231.2		315	53.06	44.00	104.8
140	30.00		200.8		320	53.10		
240382423	115910588	417240129	8636800.00)				
104.8								
	29.84		196.0		325			104.8
150	29.69	44.00	187.4		330		0.00	104.8
155	29.55	44.00	177.9		335	53.18	0.00	104.8
160	29.55 29.43 29.34	44.00	171.7		340	53 18	0 00	104.8
165	29.34	44.00	167.4		345	53.18		104.8
170	29.36	44.00	164.8		350	53.17		104.8
175	29.40	44.00	163.7		355	53.15	0.00	104.8

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: J1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

CAR, ME

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: J1825616

TECHNICAL CHARACTERIST		-	
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLC
Site Name, State:	CAR, ME		-
Call Sign:			
Latitude	(NAD83)	46 52 68 0 616.80 3700-4200	5.2 N
Longitude	(NAD83)	68 0	47.5 W
Elevation AMSL	(ft/m)	616.80	188.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	169.08	258.93
Antenna Centerline	(ft/m)	13.78	4.20
Antenna Elevation Angles	(deg)	35.56	1.52
Equipment Parameters		Receive	
Antonio Colo Mala Bara	(-11- T)	42.60	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
15 DB Hall Beamwidth	(deg)	1.80	
Antennas Receive: ASC SIGN	NAL CORPORAT:	ION ES45-1 (4.5M)
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)	26162677	
Modulation / Emission Designator	DIGITAL	36MUG/W	
Coordination Parameters		Receive	
Man Charten Cincle Bistone	(1)	CCO 10	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term		-158.60	

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

-149.90

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: K1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BIS, ND

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:

10/03/2018 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:

AT&T CORP.
COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: K1825611

			=======================================
TECHNICAL CHARACTERIST		-	
	========	========	=======================================
	Global Eagle	Telecom Lic	ensing Subsidiary LLC
•	BIS, ND		
Call Sign:			
Latitude	(NAD83)	46 46	18.5 N
Longitude	(NAD83)	100 45	34.9 W
Elevation AMSL		1650.15	
Receive Frequency Range	(MHz)	3700-4200	
	(MHz)	60.00	1.10.00
Range of Satellite Orbital Long.			
Range of Azimuths from North		130.21	231.26
Antenna Centerline	(ft/m)		2.90
Antenna Elevation Angles	(deg)	23.28	22.45
Equipment Parameters		Receive	
	(dbI)		
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
			
Max Greater Circle Distances			
Max Rain Scatter Distances	(km)	354.71	
Max Interference Power Long Term			
Max Interference Power Short Term	m (dbW)	-149.90	
Rain Zone / Radio Zone		5	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: K1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

GJT, CO

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:

10/03/2018 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 QWEST CORPORATION

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: K1825612

	:========	========	============	
TECHNICAL CHARACTERIST		-		
	.=======	=======	=======================================	
	_	Telecom Lic	ensing Subsidiary D	LLC
	GJT, CO			
Call Sign: Latitude	(MDD83)	39 7	12 N N	
Longitude	(NAD83)	108 31	28.9 W	
Elevation AMSL	(ft/m)	108 31 4855.63	1480.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.				
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(deg)	22.93	32.44	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dbI)	42.10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz) (dbW/4KHz)			
Modulation / Emission Designator				
Coordination Parameters		Receive		
Max Greater Circle Distances				
Max Rain Scatter Distances				
Max Interference Power Long Term				
Max Interference Power Short Ter	m (dbW)		_	
Rain Zone / Radio Zone		5	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: K1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

LWX, VA

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:

10/03/2018 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
MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: K1825613

TECHNICAL CHARACTERIST		-		=
	Global Eagle LWX, VA	Telecom Lic	ensing Subsidiary	LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (NAD83) (ft/m) (MHz)	38 58 77 29 269.03 3700-4200	36.5 N 10.7 W 82.00	
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	153.40 9.51	254.01 2.90	
Equipment Parameters		Receive		
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	519.12 -158.60	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: K1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PQR, OR

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: K1825614

TECHNICAL CHARACTERIS	FICS OF RECEI	VE ONLY EARI	H STATION
=======================================			=======================================
<u> </u>	-	Telecom Lic	ensing Subsidiary LLC
Site Name, State: Call Sign:	PQR, OR		
Latitude		45 33	
Longitude Elevation AMSL		122 32	
Receive Frequency Range		16.40 3700-4200	
Transmit Frequency Range	(MHz)	3700 1200	
Range of Satellite Orbital Long	. (deg W)	60.00 110.36	143.00
Range of Azimuths from North	(deg)	110.36	207.59
Antenna Centerline Antenna Elevation Angles	(ft/m)	J.J.	2.50
nntenna bievation migres			
Equipment Parameters		Receive	
Antonno Coin Moin Doom	(alla T)	40 10	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(deg)		
	(5 /		
Antennas Receive: COMTECE	H 934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	r DIGITAL	36MUG/W	
Coordination Parameters		 Receive	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term Max Interference Power Short Term			
Rain Zone / Radio Zone	LIII (GDW)	-149.90 3	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: K1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

NWWS SPC, OK

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: K1825615

TECHNICAL CHARACTERIST		-	
	Global Eagle NWWS SPC, OK		ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (NAD83) (ft/m) (MHz)	35 10 97 26 1135.17 3700-4200	20.4 W 346.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	126.96 7.22	240.53 2.20
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: GD SATC	OM 1241		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL		
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	475.98 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: K1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

CRP, 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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: K1825616

TECHNICAL CHARACTERIST	ICS OF RECEIV	-	
Company:			censing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (NAD83) (ft/m) (MHz)	27 46 97 30 39.37 3700-4200	44.0 N 20.2 W 12.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North	(MHz) (deg W) (deg) (ft/m)	60.00 121.27 13.78	143.00 245.39 4.20
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: ASC SIGN	NAL CORPORAT	ION ES45-1 ((4.5M)
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term	(km) (dbW)	472.67	

-149.90 2

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: L1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BMX, AL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: L1825611

			=======================================
TECHNICAL CHARACTERIST		-	
	=======	========	=========
	_	Telecom Lic	ensing Subsidiary LLC
,	BMX, AL		
Call Sign:			
Latitude	(NAD83)	33 10	44.8 N
Longitude	(NAD83)	86 46 574.15	56.6 W
Elevation AMSL			
Receive Frequency Range	(MHz)	3/00-4200	
	(MHz)	60.00	142.00
Range of Satellite Orbital Long.			
Range of Azimuths from North		137.31	249.89
Antenna Centerline	(ft/m)		2.90
Antenna Elevation Angles	(deg)	41.90	19.56
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42 10	
	(deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive 	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Terr	n (dbW)		_
Rain Zone / Radio Zone		1	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: L1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

GRB, WI

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: L1825612

TECHNICAL CHARACTERIST		_	
	Global Eagle GRB, WI	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(ft/m) (MHz)	44 29 88 6 666.01 3700-4200	41.0 W 203.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m)	142.69 9.51	243.77 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	494.90 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: L1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

LZK, AR

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: L1825613

	-	
	=======	
Global Eagle LZK, AR	Telecom Lic	ensing Subsidiary LLC
(NAD83) (ft/m) (MHz)	92 15	34.2 W 170.00
<pre>. (deg W) (deg) (ft/m)</pre>	132.14 9.51	244.97 2.90
	Receive	
(dbI) (deg)	42.10 2.80	
H 934D0015-G2	(3.8 M)	
	Receive	
(km) n (dbW)	563.94 -158.60 -149.90	A
	Global Eagle LZK, AR (NAD83) (NAD83) (ft/m) (MHz) (MHz) (deg W) (deg) (ft/m) (deg) (dbI) (deg) H 934D0015-G2 (dbW/4KHz) (dbW/4KHz) DIGITAL (km) (km) (km) (dbW)	(NAD83) 34 50 (NAD83) 92 15 (ft/m) 557.74 (MHz) 3700-4200 (MHz) (deg W) 60.00 (deg) 132.14 (ft/m) 9.51 (deg) 37.03 Receive (dbI) 42.10 (deg) 2.80 H 934D0015-G2 (3.8 M) (dbW/4KHz) (dbW/4KHz) (dbW/4KHz) The control of

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: L1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PSR, AZ

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:

10/03/2018 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
GTT AMERICAS LLC
KPHO BROADCASTING CORPORATION
QWEST CORPORATION

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: L1825614

				=
TECHNICAL CHARACTERIST		_		=
	Global Eagle	Telecom Lic	ensing Subsidiary	LLC
	PSR, AZ			
Call Sign:	(0.0.)	00 06	05 5	
Latitude	(NAD83)	33 26	35.5 N	
Longitude	(NAD83)	111 56 1246.72	24.5 W	
Elevation AMSL	(IT/M)			
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)	60 00	1.42 0.0	
Range of Satellite Orbital Long.				
Range of Azimuths from North Antenna Centerline				
Antenna Elevation Angles	(ft/m)			
-	_		30.00	
Equipment Parameters		Receive		- -
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive		_
				_
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter	(km) ı (dbW)	403.86 354.30 -158.60 -149.90		
Rain Zone / Radio Zone	, ,	5	A	

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: L1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PEM, PA

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:

10/10/2018 Major Mod

There were no unresolved interference objections.

10/03/2018 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 MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis

Systems Engineer

File: L1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERISTI	CS OF RECEI	VE ONLY EARTH ST	ATION
			========
Company:	lobal Eagle	Telecom Licensia	ng Subsidiary LLC
· · · · · · · · · · · · · · · · · · ·	PEM, PA		
Call Sign: Latitude	(NAD83)	40 17 48.	5 N
Longitude	(NAD83)		
Elevation AMSL	(ft/m)	446.19	136.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range Range of Satellite Orbital Long.	(MHz)	60 00	143 00
Range of Azimuths from North	(deg)	154.88	254.03
Antenna Centerline	(ft/m)	7.22	2.20
Antenna Elevation Angles	(deg)	40.26	9.41
Burianah Baranah		D	
Equipment Parameters		Receive 	
	(11 7)	20.00	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(deg)		
10 DD Hall Beamwiden	(deg)	1.50	
Antennas Receive: GD SATCO	M 1241		
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W 100KG7W	
Coordination Parameters		 Receive	
ratameters			
Max Greater Circle Distances	(km)	382 38	
Max Rain Scatter Distances			
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	ı (dbW)	-149.90	

2

A

File: L1825615 10-10-2018 page 1

TECHNICAL CHARACTERISTIC			STATION
Company:	Global Eagle	Telecom Lice	ensing Subsidiary Ll
Site Name, State:	PEM, PA		
Call Sign:			
Latitude	(NAD83)	40 17	<u>48.5</u> N
Longitude	(NAD83)	76 52	<u>6.6</u> W
Elevation AMSL	(ft/m)	446.19	136.00
Receive Frequency Range	(MHz)	3700.00	4200.00
Fransmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60	143
Range of Azimuths from North	(deg)	154.88	254.03
Antenna Centerline	(ft/m)	7.22	2.20
Antenna Elevation Angles	(deg)	40.26	9.41
Equipment Parameters		3.95 GHz	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	4.90	
Antennas Receive: GD SATCO	DM 1241		
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	Digital	36M0G7W 100F	KG7W
Coordination Parameters		3.95 GHz	
Max Greater Circle Distances		382.38	
Max Rain Scatter Distances	(km)	525.20	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Terr	n (dbW)	-149.90	
Rain Zone / Radio Zone		2	A

MICRONET COMMUNICATIONS, INC. 10-10-2018

File: L1825615 page 2

==========		===========	====	======		====
Horizon Angle	Horizon Gain	Final Contour	-	3.95 GH	z RECEIVE	ONLY
==========		===========	====	======	-======	====

Company: Global Eagle Telecom Licensing Subsidiary LLC

Site Name, State: PEM, PA

Call Sign:

Latitude (NAD83) 40 17 48.5 N Longitude (NAD83) 76 52 6.6 W

	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)	North Azimuth (deg)		Horizon Gain (db)	Final Contour (km)
0	2.66	-6.85	209.5	180	1.82	-8.57	243.0
5	2.21	-10.14	219.7	185	2.12	-8.42	233.3
10	2.28	-12.58	218.1	190	2.29	-8.19	229.9
15	1.65	-15.04	239.0	195	2.29	-7.88	231.7
20	1.86	-15.23	231.2	200	2.29	-7.47	231.8
25	1.62	-14.04	239.9	205	2.29	-6.95	231.0
30	1.58	-12.37	241.5	210	2.29	-6.35	229.5
35	1.45	-10.66	246.2	215	2.29	-5.68	227.0
40	0.99	-8.70	263.1	220	2.25	-4.73	225.7
45	0.68	-6.39	284.1	225	2.14	-3.66	226.0
50	0.64	-6.00	287.1	230	2.01	-2.53	226.2
55	0.34	-6.00	312.1	235	1.88	-1.35	230.6
60	0.35	-7.20	320.3	240	1.74	-0.12	235.8
65	0.60	-10.00	312.6	245	1.59	0.00	241.2
70	0.86	-10.00	305.1	250	1.43	3.07	246.9
75	1.06	-10.00	306.4	255	1.27	5.16	252.7
80	1.21	-10.00	316.2	260	1.11	0.00	258.6
85	1.36	-10.00	329.6	265	0.94	0.00	266.1
90	1.69	-10.00	341.4	270	0.78	-1.13	276.5
95	1.81	-10.00	368.2	275	1.00	-2.75	262.7
100	1.76	-10.00	382.4	280	1.30	-4.43	251.6
105	1.77	-10.00	382.2	285	1.58	-5.97	241.3
110	1.54	-10.00	363.3	290	1.60	-7.25	240.8
115	1.49	-10.00	339.5	295	1.69	-8.53	237.5
120	1.24	-10.00	331.6	300	1.79	-9.82	233.7
125	1.19	-10.00	319.5	305	1.62	-10.00	240.0
130	1.09	-9.53	312.1	310	1.61	-10.00	240.4
135	0.97	-9.00	308.2	315	1.30	-10.00	251.6
140	0.74	-8.61	316.5	320	0.97	-10.00	264.3
145	0.83	-8.26	303.2	325	0.96	-10.00	264.9
150	0.89	-8.04	293.2	330	1.60	-10.00	240.9
155	1.04	-7.94	278.7	335	1.76	-10.00	234.8
160	1.26	-7.95	267.3	340	1.89	-10.00	230.4
165	1.10	-8.20	270.9	345	1.91	-9.49	229.3
170	1.20	-8.47	266.1	350	2.14	-6.00	221.7
175	1.51	-8.58	254.1	355	2.45	-6.00	214.3

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: L1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

EWX, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: L1825616

TECHNICAL CHARACTERIS		-	
Company:		Telecom Lic	censing Subsidiary LL(
	EWX, TX		
Call Sign: Latitude	(NAD83)	20 42	15 5 N
Longitude	(NAD83)		
Elevation AMSL	(ft/m)	623 36	190 00
Receive Frequency Range	(MHz)	3700-4200	190:00
Transmit Frequency Range	(MHz)	3700 1200	
Range of Satellite Orbital Long.	. (dea W)	60.00	143.00
Range of Azimuths from North	(dea)	122.36	243.62
Antenna Centerline		13.78	
Antenna Elevation Angles	(deg)	36.17	30.44
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dhT)	43 60	
	(deg)		
Antennas Receive: ASC SIG			(
Antennas Receive. ASC 510	JNAL CORPORATI	ON E345-1	(4.JM)
Max Transmitter Power	(dbW/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designator		36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	373.76	

-158.60 -149.90

2

Max Interference Power Long Term (dbW)

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

BOI, ID

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: M1825611

			==========
TECHNICAL CHARACTERIST		-	
	=========		===========
	Global Eagle	Telecom Lic	ensing Subsidiary LLC
•	BOI, ID		
Call Sign:			
Latitude	(NAD83)	43 34	3.4 N
Longitude	(NAD83)	116 12	40.7 W
Elevation AMSL		2864.17	
Receive Frequency Range		3700-4200	
	(MHz)	60.00	1.10.00
Range of Satellite Orbital Long.			
Range of Azimuths from North			
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)	15.40	33.03
Equipment Parameters		 Receive	
	(dbI)		
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive 	
		440	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Ter	m (dbW)		-
Rain Zone / Radio Zone		5	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

GRR, MI

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: M1825612

=======================================			===========	
TECHNICAL CHARACTERIST		-		
	========	=======	=======================================	
Company:		Telecom Lic	ensing Subsidiary LI	ıС
Site Name, State:	GRR, MI			
Call Sign:				
Latitude	(NAD83)	42 53 85 32 780.84 3700-4200	35.5 N	
Longitude	(NAD83)	85 32	42.0 W	
Elevation AMSL	(ft/m)	780.84	238.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long	. ($deg W$)	60.00	143.00	
Range of Azimuths from North	(deg)	144.92	246.52	
	(ft/m)			
Antenna Elevation Angles	(deg)	34.21	14.82	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dbI)	42.10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	r DIGITAL	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Terr Max Interference Power Short Ter	(km) n (dbW)	395.44 498.06 -158.60 -149.90		
Rain Zone / Radio Zone		2	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MAF, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: M1825613

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	Global Eagle MAF, TX	Telecom Lic	ensing Subsidiary LL
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83)	31 56 102 11 2851.04 3700-4200	20.4 W 869.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W) (deg) (ft/m)	120.27 9.51	238.50 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	349.37 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

PUB, CO

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:

10/03/2018 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 QWEST CORPORATION

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: M1825614

TECHNICAL CHARACTERIST		_	
	_	Telecom Lic	ensing Subsidiary LLO
·	PUB, CO		
Call Sign: Latitude	(NIA D.O.2)	20 16	47 2 M
	(NADØ3)	38 16 104 31	4 / . 3 N
Longitude	(NAD83)	4668.63	1422 00
Elevation AMSL			
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(/	60.00	142.00
Range of Satellite Orbital Long.			
Range of Azimuths from North		122.21	232.07
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)	26.25	30.44
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) DIGITAL		
Coordination Parameters		Receive	
			
Max Greater Circle Distances			
Max Rain Scatter Distances	(km)	476.95	
Max Interference Power Long Term			
Max Interference Power Short Term	n (dbW)	-149.90	
Rain Zone / Radio Zone		2	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BLV, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: M1825615

TECHNICAL CHARACTERISTIC	CS OF RECEI	VE ONLY EART	H STATION
	lobal Eagle LV, IL	Telecom Lic	ensing Subsidiary LL
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	38 32 89 51 449.47 3700-4200	59.4 W 137.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg) (ft/m)	137.34 9.84	244.95 3.00
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: PRODELIN	1374 (3.7M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	485.95 -158.60	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

HGX, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: M1825616

rile. MI023010			
TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	TH STATION
	========	========	==========
	_	Telecom Lic	censing Subsidiary I
	HGX, TX		
Call Sign:	(333 5 0 0)	0.0	10.0.3
Latitude		29 28	
Longitude	(NAD83)	95 5 16.40	U.2 W
Elevation AMSL			
Receive Frequency Range	(2.555)	3700-4200	
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline	(MHz)	60 00	142.00
Pange of Agimuths from North	(deg w)	125 01	246.04
Antonna Contorlino	(ft/m)	17 06	5 20
Antenna Elevation Angles	(dea)	38 66	28 04
			20.04
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	1.80	
Antennas Receive: ASC SIG	NAL CORPORAT	ION ES45-1	(4.5M)
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances Max Rain Scatter Distances	(km)	380.70	
Max Rain Scatter Distances	(km)	475.15	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	
Rain Zone / Radio Zone		2	A

2

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BTV, VT

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: N1825611

				=
TECHNICAL CHARACTERIST		-		
	========	========		=
Company:	_	Telecom Lic	ensing Subsidiary	LLC
Site Name, State:	BTV, VT			
Call Sign:				
Latitude	(NAD83)	44 28 73 8 324.80 3700-4200	24.2 N	
Longitude	(NAD83) (ft/m)	73 8	47.4 W	
Elevation AMSL	(ft/m)	324.80	99.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long	. ($deg W$)	60.00	143.00	
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(deg)	37.10	5.59	
Equipment Parameters		Receive		-
Antenna Gain, Main Beam	(dbI)	42.10		
15 DB Half Beamwidth	(deg)	2.80		
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	r DIGITAL	36M0G7W		
Coordination Parameters		Receive		_
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Terr Max Interference Power Short Ter	(km) m (dbW)	417.66 575.67 -158.60 -149.90		
Rain Zone / Radio Zone		2	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

GSP, SC

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: N1825612

		========	
TECHNICAL CHARACTERIST		-	
	_	Telecom Lic	censing Subsidiary LLC
Site Name, State: Call Sign:	GSP, SC		
Latitude	(NAD83)	34 52	59 9 N
Longitude	(NAD83)	82 13	12.0 W
Elevation AMSL	(ft/m)	948.16	289.00
Receive Frequency Range	(MHz)	3700-4200)
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	144.46	
Antenna Centerline	(ft/m)		
Antenna Elevation Angles	(deg)	43.08	15.23
Equipment Parameters		Receive	
Antonna Coin Main Doon	(alla T)	40 10	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(deg)	2.80	
15 bb Hall beamwiden	(deg)	2.00	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	436.95	
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Ter		-149.90	
Rain Zone / Radio Zone		1	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MEG, TN

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: N1825613

=======================================				==
TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION	
	========	========	=======================================	==
	Global Eagle	Telecom Lic	ensing Subsidiary	/ LLC
	MEG, TN			
Call Sign:				
Latitude	(NAD83)	35 7 89 48 298.56 3700-4200	47.3 N	
Longitude	(NAD83)	89 48	13.3 W	
Elevation AMSL	(ft/m)	298.56	91.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)	60.00	1.10.00	
Range of Satellite Orbital Long.				
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(aeg)	38.42	21.25	
Equipment Parameters		Receive		
Antonno Coin Main Doom	(alla T)	40.10		
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTECH	03400015-03	(2 0 M)		
Antennas Receive: COMIECA	934D0013=G2	(3.6 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive 		
		004.50		
Max Greater Circle Distances	(km)			
Max Rain Scatter Distances		568.05		
Max Interference Power Long Term	(dbW)	-158.60		
Max Interference Power Short Ter	m (dbW)	-149.90	7	
Rain Zone / Radio Zone		1	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

RAH, NC

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: N1825614

	.========	=======	=======================================	
TECHNICAL CHARACTERIST		-		
	:=======	========	=======================================	
		Telecom Lic	ensing Subsidiary LLC	
Site Name, State:	RAH, NC			
Call Sign:				
Latitude	(NAD83)	35 46 78 40 324.80 3700-4200	14.2 N	
Longitude	(NAD83) (ft/m)	78 40	52.0 W	
Elevation AMSL	(ft/m)	324.80	99.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.				
Range of Azimuths from North	(deg)	149.95	254.30	
	(ft/m)			
Antenna Elevation Angles	(deg)	44.00	12.10	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dbI)	42.10		
15 DB Half Beamwidth	(deg)	2.80		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Max EIRP Main Beam Modulation / Emission Designator		36M0C7W		
Moduration / Emission Designator	DIGITAL	30110G/W		
Coordination Parameters		Receive		
W G	(1)	462.00		
Max Greater Circle Distances	(Km)			
Max Rain Scatter Distances		602.15		
Max Interference Power Long Term	(dbW)	-158.60		
Max Interference Power Short Ter	m (dbW)	-149.90	7	
Rain Zone / Radio Zone		1	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

OFF, NB

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:

10/10/2018 Major Mod

There were no unresolved interference objections.

10/03/2018 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:

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis Systems Engineer

File: N1825615

TECHNICAL CHARACTERISTI		-		=
	Global Eagle DFF, NB	Telecom Lice	ensing Subsidiary	LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (NAD83) (ft/m) (MHz)	41 7 95 55 1063.00 3700-4200	3.7 W 324.00	
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	132.24 9.51	238.55 2.90	
Equipment Parameters		Receive		-
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: PRODELIN	·	•		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W 100F	KG7W	
Coordination Parameters		Receive		_
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	481.10 -158.60	А	

File: N1825615 10-10-2018 page 1

File: N1825615 1	.0-10-2018		page 1
TECHNICAL CHARACTERISTIC	S OF RECEIV	E ONLY EARTH	STATION
Company: G	lobal Eagle	Telecom Lice	ensing Subsidiary D
Site Name, State: 0	FF, NB		
Call Sign:			
Latitude	(NAD83)	41 7	56.3 N
Longitude	(NAD83)	95 55	3.7 W
Elevation AMSL	(ft/m)	1063.00	324.00
Receive Frequency Range	(MHz)	3700.00	4200.00
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60	143
Range of Azimuths from North	(deg)	132.24	238.55
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)	30.08	22.86
Equipment Parameters		3 95 GHz	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.40	
Antennas Receive: PRODELIN	1374 (3.7M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator			KG7W
Coordination Parameters		3.95 GHz	
Max Greater Circle Distances		387.12	-
Max Rain Scatter Distances	(km)	481.10	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	n (dbW)	-149.90	
Rain Zone / Radio Zone		2	А

MICRONET COMMUNICATIONS, INC. 10-10-2018

File: N1825615 page 2

Horizon Angle Horizon Gain Final Contour - 3.95 GHz RECEIVE ONLY

Company: Global Eagle Telecom Licensing Subsidiary LLC

Site Name, State: OFF, NB

Call Sign:

Latitude (NAD83) 41 7 56.3 N Longitude (NAD83) 95 55 3.7 W

North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)	North Azimuth (deg)	Horizon Angle (deg)	Horizon Gain (db)	Final Contour (km)
0	2.19	-13.87	220.0	180	0.09	-8.78	344.1
5	2.13	-15.06	222.0	185	0.08	-8.72	345.6
10	2.26	-13.10	218.6	190	0.16	-8.51	348.0
15	2.81	-10.89	206.0	195	0.22	-8.18	335.2
20	3.40	-8.20	192.7	200	0.15	-7.78	356.3
25	3.74	-6.00	184.9	205	0.22	-7.24	344.1
30	4.09	-6.00	178.1	210	0.30	-6.62	343.6
35	4.41	-6.78	173.9	215	0.32	-5.94	345.8
40	4.76	-10.00	169.3	220	0.34	-5.07	346.8
45	5.15	-10.00	164.2	225	0.29	-4.08	350.7
50	5.46	-10.00	160.2	230	0.40	-3.28	341.8
55	5.63	-10.00	158.0	235	0.34	-2.85	343.6
60	5.76	-10.00	156.3	240	0.38	-2.76	337.7
65	5.82	-10.00	155.5	245	0.28	-3.09	339.9
70	5.85	-10.00	155.1	250	0.31	-3.72	332.5
75	5.83	-10.00	157.1	255	0.27	-4.65	329.1
80	5.76	-10.00	163.1	260	0.25	-5.70	324.2
85	5.65	-10.00	169.9	265	0.27	-6.62	316.3
90	5.46	-9.93	177.9	270	0.22	-7.63	318.1
95	4.92	-8.99	191.8	275	0.15	-8.70	334.5
100	4.30	-8.11	207.0	280	0.10	-9.80	334.5
105	3.50	-7.36	230.3	285	0.04	-10.00	334.5
110	2.67	-6.71	260.0	290	0.09	-10.00	334.5
115	1.91	-6.18	287.6	295	0.11	-10.00	334.5
120	1.13	-5.82	318.7	300	0.11	-10.00	334.5
125	0.50	-5.60	356.1	305	0.15	-10.00	334.5
130	0.12	-5.51	387.1	310	1.03	-10.00	261.5
135	0.05	-5.54	378.2	315	2.36	-10.00	216.3
140	0.04	-5.75	369.8	320	2.32	-10.00	217.1
145	0.08	-6.13	362.7	325	3.30	-10.00	195.0
150	0.06	-6.68	356.7	330	3.12	-9.90	199.0
155	0.00	-7.30	351.9	335	2.60	-6.06	210.7
160	0.00	-7.82	348.4	340	2.37	-6.00	216.0
165	0.03	-8.23	345.7	345	2.40	-6.10	215.5
170	0.10	-8.52	344.2	350	2.38	-9.13	215.9
175	0.08	-8.72	343.7	355	2.30	-11.62	217.5

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: N1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

KEY, FL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: N1825616

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST		-	
		Telecom Lic	ensing Subsidiary LLG
Site Name, State: Call Sign:	KEY, FL		
Latitude	(NAD83)	24 33	13.7 N
Longitude		81 47	
Elevation AMSL		3.28	
Receive Frequency Range	(MHz)	3700-4200	1
Transmit Frequency Range			
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	136.11	257.14
Antenna Centerline	(ft/m)	17.06	5.20
Antenna Elevation Angles	(deg)	52.34	17.71
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbl)	1.80	
Antennas Receive: ASC SIG	NAL CORPORAT	ION ES45-1 (4.5M)
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	421 59	
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Term	n (dbW)	-149.90	
Dain Zama / Dadia Zama		1	70

1

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: 01825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BUF, NY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: 01825611

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	'H STATION
	Global Eagle BUF, NY	Telecom Lic	ensing Subsidiary LI
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m)	42 56 78 43 2270.34 3700-4200	10.5 W 692.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W) (deg) (ft/m)	153.55 9.51	251.83 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	521.03 -158.60	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: 01825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

GYX, ME

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: 01825612

TECHNICAL CHARACTERIST		_		=
Company: Site Name, State:	-	Telecom Lic	ensing Subsidiary	LL(
Call Sign:	GIA, ME			
Latitude	(NAD83)	43 53	33 O N	
Longitude	(NAD83)	70 15 334.65	15 8 W	
Elevation AMSL	(NAD83) (ft/m)	334.65	102.00	
Receive Frequency Range	(MHz)	3700-4200	101.00	
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.		60.00	143.00	
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles				
Equipment Parameters		Receive		_
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator				
Coordination Parameters		Receive		_
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) n (dbW)	637.57 -158.60	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: 01825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MFR, OR

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: 01825613

	========		
TECHNICAL CHARACTERIST		-	
	Global Eagle MFR, OR	Telecom Lic	ensing Subsidiary LLO
Call Sign:	MER, OR		
Latitude	(NAD83)	42 22	37.6 N
Longitude		122 52	
Elevation AMSL	(ft/m)	1302.49	397.00
Receive Frequency Range	(MHz)	3700-4200	1
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	109.04	208.52
Antenna Centerline	(ft/m)		
Antenna Elevation Angles	(deg)	11.16	37.00
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dhT)	42 10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz) (dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	344.63	
Max Rain Scatter Distances	(km)	380.90	
Max Interference Power Long Term			
Max Interference Power Short Ter	m (dbW)	-149.90	
Rain Zone / Radio Zone		3	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: 01825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

REV, NV

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:

10/03/2018 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

PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: 01825614

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	Global Eagle REV, NV	Telecom Lic	ensing Subsidiary LI
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83)	39 34 119 47 4963.90 3700-4200	46.0 W 1513.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W) (deg) (ft/m)	110.34 9.51	213.94 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	364.62 -158.60	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: 01825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

NTWC, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: 01825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST		-	
	Global Eagle	Telecom Lic	ensing Subsidiary L
·	NTWC, AK		
Call Sign:			
Latitude		61 35	
Longitude	(NAD83)	149 7	59.0 W
Elevation AMSL	(ft/m)	0.00 3700-4200	0.00
Receive Frequency Range		3700-4200	1
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	89.00	143.00
Range of Azimuths from North	(deg)	116.80	173.04
Antenna Centerline	(ft/m)		
Antenna Elevation Angles	(deg)	5.05	20.07
Equipment Parameters			
Antenna Gain, Main Beam	(dbT)	42 00	
15 DB Half Beamwidth	(deg)		
Antennas Receive: GD SATC	OM 1385		
Max Transmitter Power			
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) DIGITAL	36M0G7W	
		 Receive	
Max Greater Circle Distances	(km)	107.98	
Max Rain Scatter Distances			
Max Interference Power Long Term		-158.60	
Max Interference Power Short Ter	m (dbW)	-149 90	
Pain 7000 / Padio 7000		2	7\

3

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: 01825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

LIX, LA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: 01825616

TECHNICAL CHARACTERIST		-	
Company:	Global Eagle	Telecom Lic	censing Subsidiary LL
<u> </u>	LIX, LA		3
Call Sign:			
Latitude		30 20	
Longitude	(NAD83)	89 49	30.0 W
Elevation AMSL	(ft/m)	26.25	8.00
Receive Frequency Range	(MHz)	3700-4200	0
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	131.38	249.28
Antenna Centerline	(ft/m)	17.06	5.20
Antenna Elevation Angles	(deg)	42.05	23.17
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	43.60	
15 DB Half Beamwidth	(deg)	1.80	
Antennas Receive: ASC SIG	NAL CORPORATI	ON ES45-1	(4.5M)
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator		36M0G7W	
Condination Department			
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	397 91	
Max Rain Scatter Distances			
	LKIIII	.104.7.1	

-158.60

-149.90

1

Max Interference Power Long Term (dbW)

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: P1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BYZ, MT

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: P1825611

TECHNICAL CHARACTERIST		-	
	Global Eagle BYZ, MT	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m)	45 45 108 34 3185.69 3700-4200	10.9 W 971.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m) (deg)	122.30 9.51 19.31	223.74 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) n (dbW)	357.63	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: P1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

HNX, CA

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:

10/03/2018 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:

AMERICAN TOWER, LLC COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: P1825612

TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LL
	HNX, CA		
Call Sign:		36 18 119 37 242.78 3700-4200	
Latitude	(NAD83)	36 18	50.8 N
Longitude	(NAD83)	119 37	54.8 W
Elevation AMSL	(ft/m)	242./8	74.00
Receive Frequency Range	(MHz)	3/00-4200	
Transmit Frequency Range	(MHz)	60.00	142.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg w)	100.00	143.00
	(deg) (ft/m)		
Antenna Centerline Antenna Elevation Angles			
			41.10
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
 Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	433.58	
Max Rain Scatter Distances		370.33	
Max Interference Power Long Term			
Max Interference Power Short Ter	m (dbW)	-149.90	
Dain Zono / Dadio Zono		1	7\

4

Rain Zone / Radio Zone

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: P1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

MHX, NC

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: P1825613

TECHNICAL CHARACTERIST		_	
	Global Eagle MHX, NC	Telecom Lic	ensing Subsidiary LLC
Call Sign:	11111, 110		
Latitude	(NAD83)	34 46	34.3 N
Longitude	(NAD83)		
Elevation AMSL	(ft/m)		3.00
Receive Frequency Range		3700-4200	
Transmit Frequency Range Range of Satellite Orbital Long.	(MHz)	60 00	142.00
Range of Azimuths from North	(deg w)	151 99	255.83
Antenna Centerline	(ft/m)	12.80	3.90
Antenna Elevation Angles			
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	471 64	
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Ter			
Rain Zone / Radio Zone		1	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: P1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

RIW, WY

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: P1825614

			=======================================
TECHNICAL CHARACTERIST		-	
			=======================================
Company: Site Name, State: Call Sign:	Global Eagle RIW, WY	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m)	43 3 108 28 5567.57 3700-4200	39.0 W 1697.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m) (deg)	121.16 9.51 20.86	225.21 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) m (dbW)	356.08	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: P1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BOX, MA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: P1825615

TECHNICAL CHARACTERIST			
	-	Telecom Lic	ensing Subsidiary LL
	BOX, MA		
Call Sign: Latitude	(NIN DO 2)	11 57	10 1 N
Longitude	(NAD83)	41 37 71 8	19.1 N
Elevation AMSL	(NAD83) (ft/m) (MHz)	22 97	7 00
Receive Frequency Range	(MHz)	3700-4200)
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	163.60	257.65 3.90
Antenna Centerline	(IT/M)	12.80	3.90
Antenna Elevation Angles	(deg)	40.24	4.73
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	40.90	
15 DB Half Beamwidth	(deg)	3.20	
Antennas Receive: GENERAL	DYNAMICS PRO	DELIN SERIE	SS 1374 (3.7 M
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances			
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max interference rower bong reim		140.00	

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

-149.90

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: P1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MFL, FL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: P1825616

1110. 11020010			
TECHNICAL CHARACTERIST			
		-=======	=======================================
	Global Eagle MFL, FL	Telecom Lic	censing Subsidiary LLC
Call Sign:	Mru, ru		
Latitude	(NAD83)	25 45	15.5 N
Longitude	(NAD83)		
Elevation AMSL	(ft/m)		
Receive Frequency Range		3700-4200)
Transmit Frequency Range Range of Satellite Orbital Long.	(MHZ)	60 00	1/13 00
Range of Azimuths from North	(deg w)	139.46	257.32
Antenna Centerline	(ft/m)	58.07	17.70
Antenna Elevation Angles	(deg)	52.30	16.14
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	1.80	
Antennas Receive: ASC SIG	NAL CORPORATI	ON ES45-1	(4.5M)
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Man Chapter Cinela Distance	(lem)	420 00	
Max Greater Circle Distances Max Rain Scatter Distances	, ,		
	·		

-158.60

-149.90 1

Max Interference Power Long Term (dbW)

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: R1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

CAE, SC

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: R1825611

			=======================================
TECHNICAL CHARACTERIST		-	
	========		=======================================
	_	Telecom Lic	ensing Subsidiary LLC
•	CAE, SC		
Call Sign:			
Latitude	(NAD83)	33 56	44.5 N
Longitude	(NAD83)	81 7	21.0 W
Elevation AMSL		226.38	
Receive Frequency Range		3700-4200	
	(MHz)		
Range of Satellite Orbital Long.			
Range of Azimuths from North			
Antenna Centerline	(ft/m)		2.90
Antenna Elevation Angles	(deg)	44.52	14.62
Equipment Parameters		Receive	
	(dbI)		
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances			
Max Rain Scatter Distances	(km)	588.61	
Max Interference Power Long Term			
Max Interference Power Short Ter	m (dbW)	-149.90	
Rain Zone / Radio Zone		1	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: R1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

HPCN, MA

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:

10/03/2018 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
MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: R1825612

			=======================================
TECHNICAL CHARACTERIST		-	
		=======	==========
	Global Eagle HPCN, MA	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m)	38 58 76 55 52.49 3700-4200	31.1 W 16.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	154.18 9.51	254.41 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter	(km) n (dbW)	522.09 -158.60 -149.90	
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: R1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MKX, WI

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:

10/03/2018 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:

AETHER GROUP, LLC COMSEARCH INC VELOX NETWORKS LLC

Respectfully Submitted,

Jeremy & Lewis

Jeremy Lewis Systems Engineer

File: R1825613

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	Global Eagle MKX, WI	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(MHz)	42 58 88 32 938.32 3700-4200	57.1 W 286.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W) (deg) (ft/m)	141.40 9.51	244.03 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	492.25 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: R1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

RLX, WV

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: R1825614

Rain Zone / Radio Zone

			=========
TECHNICAL CHARACTERIST	'ICS OF RECEI'	VE ONLY EART	H STATION
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLO
	RLX, WV	101000 210	
Call Sign:	,		
Latitude	(NAD83)	38 18	47.2 N
Longitude		81 43	
Elevation AMSL	(ft/m)	925.20	282.00
Receive Frequency Range	(MHz)	3700-4200	
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline	(deg)	147.28	251.24
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)	40.17	13.72
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	378.80	
Max Rain Scatter Distances	(km)	501.88	
Max Interference Power Long Term	n (dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: R1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

CLE, OH

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:

10/03/2018 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
MOUNTAIN STATE COMMUNICATIONS, LLC
WATERLEAF INTERNATIONAL LLC

Respectfully Submitted,

Jeremy & Lewis

Jeremy Lewis Systems Engineer

File: R1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LL
	CLE, OH		
Call Sign:			
Latitude	(NAD83)	41 24	42.5 N
Longitude	(NAD83)	81 51 761.15 3700-4200	37.1 W
Elevation AMSL	(ft/m)	761.15	232.00
Receive Frequency Range	(MHz)	3700-4200)
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(deg)	37.21	12.76
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)		
Antennas Receive: GENERAL	DYNAMICS PR	ODELIN SERIE	S 1374 (3.7 M
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	427.23	
Max Rain Scatter Distances	(km)	505.74	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	
Dain Rama / Dadia Rama		2	7)

2

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: S1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

CHS, SC

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: S1825611

			=========	
TECHNICAL CHARACTERIST		-		
Site Name, State:	Global Eagle CHS, SC	Telecom Lic	ensing Subsidiary LI	J.C
Call Sign: Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline	(NAD83) (ft/m) (MHz) (MHz) (deg W) (deg)	3700-4200 60.00 146.13	39.7 W 12.00 143.00 254.51	
Antenna Elevation Angles	(ft/m) (deg)	46.07	2.90 14.01	
Equipment Parameters		Receive		
	(dbI) (deg)			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) DIGITAL			
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	591.45 -158.60	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: S1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

HUN, AL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: S1825612

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EARI	'H STATION
	Global Eagle HUN, AL	Telecom Lic	ensing Subsidiary Ll
Latitude Longitude Elevation AMSL	(NAD83)	34 43 86 38 652.89 3700-4200	41.6 W 199.00
Receive Frequency Range Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline	(MHz) (deg W)	60.00 138.63	143.00 249.24
Antenna Elevation Angles	(deg)	40.70	
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	573.80 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: S1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MLB, FL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: S1825613

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	Global Eagle MLB, FL	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m) (MHz)	28 6 80 39 22.97 3700-4200	14.4 W 7.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m)	141.34 12.80	256.13 3.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	583.67 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: S1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

RNK, VA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: S1825614

TECHNICAL CHARACTERIS			
Company:			ensing Subsidiary LLC
Site Name, State: Call Sign:	RNK, VA		
Latitude	(NAD83)	37 12	14.4 N
Longitude		80 24	
Elevation AMSL		2080.05	
Receive Frequency Range	(MHz)	3700-4200	
1 1 2	(MHz)		
Range of Satellite Orbital Long			
Range of Azimuths from North	(deg)	148.39	252.59
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(ft/m) (deg)	41.83	13.06
Equipment Parameters		Receive	
	(dbI) (deg)		
Antennas Receive: COMTEC	н 934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designato	r DIGITAL		
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Ter Max Interference Power Short Te	(km) m (dbW)	504.47 -158.60 -149.90	
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: S1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

ANCF, MA

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:

10/03/2018 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
MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: S1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST		-	
	_	Telecom Lic	ensing Subsidiary L
· · · · · · · · · · · · · · · · · · ·	ANCF, MA		
Call Sign:	(333 5 0 0)	20 50	24.0.37
Latitude		38 59	
Longitude	(NAD83)	77 1	51.2 W
Elevation AMSL		321.52 3700-4200	98.00
Receive Frequency Range	(MHz)	3/00-4200	
Transmit Frequency Range	(MHz)	CO 00	1.42.00
Range of Satellite Orbital Long. Range of Azimuths from North	(deg w)	154 04	143.00
Antenna Centerline	(deg)	240.16	72 20
Antenna Centerline Antenna Elevation Angles			
·	_		
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	40.90	
15 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELIN	N 1375 (3.7 I	M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator	DIGITAL	36M0G7W	
		 Receive	
Max Greater Circle Distances	(km)	479.50	
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Terr	n (dbW)	-149.90	
Dain Tone / Dadie Tone		2	7)

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: S1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SFMG, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: S1825616

TECHNICAL CHARACTERISS				=
Company: Site Name, State: Call Sign:	Global Eagle SFMG, TX	Telecom Lic	censing Subsidiary	LLO
Latitude	(NAD83)	29 33	10.8 N	
Longitude	(NAD83)	95 5	37.0 W	
Elevation AMSL	(ft/m)	22.97	7.00	
Receive Frequency Range Transmit Frequency Range	(MHz)	95 5 22.97 3700-4200		
Range of Satellite Orbital Long	. (deg W)	60.00	143.00	
Range of Azimuths from North	(deg)	125.07	245.98	
	(ft/m)			
Antenna Elevation Angles	(deg)	38.60	28.01	
Equipment Parameters		Receive		
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)			
Antennas Receive: ASC SIG			(4.5M)	
Max Transmitter Power	(dbW/4KHz)			
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) r DIGITAL			
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term	(km) (km) n (dbW)	380.79 475.17 -158.60		_

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Rain Zone / Radio Zone

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: T1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

COMT, CO

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:

10/03/2018 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 QWEST CORPORATION

Respectfully Submitted,

Jeremy S. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: T1825611

	=========		=============	
TECHNICAL CHARACTERIST		-		
	=======		=======================================	
	_	Telecom Lic	ensing Subsidiary I	LC
•	COMT, CO			
Call Sign: Latitude	(MVD83)	39 59	26 2 N	
Longitude	(NAD83)	105 15	50 4 W	
Elevation AMSL	(ft./m)	105 15 5291.98	1613.00	
Receive Frequency Range	(MHz)	3700-4200	1010.00	
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.		60.00	143.00	
Range of Azimuths from North				
Antenna Centerline	(ft/m)	9.51	2.90	
Antenna Elevation Angles	(deg)	24.75	29.76	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dbT)	42 10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) DIGITAL	36M0G7W		
		 Receive		
Max Greater Circle Distances Max Rain Scatter Distances	(km)	478.66		
Max Interference Power Long Term Max Interference Power Short Ter				
Rain Zone / Radio Zone		2	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: T1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

ILM, NC

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: T1825612

TECHNICAL CHARACTERIST		-		=
	Global Eagle ILM, NC	Telecom Lic	ensing Subsidiary	LLC
Latitude Longitude Elevation AMSL	(NAD83) (ft/m)	34 16 77 54 19.69	46.1 W	
Receive Frequency Range Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North			143.00	
Antenna Centerline Antenna Elevation Angles	(ft/m) (deg)	12.80 45.80	3.90	
Equipment Parameters		Receive		- -
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTECH		,		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive		_
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	603.62 -158.60	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: T1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC

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:

MOB, AL

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:

10/03/2018 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:

Respectfully Submitted,

Page 1

Jeremy Lewis Systems Engineer

File: T1825613

TECHNICAL CHARACTERIST		-	
	Global Eagle MOB, AL	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL	(NAD83)	30 40 88 14 216.54	22.6 W
Receive Frequency Range Transmit Frequency Range	(MHz) (MHz)	3700-4200	
	(deg) (ft/m)	133.53 12.80	250.18 3.90
Antenna Elevation Angles	. 2.		21.69
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term	(km) n (dbW)	567.12 -158.60	
Max Interference Power Short Ter Rain Zone / Radio Zone	rm (abw)	-149.90 1	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: T1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SEW, WA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: T1825614

TECHNICAL CHARACTERIST		-	
		=======	
	Global Eagle SEW, WA	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(NAD83) (ft/m)	47 41 122 15 29.53 3700-4200	17.3 W 9.00
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m) (deg)	111.26 9.51 9.71	207.12 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) ı (dbW)	386.35	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: T1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

BOU, CO

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:

10/03/2018 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 QWEST CORPORATION

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: T1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
	=======	=======	=======================================
		Telecom Lic	ensing Subsidiary LLC
	BOU, CO		
Call Sign: Latitude	(O O A KIK)	20 E0	26 2 N
Longitude	(NAD83) (NAD83)	39 59 105 15	20.2 N 50 4 M
Elevation AMSL	(NADOS) (f+/m)	1066.27	30.4 W
Receive Frequency Range	(IC/III) (MH ₂)	3700-4200	323.00
Transmit Frequency Range		3700 4200	
Range of Satellite Orbital Long.		60.00	143.00
Range of Azimuths from North	(deg)	122.49	230.29
	(ft/m)		
Antenna Elevation Angles			
Equipment Parameters		Receive	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELI	N 1375 (3.7	M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
	(1)	400 5:	
Max Greater Circle Distances	(km)	108.34	
Max Rain Scatter Distances	(km)	4/8.66	
Max Interference Power Long Term	(abw)	-158.60	
Max Interference Power Short Term		-149.90	_

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: T1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

TBW, FL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: T1825616

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST		-	
	Global Eagle	Telecom Lic	censing Subsidiary L
	TBW, FL		
Call Sign:			
Latitude		27 42	19.1 N
Longitude	(NAD83)	82 24	2.9 W
Elevation AMSL	(ft/m)	49.21 3700-4200	15.00
Receive Frequency Range	(MHz)	3700-4200)
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	138.44	255.32
Antenna Centerline		17.06	
Antenna Elevation Angles	(deg)	49.29	17.48
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(deg)		
15 DB Half Beamwidth	(deg)	1.80	
Antennas Receive: ASC SIG	NAL CORPORAT	ION ES45-1 ((4.5M)
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	423.37	
Max Rain Scatter Distances	(km)	577.87	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Term	m (dbW)	-149 90	
Pain 7 one / Padio 7 one		1	7.

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: U1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

CTP, PA

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:

10/03/2018 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
MCI COMMUNICATIONS

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: U1825611

	.========		=========	:
TECHNICAL CHARACTERIST		-		
				•
	_	Telecom Lic	ensing Subsidiary	LLC
Site Name, State: Call Sign:	CTP, PA			
Latitude	(NAD83)	40 49	43.7 N	
Longitude	(NAD83)	77 50 1112.20	48.8 W	
Elevation AMSL	(ft/m)	1112.20	339.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.				
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(deg)	39.37	9.99	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dhT)	42 10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Modulation / Emission Designator	(dbw/4KHz) DIGITAL	36M0G7W		
Coordination Parameters		 Receive		
Max Greater Circle Distances	(km)	345.68		
Max Rain Scatter Distances				
Max Interference Power Long Term				
Max Interference Power Short Ter Rain Zone / Radio Zone	m (abw)	-149.90 2	А	
rain Zone / Radio Zone		۷	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: U1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

ILN, OH

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: U1825612

	=========	========	.=========	=
TECHNICAL CHARACTERIST		_		
		=======		=
	_	Telecom Lic	ensing Subsidiary	LLC
Site Name, State:	ILN, OH			
Call Sign: Latitude	(C O U V IV)	39 25	15 2 N	
Longitude	(NAD83)	39 23	10.2 N 10 1 tai	
Elevation AMSL	(ft/m)	83 49 990.81 3700-4200	302 00	
Receive Frequency Range	(MHz)	3700-4200	302:00	
Transmit Frequency Range	(MHz)	3700 1200		
Range of Satellite Orbital Long.		60.00	143.00	
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles				
				_
Equipment Parameters		Receive		_
	(11 -)	40.10		
Antenna Gain, Main Beam 15 DB Half Beamwidth				
13 DD Hall Deamwidth	(deg)	2.00		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Max EIRP Main Beam	(dbW/4KHz)			
Modulation / Emission Designator	DIGITAL	36M0G7W		
				-
Coordination Parameters		Receive		_
Max Greater Circle Distances	(km)	456.19		
Max Rain Scatter Distances				
Max Interference Power Long Term				
Max Interference Power Short Ter	m (dbW)		7)	
Rain Zone / Radio Zone		2	A	

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: U1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MPX, MN

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: U1825613

TECHNICAL CHARACTERIST		-	
	Global Eagle MPX, MN	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (NAD83) (ft/m) (MHz)	44 50 93 33 928.48 3700-4200	
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	60.00 136.75 9.51	143.00 238.88 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH			
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	487.00 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: U1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SGF, MO

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: U1825614

TECHNICAL CHARACTERIST		_	
	Global Eagle SGF, MO	Telecom Lice	ensing Subsidiary LLC
Call Sign:	SGF, MO		
Latitude	(NAD83)	37 14	7.8 N
Longitude	(NAD83)	93 24	4.7 W
Elevation AMSL	(ft/m)	1276.24	389.00
Receive Frequency Range		3700-4200	
Transmit Frequency Range	(MHz)	60.00	1.4.20.0
Range of Satellite Orbital Long. Range of Azimuths from North	(deg W)	60.00	143.00 242.75
Antenna Centerline	(ft/m)	9 51	2 90
Antenna Elevation Angles			
			20.00
Equipment Parameters		Receive	
Antonno Coin Moin Doom	(dbT)	42 10	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(deg)	2 80	
10 DD Hall Dealiwrach	(deg)	2.00	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	398 91	
Max Rain Scatter Distances		480.80	
Max Interference Power Long Term			
Max Interference Power Short Ter		-149.90	
Rain Zone / Radio Zone		2	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: U1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

DDC, KS

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: U1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST	ICS OF RECEIV	JE ONLY EART	H STATION
			=======================================
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLC
Site Name, State:	DDC, KS		
Call Sign:			
Latitude	(NAD83)	37 45	38.9 N
Longitude	(NAD83)	99 58 2588.58	8.4 W
Elevation AMSL			
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(deg)	29.76	27.62
Equipment Parameters		 Receive	
Antenna Gain, Main Beam	(dbI)	40.90	
15 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELI	N 1375 (3.7 I	(M	
Max Transmitter Power	(dbW/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designator		36M0G7W	
Coordination Parameters		Receive	
			-
Max Greater Circle Distances	(km)	382.11	
Max Rain Scatter Distances			
Max Interference Power Long Term			
Max Interference Power Short Ter	m (dbW)	-149.90	

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: U1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

PBP, HI

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:

10/03/2018 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 HAWAIIAN TELCOM, INC.

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: U1825616

File: U1825010			
TECHNICAL CHARACTERIST			
			=============
Company:	Global Eagle	Telecom Lice	ensing Subsidiary LLC
	PBP, HI		
Call Sign:			
Latitude	(NAD83)	21 22	1.4 N
Longitude	(NAD83)	21 22 157 57 16.40 3700-4200	45.3 W
Elevation AMSL	(ft/m)	16.40	5.00
Receive Frequency Range		3/00-4200	
Transmit Frequency Range	(MHz)	02.00	1.4.20.0
Range of Satellite Orbital Long.	. (deg w)	83.00	143.00
Range of Azimuths from North Antenna Centerline		95.59 15.75	143.74 4.80
Antenna Centerline Antenna Elevation Angles	(ft/m) (deg)	5.34	4.00 50 76
Ancenna Elevacion Angles	(deg)	5.34	39.76
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	48.80	
15 DB Half Beamwidth	(deg)	0.90	
Antennas Receive: ASC SIG	GNAL CORPORAT	ION ES76 (7.	6 M)
Max Transmitter Power	(dbW/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	564.53	
Max Rain Scatter Distances			

-158.60

4

-149.90

Max Interference Power Long Term (dbW)

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: V1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

CYS, WY

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:

10/03/2018 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:

AT&T CORP.
COMSEARCH INC
QWEST CORPORATION

Respectfully Submitted,

Jeremy & Lewis

Jeremy Lewis Systems Engineer

File: V1825611

=======================================				
TECHNICAL CHARACTERIST		-		
Company: Site Name, State:	Global Eagle CYS, WY	Telecom Lic	ensing Subsidiary L	ıLC
Call Sign:	C15, W1			
Latitude	(NAD83)	41 9	5.8 N	
Longitude	(NAD83)	41 9 104 48	20.5 W	
Elevation AMSL	(ft/m)	6128.60	1868.00	
Receive Frequency Range		3700-4200		
	(MHz)			
Range of Satellite Orbital Long.		60.00	143.00	
Range of Azimuths from North				
Antenna Centerline	(ft/m)		2.90	
Antenna Elevation Angles		24.39	28.67	
Equipment Parameters		 Receive		
	(dbI)			
13 DB Hall Beallwidth	(deg)	2.00		
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W		
Coordination Parameters		Receive 		
Max Greater Circle Distances Max Rain Scatter Distances				
Max Interference Power Long Term Max Interference Power Short Term				
Rain Zone / Radio Zone		2	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: V1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC Page 1

Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency

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:

ILX, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: V1825612

	:========	========	:==========	=
TECHNICAL CHARACTERIST		_		
	:=======:	========	=======================================	=
	_	Telecom Lic	ensing Subsidiary	LLC
Site Name, State:	ILX, IL			
Call Sign: Latitude	(NIN DO 2)	40 0	7 2 N	
Longitude	(NAD83)	40 9	7.2 N 18 2 W	
Elevation AMSL	(ft/m)	89 20 583.99 3700-4200	178 NO	
Receive Frequency Range	(MHz)	3700-4200	170.00	
Transmit Frequency Range	(MHz)	0,00 1200		
Range of Satellite Orbital Long.		60.00	143.00	
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(deg)	34.65	18.71	
Equipment Parameters		Receive		-
Antenna Gain, Main Beam	(dhT)	42 10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz)	36M0G7W		
				_
Coordination Parameters		Receive		_
Man Charten Cingle Distance	(1)	417 20		
Max Greater Circle Distances Max Rain Scatter Distances	(KM)	41/.39 //00 10		
Max Interference Power Long Term				
Max Interference Power Short Ter				
Rain Zone / Radio Zone	(3277)	2	А	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: V1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MQT, MI

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: V1825613

			==========
TECHNICAL CHARACTERIST		-	
	:=======	========	=======================================
	_	Telecom Lic	ensing Subsidiary LLC
	MQT, MI		
Call Sign:			
Latitude	(NAD83)	46 31 87 32 1407.48	51.6 N
Longitude	(NAD83)	87 32	54.6 W
Elevation AMSL	(it/m)	1407.48	429.00
Receive Frequency Range		3700-4200	
Transmit Frequency Range	(MHz)	60.00	1.40.00
Range of Satellite Orbital Long.			
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(aeg)	30.08	14.56
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dhT)	42 10	
15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator		36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances	(km)	498.90	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	7
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: V1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SGX, CA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: V1825614

			=======================================
TECHNICAL CHARACTERIST		_	
Company: Site Name, State:	Global Eagle SGX, CA	Telecom Lic	ensing Subsidiary LLC
Call Sign:	SGA, CA		
Latitude	(NAD83)	33 1	18 8 N
Longitude	(NAD83)	33 1 117 4	55.6 W
Elevation AMSL	(ft/m)	633.20	193.00
Receive Frequency Range			
	(MHz)		
Range of Satellite Orbital Long.		60.00	143.00
Range of Azimuths from North			221.72
Antenna Centerline	(ft/m)		2.90
Antenna Elevation Angles	(deg)		42.57
Equipment Parameters		 Receive	
	(dbI)		
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0C7W	
_			
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	287.63	
Max Rain Scatter Distances			
Max Interference Power Long Term	, ,		
Max Interference Power Short Ter			
Rain Zone / Radio Zone		4	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: V1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

EAX, MO

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: V1825615

Rain Zone / Radio Zone

Company: Site Name, State: EAX, MO Call Sign: Latitude (NAD83) 38 48 36.4 N Longitude (NAD83) 94 15 52.6 W Elevation AMSL (ft/m) 1010.50 308.00 Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) 3700-4200 Antenna Centerline (deg W) 60.00 143.00 Range of Satellite Orbital Long. (deg W) 60.00 143.00 Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00 Max Interference Power Long Term (dbW) -158.60	TECHNICAL CHARACTERIST		_		=
Call Sign: Latitude (NAD83) 38 48 36.4 N Longitude (NAD83) 94 15 52.6 W Elevation AMSL (ft/m) 1010.50 308.00 Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 132.61 241.19 Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 398.77 Max Rain Scatter Distances (km) 398.77		Global Eagle	Telecom Lic	ensing Subsidiary	L
Latitude (NAD83) 38 48 36.4 N Longitude (NAD83) 94 15 52.6 W Elevation AMSL (ft/m) 1010.50 308.00 Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 132.61 241.19 Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W	· · · · · · · · · · · · · · · · · · ·	EAX, MO			
Congitude		/ 0.0 \	00 10	0.6.4	
Elevation AMSL (ft/m) 1010.50 308.00 Receive Frequency Range (MHz) 3700-4200 Fransmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 132.61 241.19 Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36MOG7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00		,			
Receive Frequency Range (MHz) 3700-4200 Fransmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 132.61 241.19 Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 L5 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36MOG7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	=				
Rransmit Frequency Range Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 132.61 241.19 Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36MOG7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00					
Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 132.61 241.19 Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00			3700-4200		
Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36MOG7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	ange of Satellite Orbital Long		60 00	1/13 00	
Antenna Centerline (ft/m) 9.51 2.90 Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36MOG7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	ange of Azimuths from North	(deg W)	132 61	241 19	
Antenna Elevation Angles (deg) 32.80 22.94 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00		(ft/m)	9.51	2.90	
Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00		(dea)	32.80	22.94	
Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 40.90 15 DB Half Beamwidth (deg) 1.40 Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36MOG7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00					
Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	quipment Parameters		Receive		_
Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	ntanna Cain Main Baan	/ alla T \	40.00		
Antennas Receive: PRODELIN 1375 (3.7 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	ntenna Gain, Main Beam 5 DP Half Boamwidth	(dor)	1 40		
Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	J DB hall beamwidth	(deg)	1.40		
Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	ntennas Receive: PRODELI	IN 1375 (3.7	M)		
Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	ax Transmitter Power	(dbW/4KHz)			
Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00					
Coordination Parameters Receive Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00	odulation / Emission Designator	DIGITAL	36M0G7W		
Max Greater Circle Distances (km) 398.77 Max Rain Scatter Distances (km) 481.00					-
Max Rain Scatter Distances (km) 481.00					_
Max Rain Scatter Distances (km) 481.00	ax Greater Circle Distances	(km)	398.77		
(av Interference Power Long Term (dbW) -158 60					
ax interrelence rower hong rerm (abw) 150.00	ax Interference Power Long Term	n (dbW)	-158.60		
Max Interference Power Short Term (dbW) -149.90					

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: V1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

AFC, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: V1825616

1110. 11020010			
TECHNICAL CHARACTERIST			
Company:	_	Telecom Licensing Subsidiary LLC	;
Site Name, State: Call Sign:	AFC, AK		
Latitude	(NAD83)	61 9 24.8 N	
Longitude		149 59 9.6 W	
Elevation AMSL	(ft/m)	0.00 0.00	
Receive Frequency Range		3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	89.00 143.00	
Range of Azimuths from North Antenna Centerline	(deg)	115.91 1/2.04 15.42 4.70	
Antenna Elevation Angles			
·	-		
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(db T)	49.20	
15 DB Half Beamwidth			
15 bb Hall beamwiden	(acg)	1.20	
Antennas Receive: ASC SIG	SNAL CORPORAT	ION ES73 (7.3 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator			
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	135.57	
Max Rain Scatter Distances			

-158.60

-149.90 3

Max Interference Power Long Term (dbW)

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: W1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

DLH, MN

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: W1825611

	=========	========		==
TECHNICAL CHARACTERIS		-		
	========	=======		==
Company:	_	Telecom Lic	ensing Subsidiar	y LLC
Site Name, State:	DLH, MN			
Call Sign: Latitude	(MVD83)	46 50	1/1 3 N	
Longitude	(NAD83)	92 12	14.5 N 37 1 W	
Elevation AMSL	(ft/m)	92 12 4625.98	1410.00	
Receive Frequency Range	(MHz)	3700-4200	1110.00	
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long		60.00	143.00	
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(deg)	27.68	17.34	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dbI)	42.10		
15 DB Half Beamwidth				
Antennas Receive: COMTEC	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) r DIGITAL	36M0G7W		
Coordination Parameters		Receive		
		101 05		
Max Greater Circle Distances Max Rain Scatter Distances	(km)	424.05		
Max Interference Power Long Terr				
Max Interference Power Long Term				
Rain Zone / Radio Zone	III (GDW)	2	А	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: W1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

IND, IN

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: W1825612

TECHNICAL CHARACTERIST		_	
	Global Eagle IND, IN	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	39 42 86 16 790.68 3700-4200	49.8 W 241.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m)	142.30 9.51	247.25 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	492.80 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: W1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MRX, TN

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: W1825613

		========	
TECHNICAL CHARACTERIS	TICS OF RECEI	VE ONLY EARTH	H STATION
	========	========	
Company:	Global Eagle	Telecom Lice	ensing Subsidiary LLC
Site Name, State:	MRX, TN		
Call Sign:			
Latitude	(NAD83)	36 10	7.0 N
Longitude		83 24 1305.77	
Elevation AMSL		3700-4200	
Receive Frequency Range Transmit Frequency Range		3/00-4200	
Range of Satellite Orbital Long		60 00	143 00
Range of Azimuths from North	(deg)	143.75	250.90
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)		15.76
-			
Equipment Darameters		 Receive	
Equipment Parameters			
Antenna Gain, Main Beam	(dbI)	42.10	
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTEC	H 934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designato		36M0G7W	
noddiaeion / Emission sesignaes	1 01011111	3 0110 3 7 11	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	211.30	
Max Rain Scatter Distances		583.88	
Max Interference Power Long Ter	` '		
Max Interference Power Short Te			
Rain Zone / Radio Zone		1	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: W1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SHV, LA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: W1825614

			=======================================
TECHNICAL CHARACTERIST		-	
	======		=======================================
	Global Eagle SHV, LA	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83)	32 27 93 50 278.87 3700-4200	29.0 W 85.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North	(MHz) (deg W) (deg)	60.00 128.67	143.00 245.12
Antenna Centerline Antenna Elevation Angles	(ft/m) (deg)	9.51 37.63	
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term	(km) (dbW)	560.05 -158.60	
Rain Zone / Radio Zone		1	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: W1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

FWD, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: W1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST		-	
		Telecom Lic	ensing Subsidiary 1
	FWD, TX		
Call Sign:	(NT D 0 0)	20 50	6 7 N
Latitude Longitude	,	32 50	
Longitude Elevation AMSL		97 17 646.32	
Receive Frequency Range	(MHz)		
Transmit Frequency Range	(MHz)	3700 4200	
Range of Satellite Orbital Long.	(dea W)	60.00	143.00
Range of Satellite Orbital Long. Range of Azimuths from North	(dea)	125.44	242.12
Antenna Centerline	(ft/m)	12.80	3.90
Antenna Elevation Angles			
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	40.90	
.5 DB Half Beamwidth	(deg)	1.40	
Antennas Receive: PRODELIN	N 1375 (3.7 I	(P	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
		 Receive	
Max Greater Circle Distances	(km)	380.03	
Max Rain Scatter Distances			
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Terr			
)-i-		0	_

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: W1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

AFG, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: W1825616

			=======================================
TECHNICAL CHARACTERIST		-	
	:========	========	
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LLC
_	AFG, AK		3
Call Sign:			
Latitude	(NAD83)	64 51	33.5 N
Longitude	(NAD83)	147 51	3.2 W
Elevation AMSL	(ft/m)	6.56	2.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	89.00	143.00
Range of Azimuths from North	(deg)	118.69	174.64
Antenna Centerline	(ft/m)	57.09	17.40
Antenna Elevation Angles	(deg)	4.03	16.73
Equipment Parameters		Receive	
	(22 -)	10.00	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	1.20	
Antennas Receive: ASC SIG	NAL CORPORAT	ION ES73 (7.	3 M)
	(11 / 4)		
	(dbW/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36MUG/W	
Coordination Parameters		Receive	
Max Greater Circle Distances	(km)	104.80	
Max Rain Scatter Distances			
	(11 -7)	150 60	

-158.60 -149.90

3

Max Interference Power Long Term (dbW)

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: X1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

DMX, IA

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: X1825611

	=========	========	:==========	=
TECHNICAL CHARACTERIST		_		
		========	=======================================	=
Company:	_	Telecom Lic	ensing Subsidiary	LLC
Site Name, State:	DMX, IA			
Call Sign: Latitude	/NIN DO 2 \	11 11	11 O N	
Longitude	(NAD83)	41 44	11.U N	
Elevation AMSL	(ft/m)	93 43 948.16 3700-4200	23.3 W	
Receive Frequency Range	(MHz)	3700-4200	289.00	
Transmit Frequency Range	(MHz)	3700 4200		
Range of Satellite Orbital Long.		60 00	143 00	
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles				
	-		21.00	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dhT)	<i>1</i> 2 10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)			
Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) r DIGITAL	36M0G7W		
				_
Coordination Parameters		Receive		_
Max Greater Circle Distances	(km)	450.08		
Max Rain Scatter Distances				
Max Interference Power Long Terr				
Max Interference Power Short Ter	rm (dbW)		-	
Rain Zone / Radio Zone		2	А	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: X1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

IWX, IN

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:

10/03/2018 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:

AETHER GROUP, LLC COMSEARCH INC VELOX NETWORKS LLC WATERLEAF INTERNATIONAL LLC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: X1825612

			=========
TECHNICAL CHARACTERIST		-	
	========	========	=======================================
	_	Telecom Lic	ensing Subsidiary LLC
	IWX, IN		
Call Sign:	(0.0)	44 04	01.0
Latitude	(NAD83)	41 21 85 42 948.16	31.3 N
Longitude	(NAD83)	85 42	3.2 W
Elevation AMSL Receive Frequency Range	(ft/m) (MHz)	3700-4200	289.00
Transmit Frequency Range	(MHz)	3/00-4200	
Range of Satellite Orbital Long.	(Mnz)	60 00	1/13 00
Range of Azimuths from North			
Antenna Centerline	(ft/m)	9 51	2 90
Antenna Elevation Angles			
	_		10.00
Equipment Parameters		Receive	
	(11 -)	40.10	
Antenna Gain, Main Beam			
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive 	
		400 55	
Max Greater Circle Distances	(km)		
Max Rain Scatter Distances	(km)	495.79	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter	III (ADW)	-149.90	7)
Rain Zone / Radio Zone		2	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: X1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MSO, MT

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: X1825613

		========	
TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	'H STATION
	=========	========	
	Global Eagle MSO, MT	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL	(NAD83) (ft/m)	46 55 114 5 3195.53	24.7 W 974.00
Receive Frequency Range Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North	(MHz)	3700-4200 60.00 117.88	143.00
Antenna Centerline Antenna Elevation Angles	(ft/m) (deg)	9.51 15.24	2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	363.13	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: X1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SJT, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: X1825614

	:========		=============	
TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION	
	:=======	========	=======================================	
	Global Eagle	Telecom Lic	ensing Subsidiary 1	LLC
Site Name, State:	SJT, TX			
Call Sign:				
Latitude	(NAD83) (NAD83) (ft/m)	31 22	13.8 N	
Longitude	(NAD83)	100 29	41.6 W	
Elevation AMSL	(ft/m)			
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)			
Range of Satellite Orbital Long.	(deg W)	60.00	143.00	
Range of Azimuths from North				
Antenna Centerline	(ft/m)	9.51	2.90	
Antenna Elevation Angles	(deg)	33.24	31.63	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dbT)	42 10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W		
Coordination Parameters		Receive		
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter	(km) n (dbW)	231.41 472.09 -158.60 -149.90		
Rain Zone / Radio Zone		2	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: X1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

AJK, 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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: X1825616

TECHNICAL CHARACTERIST		-	
	_	Telecom Lic	ensing Subsidiary
Site Name, State: A Call Sign:	AJK, AK		
Call Sign: Latitude	(MMD83)	58 24	1 / N
Longitude	(NAD83)	134 34	10 9 W
Elevation AMSL	(ft/m)	104.99	32.00
Receive Frequency Range	(MHz)	3700-4200	32.00
Fransmit Frequency Range			
Range of Satellite Orbital Long.	(dea W)	72.00	143.00
Range of Azimuths from North	(deg)	113.85	189.87
Antenna Centerline	(ft/m)	15.42	4.70
Antenna Elevation Angles			
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dhT)	48 20	
L5 DB Half Beamwidth	(deg)		
Antennas Receive: ASC SIGN	NAL CORPORAT	ION ES73 (7.	3 M)
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive 	
Max Greater Circle Distances	(km)	623 07	
Max Rain Scatter Distances			
Max Interference Power Long Term			
tax interiorence rower bong reim		1.40.00	

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

-149.90

3

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Y1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

DTX, MI

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: Y1825611

			===========
TECHNICAL CHARACTERIST		-	
	========		=======================================
	Global Eagle	Telecom Lic	ensing Subsidiary LLC
•	DTX, MI		
Call Sign:			
Latitude	(NAD83)	42 41	52.4 N
Longitude	(NAD83)	83 28	17.8 W
Elevation AMSL		3356.29	
Receive Frequency Range		3700-4200	
	(MHz)	60.00	1.10.00
Range of Satellite Orbital Long.			
Range of Azimuths from North			
Antenna Centerline	(ft/m)	9.51	2.90
Antenna Elevation Angles	(deg)	35.31	13.44
Equipment Parameters		Receive 	
	(dbI)		
15 DB Half Beamwidth	(deg)	2.80	
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam			
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
			
Max Greater Circle Distances	(km)	448.34	
Max Rain Scatter Distances	(km)	502.94	
Max Interference Power Long Term			
Max Interference Power Short Term	m (dbW)	-149.90	
Rain Zone / Radio Zone		2	А
Max Interference Power Long Term Max Interference Power Short Term	(dbW)	-158.60 -149.90	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Y1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC Page 1

Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency

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:

JAN, MS

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: Y1825612

			==========	
TECHNICAL CHARACTERIST		-		
	========	========	=======================================	
	_	Telecom Lic	ensing Subsidiary LL	ıC
	JAN, MS			
Call Sign:				
Latitude	(NAD83)	32 19 90 4 295.28 3700-4200	8.0 N	
Longitude	(NAD83)	90 4	48.0 W	
Elevation AMSL	(ft/m)	295.28	90.00	
Receive Frequency Range	(MHz)	3700-4200		
Transmit Frequency Range	(MHz)	60.00	1.40.00	
Range of Satellite Orbital Long.				
Range of Azimuths from North				
	(ft/m)			
Antenna Elevation Angles	(deg)	40.39	22.62	
Equipment Parameters		Receive		
Antenna Gain, Main Beam	(dhT)	42 10		
15 DB Half Beamwidth				
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) DIGITAL	36M0G7W		
Coordination Parameters		 Receive		
Max Greater Circle Distances	(km)	359.12		
Max Rain Scatter Distances	(km)	565.25		
Max Interference Power Long Term	(dbW)	-158.60		
Max Interference Power Short Ter	m (dbW)	-149.90		
Rain Zone / Radio Zone		1	A	

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Y1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

MTR, CA

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:

10/03/2018 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:

AMERICAN TOWER, LLC COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: Y1825613

TECHNICAL CHARACTERISTI	CS OF RECEI	======== VE ONLY EART ========	H STATION
	Global Eagle MTR, CA	Telecom Lic	ensing Subsidiary LL
Latitude Longitude Elevation AMSL Receive Frequency Range		36 35 121 51 91.86 3700-4200	20.2 W 28.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline	(MHz) (deg W) (deg) (ft/m)	60.00 107.69 9.51	143.00 212.98 2.90
Antenna Elevation Angles Equipment Parameters			42.03
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) (dbW)	373.85 -158.60	А

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Y1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

OUN, OK

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: Y1825614

TECHNICAL CHARACTERIST	ICS OF RECEI	VE ONLY EART	H STATION
	Global Eagle OUN, OK	Telecom Lic	ensing Subsidiary LL
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	35 10 97 26 1135.17 3700-4200	20.4 W 346.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	126.96 9.51	240.53 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) (dbW)	475.98 -158.60	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Y1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

GLD, KS

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:

10/03/2018 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:

AT&T CORP.
COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: Y1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERIST			
Company:	Global Eagle	Telecom Lic	ensing Subsidiary LL
•	GLD, KS		
Call Sign:			
Latitude	(NAD83)	39 21 101 42 3651.57 3700-4200	59.0 N
Longitude	(NAD83)	101 42	1.1 W
Elevation AMSL	(ft/m)	3651.57	1113.00
Receive Frequency Range	(11112)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles	(deg)	27.57	27.84
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)		
	. 2.		
Antennas Receive: PRODELI	N 1375 (3.7	M)	
Max Transmitter Power	(dbW/4KHz)		
Max EIRP Main Beam	(dbW/4KHz)		
Modulation / Emission Designator	DIGITAL	36M0G7W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	382.06	
Max Rain Scatter Distances	(km)	475.61	
Max Interference Power Long Term	(dbW)	-158.60	
Max Interference Power Short Ter	m (dbW)	-149.90	
Pain Zone / Radio Zone		2	Δ

2

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Y1825616 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

SJU, PR

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:

10/03/2018 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
PUERTO RICO TELEPHONE COMPANY, INC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: Y1825616

FITE. 11025010		
TECHNICAL CHARACTERIS		
Company:		Telecom Licensing Subsidiary LLC
Site Name, State:	SJU, PR	
Call Sign:		
Latitude		18 25 52.7 N
Longitude		65 59 33.0 W
Elevation AMSL		9.84 3.00
Receive Frequency Range		3700-4200
Transmit Frequency Range	(MHz)	
Range of Satellite Orbital Long	\cdot (deg W)	60.00 143.00
Range of Azimuths from North	(deg)	161.63 265.83
Antenna Centerline		21.98 6.70
Antenna Elevation Angles	(deg)	67.31 3.65
Equipment Parameters		Receive
Antenna Gain, Main Beam	(dbT)	49. 20
15 DB Half Beamwidth		
13 DB Hall Beauwidth	(deg)	1.20
Antennas Receive: ASC SIG	GNAL CORPORATI	ON ES73 (7.3 M)
Max Transmitter Power	(dbW/4KHz)	
	(dbW/4KHz)	
Modulation / Emission Designator		
Coordination Parameters		Receive
Max Greater Circle Distances	(km)	562.20
Max Rain Scatter Distances		

-158.60 -149.90

1

Max Interference Power Long Term (dbW)

Max Interference Power Short Term (dbW)

Rain Zone / Radio Zone

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Z1825611 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

DVN, IA

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:

10/03/2018 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:

AETHER GROUP, LLC COMSEARCH INC

Respectfully Submitted,

Jeremy S. Lewis

Jeremy Lewis Systems Engineer

File: Z1825611

	.=======		
TECHNICAL CHARACTERIST		-	
		=======	
	Global Eagle DVN, IA	Telecom Lic	ensing Subsidiary LLC
Latitude Longitude Elevation AMSL Receive Frequency Range	(NAD83) (ft/m) (MHz)	41 36 90 34 738.19 3700-4200	54.8 W 225.00
Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg) (ft/m)	138.33 9.51	242.93 2.90
Equipment Parameters		Receive	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	42.10 2.80	
Antennas Receive: COMTECH	H 934D0015-G2	(3.8 M)	
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz)	36M0G7W	
Coordination Parameters		Receive	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Ter Rain Zone / Radio Zone	(km) n (dbW)	487.68	A

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Z1825612 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

JAX, FL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: Z1825612

=======================================	.=======		
TECHNICAL CHARACTERIST		_	
	_	Telecom Lice	ensing Subsidiary L
Site Name, State:	JAX, FL		
Call Sign: Latitude	(C O C KIK)	20 20	2 0 11
Latitude Longitude	(NAD83)	30 29	2.0 N 5 / W
Elevation AMSL	(ft/m)	81 42 68.90	21 00
Receive Frequency Range	(MHz)	3700-4200	21.00
Transmit Frequency Range	(MHz)	3700 4200	
Range of Satellite Orbital Long.		60.00	143.00
Range of Azimuths from North			
	(ft/m)		
Antenna Elevation Angles			
	-		
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dh.T.)	12 10	
15 DB Half Beamwidth			
Antennas Receive: COMTECH	934D0015-G2	(3.8 M)	
Mary Europenithton Danie	/ -11- T.T / A TZII - \		
Max Transmitter Power Max EIRP Main Beam	(dbw/4KHZ)		
max Elke Main beam Modulation / Emission Designator	(CDW/4KHZ)	36M0C7W	
MODULACION / EMISSION DESIGNACOL	DIGITAL	30110G/W	
Coordination Parameters		 Receive	
Max Greater Circle Distances	(km)	430.99	
Max Rain Scatter Distances	(km)	582.56	
Max Interference Power Long Term	n (dbW)	-158.60	
Max Interference Power Short Ter	rm (dbW)	-149.90	
Rain Zone / Radio Zone		1	A

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Z1825613 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

NWCO, AL

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: Z1825613

TECHNICAL CHARACTERIS	TICS OF RECEI	VE ONLY EART	H STATION	=
Company: Site Name, State: Call Sign:	Global Eagle NWCO, AL	Telecom Lic	ensing Subsidiary	LL
Latitude Longitude Elevation AMSL	(NAD83)	33 13 87 32	26.0 W	
Receive Frequency Range Transmit Frequency Range	(MHz) (MHz)	216.54 3700-4200		
Range of Satellite Orbital Long	. (deg W)	60.00	143.00	
Range of Azimuths from North Antenna Centerline	(deg)	136.41 9.51		
Antenna Elevation Angles				
Equipment Parameters		Receive		
Antenna Gain, Main Beam 15 DB Half Beamwidth				
Antennas Receive: COMTEC	H 934D0015-G2	(3.8 M)		
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designato:	(dbW/4KHz)			
Coordination Parameters		Receive		-
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Terr	(km)	570.50		
Max Interference Power Short Te:				

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SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Z1825614 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

STO, CA

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:

10/03/2018 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:

AMERICAN TOWER, LLC
COMSEARCH INC
PACIFIC BELL TELEPHONE COMPANY D/B/A AT&T CALIFORNIA

Respectfully Submitted,

Jeremy E. Lewis

Jeremy Lewis Systems Engineer

File: Z1825614

TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION			=======	==========	=
Company: Global Eagle Telecom Licensing Subsidiary LLC Site Name, State: STO, CA Call Sign: Latitude (NAD83) 38 36 31.9 N Longitude (NAD83) 121 23 14.6 W Elevation AMSL (ft/m) 72.18 22.00 Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 108.80 212.41 Antenna Centerline (ft/m) 55.77 17.00 Antenna Elevation Angles (deg) 13.54 39.95 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 42.10 15 DB Half Beamwidth (deg) 2.80 Antennas Receive: COMTECH 934D0015-G2 (3.8 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36MOG7W			-		
Site Name, State: STO, CA Call Sign: Latitude (NAD83) 38 36 31.9 N Longitude (NAD83) 121 23 14.6 W Elevation AMSL (ft/m) 72.18 22.00 Receive Frequency Range (MHz) Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 108.80 212.41 Antenna Centerline (ft/m) 55.77 17.00 Antenna Elevation Angles (deg) 13.54 39.95 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 42.10 15 DB Half Beamwidth (deg) 2.80 Antennas Receive: COMTECH 934D0015-G2 (3.8 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Max Greater Circle Distances (km) 448.40 Max Greater Circle Distances (km) 374.48 Max Interference Power Long Term (dbW) -158.60		========	========	=======================================	=
Call Sign: Latitude (NAD83) 38 36 31.9 N Longitude (NAD83) 121 23 14.6 W Elevation AMSL (ft/m) 72.18 22.00 Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 108.80 212.41 Antenna Centerline (ft/m) 55.77 17.00 Antenna Elevation Angles (deg) 13.54 39.95 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 42.10 15 DB Half Beamwidth (deg) 2.80 Antennas Receive: COMTECH 934D0015-G2 (3.8 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Max Greater Circle Distances (km) 448.40 Max Rain Scatter Distances (km) 374.48 Max Interference Power Long Term (dbW) -158.60			Telecom Lic	ensing Subsidiary	LLC
Latitude (NAD83) 38 36 31.9 N Longitude (NAD83) 121 23 14.6 W Elevation AMSL (ft/m) 72.18 22.00 Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 108.80 212.41 Antenna Centerline (ft/m) 55.77 17.00 Antenna Elevation Angles (deg) 13.54 39.95 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 42.10 15 DB Half Beamwidth (deg) 2.80 Antennas Receive: COMTECH 934D0015-G2 (3.8 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Max Greater Circle Distances (km) 448.40 Max Rain Scatter Distances (km) 374.48 Max Interference Power Long Term (dbW) -158.60		STO, CA			
Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 108.80 212.41 Antenna Centerline (ft/m) 55.77 17.00 Antenna Elevation Angles (deg) 13.54 39.95 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 42.10 15 DB Half Beamwidth (deg) 2.80 Antennas Receive: COMTECH 934D0015-G2 (3.8 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Coordination Parameters Receive Max Greater Circle Distances (km) 448.40 Max Rain Scatter Distances (km) 374.48 Max Interference Power Long Term (dbW) -158.60					
Receive Frequency Range (MHz) 3700-4200 Transmit Frequency Range (MHz) Range of Satellite Orbital Long. (deg W) 60.00 143.00 Range of Azimuths from North (deg) 108.80 212.41 Antenna Centerline (ft/m) 55.77 17.00 Antenna Elevation Angles (deg) 13.54 39.95 Equipment Parameters Receive Antenna Gain, Main Beam (dbI) 42.10 15 DB Half Beamwidth (deg) 2.80 Antennas Receive: COMTECH 934D0015-G2 (3.8 M) Max Transmitter Power (dbW/4KHz) Max EIRP Main Beam (dbW/4KHz) Modulation / Emission Designator DIGITAL 36M0G7W Coordination Parameters Receive Coordination Parameters Receive Max Greater Circle Distances (km) 448.40 Max Rain Scatter Distances (km) 374.48 Max Interference Power Long Term (dbW) -158.60		(NAD83)	38 36	31.9 N	
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Max Greater Circle Distances (km) 448.40 Max Rain Scatter Distances (km) 374.48 Max Interference Power Long Term (dbW) -158.60	Max Transmitter Power	(dbW/4KHz)			
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Max Interference Power Long Term (dbW) -158.60	May Rain Scatter Distances	(KIII)			
Max Interference Power Short Term (dbW) -149.90			-149.90		
Rain Zone / Radio Zone 3 A		(۵)		А	

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: Z1825615 3.70 GHz

Licensee: Global Eagle Telecom Licensing Subsidiary LLC 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:

ICT, KS

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:

10/03/2018 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:

Respectfully Submitted,

Jeremy Lewis Systems Engineer

File: Z1825615

Rain Zone / Radio Zone

TECHNICAL CHARACTERISTI	CS OF RECEI	VE ONLY EART	H STATION
			=======================================
Company: G	lobal Eagle	Telecom Lic	ensing Subsidiary LLC
	CT, KS		
Call Sign:			
Latitude	(NAD83)	37 39	19.4 N
Longitude	(NAD83)	97 26	35.9 W
Elevation AMSL		1338.58	
Receive Frequency Range		3700-4200	
Transmit Frequency Range		60.00	1.40.00
Range of Satellite Orbital Long.			
		128.58	
Antenna Centerline Antenna Elevation Angles		12.80	
Antenna Elevacion Angles	(deg)	31.33	23.00
Equipment Parameters		Receive	
Antenna Gain, Main Beam	(dbI)	40.90	
15 DB Half Beamwidth	(deg)		
Antennas Receive: PRODELIN	1375 (3.7	M)	
Max Transmitter Power	(dbW/4KHz)		
	(dbW/4KHz)		
Modulation / Emission Designator			
Coordination Parameters		Receive	
W G	(3)	200 21	
Max Greater Circle Distances		388.31	
	(km)	477.38	
Max Interference Power Long Term Max Interference Power Short Term	(dbw)	-158.60	
Pain 7one / Padio 7one		-149.90 2	70

2