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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: M1322409 5.93 GHz Licensee: TELECOMMUNICATIONS SUPPORT SERVICES, INC

Licensee: TELECOMMUNICATIONS SUPPORT SERVICES, INC Page 1

Pursuant to Parts 25.203 and 101.103(d) of the FCC Rules and Regulations, a frequency coordination study was conducted by Micronet Communications, Inc. for the following proposed earth station:

Truman Naval Air Sta, 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:

10/11/2013 No-impact change notification pursuant to Section 101.103(d)(2)(ix) - No response required.

The attached coordination data was forwarded on the latest date to the following parties within coordination range or their authorized coordination agents:

COMSEARCH INC
EMBARQ FLORIDA INC
NEW CINGULAR WIRELESS PCS LLC - S FL

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis Systems Engineer

File: M1322409

TECHNICAL CHARACTERIST	CICS OF TRANS	MIT RECEIVE	EARTH STATION	
Company: Site Name, State: Call Sign:	TELECOMMUNIC.		RT SERVICES, INC	
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range		24 32 81 48 9.84 3700-4200 5925-6425	16.5 W 3.00	
Range of Satellite Orbital Long. Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	(deg W) (deg) (ft/m)	15.00 100.09 31.17	143.00 257.13 9.50	
Equipment Parameters		Receive	Transmit	
Antenna Gain, Main Beam 15 DB Half Beamwidth Antennas Receive: VERTEX		50.50 0.26	53.80 0.17	
Transmit: VERTEX Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz)		-18.60 35.20	
Coordination Parameters		Receive	Transmit	
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)	543.15 -140.60		

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SUPPLEMENTAL SHOWING PART 101.103(D)

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Respectfully Submitted,

Jeremy B. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: J1322409

TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION				
		========	=========	====
Company: Site Name, State: Call Sign:	TELECOMMUNIC		RT SERVICES, I	NC
Latitude Longitude Elevation AMSL	(NAD83) (NAD83) (ft/m)	24 32 81 48 9.84	16.5 W 3.00	
Receive Frequency Range Transmit Frequency Range Range of Satellite Orbital Long. Range of Azimuths from North	(MHz)	3700-4200 5925-6425 15.00		
Antenna Centerline Antenna Elevation Angles	(ft/m)	31.17	9.50	
Equipment Parameters		Receive	 Transmit 	
Antenna Gain, Main Beam 15 DB Half Beamwidth	(dbI) (deg)	50.50 0.26	53.80 0.17	
Antennas Receive: VERTEX 9.3 KPC Transmit: VERTEX 9.3 KPC				
Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator			-19.30 34.50	
Coordination Parameters		Receive	Transmit	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) n (dbW)	543.15 -140.60		

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: K1322409 5.93 GHz Licensee: TELECOMMUNICATIONS SUPPORT SERVICES, INC

Licensee: TELECOMMUNICATIONS SUPPORT SERVICES, INC Page 1

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EMBARQ FLORIDA INC
NEW CINGULAR WIRELESS PCS LLC - S FL

Respectfully Submitted,

Jeremy B. Lewis

Jeremy Lewis Systems Engineer

File: K1322409

TECHNICAL CHARACTERIS		-		
Company: Site Name, State: Call Sign:	TELECOMMUNIC.	ATIONS SUPPO	RT SERVICES, INC	
Latitude Longitude Elevation AMSL Receive Frequency Range Transmit Frequency Range	(ft/m)	24 32 81 48 9.84 3700-4200 5925-6425	16.5 W 3.00	
Range of Satellite Orbital Long Range of Azimuths from North Antenna Centerline Antenna Elevation Angles	. (deg W) (deg) (ft/m)	15.00 100.09 31.17	143.00 257.13 9.50	
Equipment Parameters		Receive	Transmit	
Antenna Gain, Main Beam 15 DB Half Beamwidth Antennas Receive: VERTEX		50.50 0.26	53.80 0.17	
Transmit: VERTEX Max Transmitter Power Max EIRP Main Beam Modulation / Emission Designator	(dbW/4KHz) (dbW/4KHz) c DIGITAL	807KG7D	-19.60 34.20	
Coordination Parameters			Transmit	
Max Greater Circle Distances Max Rain Scatter Distances Max Interference Power Long Term Max Interference Power Short Term Rain Zone / Radio Zone	(km) n (dbW)	341.79 543.15 -140.60 -118.40	157.05 100.00 -151.80 -130.80 A	

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

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: L1322409 5.93 GHz Licensee: TELECOMMUNICATIONS SUPPORT SERVICES, INC

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Respectfully Submitted,

Jeremy B. Lewis

Page 1

Jeremy Lewis Systems Engineer

File: L1322409

TECHNICAL CHARACTERIST			
Company:	TELECOMMUNIC	ATTONS SIIPPO	RT SERVICES, INC
		Air Sta, FL	
Call Sign:		,	
Latitude	(NAD83)	24 32	47.2 N
Longitude	(NAD83)	81 48	16.5 W
Elevation AMSL	(ft/m)		3.00
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-6425	
Range of Satellite Orbital Long.			143.00
		100.09	
Antenna Centerline		31.17	
Antenna Elevation Angles	(deg)	12.52	17.73
Equipment Parameters		Receive	 Transmit
Antenna Gain, Main Beam	(dbI)	50.50	53.80
15 DB Half Beamwidth	(deg)	0.26	0.17
Antennas Receive: VERTEX Transmit: VERTEX			
Max Transmitter Power Max EIRP Main Beam	(dbW/4KHz)		-17.40
Max EIRP Main Beam	(dbW/4KHz)		36.40
Modulation / Emission Designator			
Coordination Parameters		Receive	Transmit
	(1)	241 70	1.64.40
Max Greater Circle Distances		341.79	164.48
Max Rain Scatter Distances Max Interference Power Long Term	(km)	543.15	_151 QA
Max Interference Power Long Term Max Interference Power Short Ter			
Rain Zone / Radio Zone	III (CLOW)	1	-130.80 A
Tall Bone , hadro Bone		<u> </u>	**