

Micronet Communications, Inc.

812 Lexington Dr
Plano, Texas 75075
972-422-7200

SUPPLEMENTAL SHOWING PART 101.103(D)

File Number: C2203418 5.93 GHz
Licensee: SHELL COMMUNICATIONS INC

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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:

TC Robert, 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:

02/17/20222 Original PCN

There were no unresolved interference objections.

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

ACADIANA CELLULAR GENERAL PARTNERSHIP
ALABAMA GREAT SOUTHERN RAILROAD CO
CELLCO PARTNERSHIP
CELLULAR SOUTH LICENSES, LLC
CLECO POWER LLC
COMSEARCH INC
COOPERATIVE ENERGY
DIXIE ELECTRIC MEMBERSHIP CORPORATION
ENTERGY SERVICES, INC.
ENTERGY SERVICES, LLC
HANCOCK COUNTY E-911 COMMISSION
HARRISON COUNTY EMERGENCY COMMUNICATIONS
JEFFERSON PARISH SHERIFF'S OFFICE
LAFAYETTE MSA LIMITED PARTNERSHIP
LOOP LLC
LOUISIANA GENERATING, LLC
LOUISIANA RSA NO. 7 CELLULAR GENERAL PARTNERSHIP
LOUISIANA, STATE OF
MICRONET COMMUNICATIONS INC
MISSISSIPPI AUTHORITY FOR EDUCATIONAL TELEVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
NEW ORLEANS, CITY OF
PLAQUEMINES PARISH GOVERNMENT
SOUTHERN LIGHT, LLC
SPRINT SPECTRUM LLC
ST. BERNARD PORT, HARBOR & TERMINAL DISTRICT
ST. TAMMANY PARISH SHERIFF'S OFFICE
STATE OF MISSISSIPPI WIRELESS COMMUNICATION COMMISSION
T-MOBILE LICENSE LLC

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TELELINK INC
TELESOUTH COMMUNICATIONS, INC.
TEXAS EASTERN COMMUNICATIONS, LLC
TRANSCONTINENTAL GAS PIPE LINE CO., LLC
UNION PACIFIC RAILROAD COMPANY`
UNITI FIBER LLC
WIRELESS APPLICATIONS CORP
WWL-TV, INC.

Respectfully Submitted,



Jeremy Lewis
Systems Engineer

Attached: 1 data sheet

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TECHNICAL CHARACTERISTICS OF TRANSMIT RECEIVE EARTH STATION

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Company:	SHELL COMMUNICATIONS INC		
Site Name, State:	TC Robert, LA		
Call Sign:			
Latitude	(NAD83)	30 30	54.4 N
Longitude	(NAD83)	90 20	21.7 W
Elevation AMSL	(ft/m)	33.00	10.06
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)	5925-5959.85/5989.85-6184.065/6240.065-6243.365/6299.365-6389.79/6419.79-6425	
Range of Satellite Orbital Long.	(deg W)	60.00	143.00
Range of Azimuths from North	(deg)	130.94	248.82
Antenna Centerline	(ft/m)	165.35	50.40
Antenna Elevation Angles	(deg)	41.54	23.55

Equipment Parameters		Receive	Transmit
Antenna Gain, Main Beam	(dbI)	38.50	42.00
15 DB Half Beamwidth	(deg)	4.20	2.60

Antennas Receive: ASC SIGNAL CORPORATION 243 (2.4M)
 Transmit: ASC SIGNAL CORPORATION 243 (2.4M)

Max Transmitter Power	(dbW/4KHz)	-19.60
Max EIRP Main Beam	(dbW/4KHz)	22.40
Modulation / Emission Designator	ANALOG 4M30G7W 2M03G7W	

Coordination Parameters		Receive	Transmit
Max Greater Circle Distances	(km)	359.02	132.92
Max Rain Scatter Distances	(km)	554.64	100.00
Max Interference Power Long Term	(dbW)	-158.60	-154.80
Max Interference Power Short Term	(dbW)	-153.90	-126.80
Rain Zone / Radio Zone		1	A