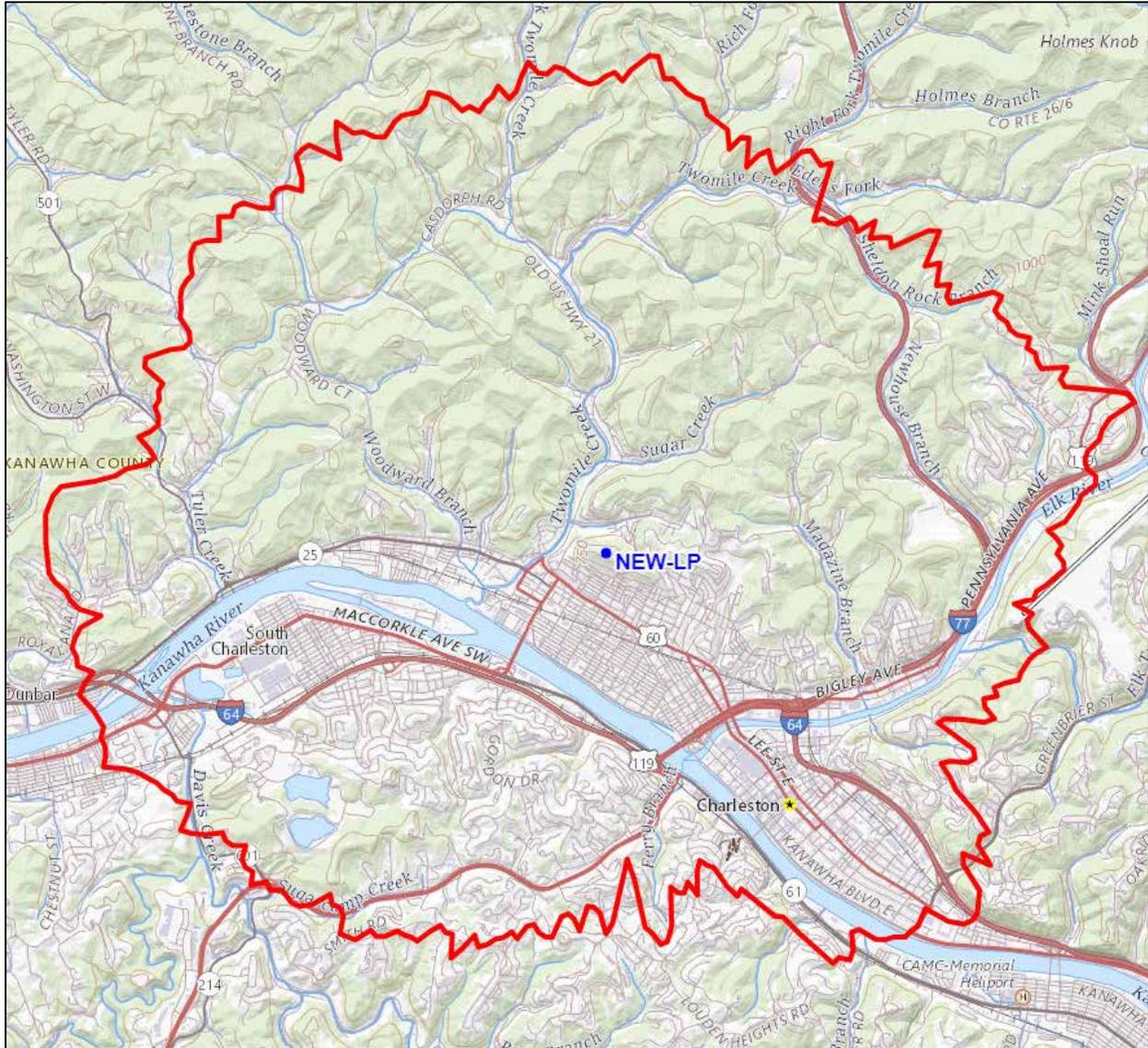




**REC Networks/Michelle Bradley CBT**  
 11541 Riverton Wharf Rd.  
 Mardela Springs, MD 21837  
 844.REC.LPFM/202.621.2355  
 recnet.com

Original Construction Permit Application  
 SOUTH CHARLESTON, WV  
**HATFIELD-MCCOY BLUEGRASS CORP.**  
 Facility ID: 784772

**PROPOSED 60dBu F(50,50) SERVICE CONTOUR**



SOUTH CHARLESTON, WV ~ Channel 281LP100 (104.1 MHz) ~ ERP 0.005 kW  
 Elev: 305.7 meters ~ RCAGL: 78 meters ~ RCAMSL: 383.7 meters ~ HAAT: 128 meters  
 Overall tower height: 100.6 meters AGL ~ ASR: 1238159  
 NAD83 Latitude: 38° 22' 34.6" NL ~ Longitude: 81° 39' 23.5" WL  
 No AM stations within 3 km.  
 Elevation and HAAT based on NED1 data from FCC Contours API.  
 Existing registered tower.

**HATFIELD-MCCOY BLUEGRASS CORPORATION**

New(LP)  
South Charleston, West Virginia  
Channel 281LP100 (104.1 MHz)

Distance separation	<i>§73.807</i>	3
Second-Adjacent Channel Waiver request	<i>§73.807</i>	4
Educational Statement	<i>§73.503(a)</i>	7
Evidence of Corporation Status	<i>§73.503(a)</i>	9
LPFM Point System factors	<i>§73.872</i>	10
Demonstration of localism	<i>§73.853</i>	11

R E C NETWORKS  
CHANNEL REPORT

NAD83 LATITUDE: 38 - 22' 34.6" - LONGITUDE: 81 - 39' 23.5"  
CHANNEL: 281 - CLASS: LP100

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
227	93.3	WKVW	MARMET	WV A	16.2	0.0	16.2	134.6
: EDUCATIONAL MEDIA FOUNDATION								
278	103.5	WZVA	MARION	VA A	165.3	0.0	165.3	171.6
: BRISTOL BROADCASTING COMPANY, INC.								
278	103.5	WNND	PICKERINGTON	OH A	197.6	0.0	197.6	332.5
: FRANKLIN COMMUNICATIONS, INC.								
278	103.5	WIMZ-FM	KNOXVILLE	TN C	309.1	0.0	309.1	216.8
: MIDWEST COMMUNICATIONS, INC.								
278	103.5	WOGH	BURGETTSTOWN	PA B	235.9	0.0	235.9	21.8
: FM RADIO LICENSES, LLC								
278	103.5	W278CP	SPENCER	WV D4	56.2	0.0	56.2	34.0
: ASM Communications Inc.								
279	103.7	WCIR-FM	BECKLEY	WV B	56.5	67.0	-10.5	147.4
: SOUTHERN COMMUNICATIONS CORPORATION								
> See waiver request.								
280	103.9	WNRJ	VIENNA	WV A	107.7	56.0	51.7	7.2
: FELLOWSHIP BAPTIST CHURCH OF VIENNA, WV								
281	104.1	WVIW	BRIDGEPORT	WV A	156.7	67.0	89.7	48.6
: VCY AMERICA, INC.								
281	104.1	WPYK	PORTSMOUTH	OH CO	123.1	122.0	1.1	286.5
: EDUCATIONAL MEDIA FOUNDATION								
281	104.1	W281AJ	BECKLEY	WV D5	80.0	32.0	48.0	149.1
: WEST VIRGINIA RADIO CORPORATION								
281	104.1	WTQR	WINSTON-SALEM	NC C	249.5	130.0	119.5	152.5
: IHM LICENSES, LLC								
282	104.3	WULL-LP	IVYDALE	WV L1	57.1	14.0	43.1	71.7
: IVYDALE COMMUNITY ACTION NETWORK, INC								
283	104.5	W283AQ	CROSS LANES	WV D7	3.5	21.0	-17.5	314.5
: WEST VIRGINIA RADIO CORPORATION OF CHARLESTON								
> See waiver request.								
283	104.5	WASP-LP	HUNTINGTON	WV L1	75.1	0.0	75.1	270.3
: SPRING VALLEY HIGH SCHOOL (STUDENTS)								
283	104.5	WHAJ	BLUEFIELD	WV C	131.5	93.0	38.5	161.7
: FIRST MEDIA SERVICES, LLC								
284	104.7	WVRC-FM	SPENCER	WV A	56.2	0.0	56.2	34.0
: ASM Communications Inc.								
284	104.7	WJMD	HAZARD	KY A	188.0	0.0	188.0	225.9
: HAZARD BROADCASTING, INC.								

**REQUEST FOR WAIVER OF §73.807(a)**  
**SHORT-SPACED SECOND-ADJACENT CHANNEL**

New(LP)  
South Charleston, West Virginia  
Channel 281LP100 (104.1 MHz)

The instant application meets all §73.807 distance separation requirements with the exception of second-adjacent channel stations WCIR-FM, Beckley, West Virginia and W283AQ, Cross Lanes, West Virginia. We address these shortcomings as set forth.

WCIR-FM operates on Channel 279B with 5 kW Effective Radiated Power (ERP) at 452 meters Height Above Average Terrain (HAAT) into a nondirectional antenna. WCIR-FM places a 60.0 dBu service contour at the proposed site.

W283AO is an FM translator operating on Channel 283 with 0.250 kW ERP at 156 meters HAAT into a directional antenna. W237AZ places a 85.5 dBu service contour at the proposed site.

When evaluating multiple short-spaced second-adjacent channel facilities, we further examine the one with the weaker field strength at the proposed transmitter site. In this case, WCIR-FM.

Using the U/D method<sup>1</sup>, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to KBBT to the proposed LPFM station's 100.0 dBu interfering contour ("overlap zone"). At 5 watts ERP using the free-space equation, the overlap zone only extends to 157 meters from the base of the radiation center of the antenna. Within 157 meters of the tower site, there are multiple occupied structures, albeit at significantly lower elevations. Utilizing a single bay Nicom BKG-77 antenna, based on manufacturer's specifications, it can be demonstrated that the 100 dBu interfering contour does not reach any point lower than 8 meters above ground level at the tower base. Therefore, the predicted interference will not reach the ground at the tower base or at any destination point along the elevation pattern, regardless of the lower elevation of the nearby structures. As such, it can be concluded that the proposed interfering contour of the instant application will not result in any interference to any listeners or potential listeners of WCIR-FM and W283AO.

As we have determined that the proposed facility will not cause any interference, the applicant is requesting a waiver of §73.807(a) in respect to WCIR-FM, Beckley, West Virginia and W283AQ, Cross Lanes, West Virginia.

Prepared by,

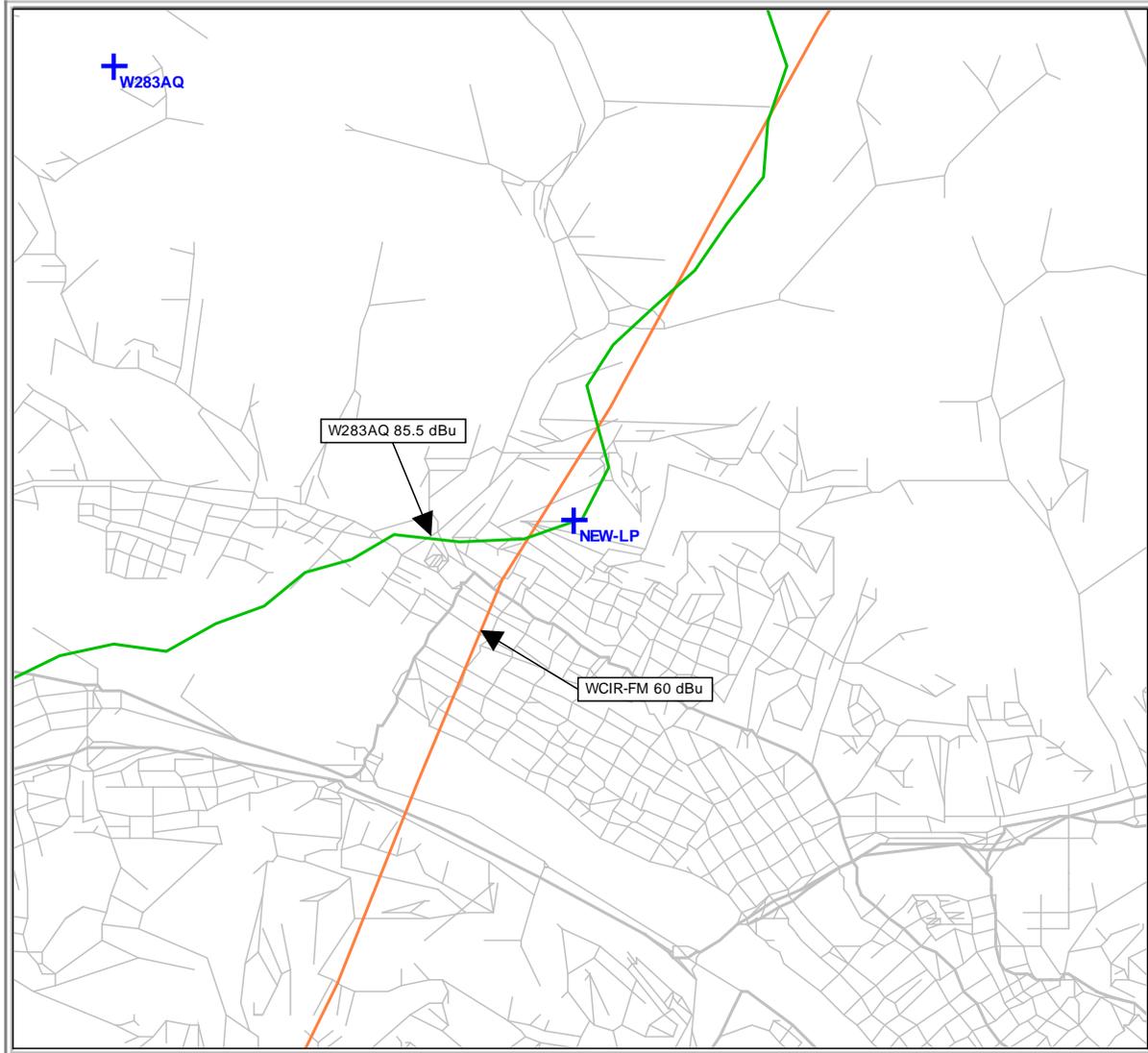
/S/  
Michelle Bradley, CBT  
REC Networks

December 6, 2023

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<sup>1</sup> See *Living Way Ministries, Inc.* Memorandum Opinion and Order, 17 FCC Rcd 17054, 17056 (2002) at 5. *Recon denied* 23 FCC Rcd 15070 (2008).

### Second-adjacent channel stations



Map Scale: 1:29864 1 cm = 0.30 km V/H Size: 5.49 x 5.85 km

Proposed Power:				<b>0.005 kW</b>				
Antenna Height AGL:				<b>78 m</b>				
Interference Contour:				<b>100 dBu</b>				
Artificial RX Antenna Height:				<b>2 m</b>				
Antenna Type:				<b>Nicom BKG77 - 1 bay 0 wave spacing</b>				
Angle Below Horizon	Antenna Relative Field	ERP in kW	ERP in dBk	Distance from Ant to Interference Contour	Distance from Ant to Artificial Plane	Field Strength in dBu @ Artificial Plane	Distance from Ant to Ground Level	Field Strength in dBu @ Ground Level
5	<b>0.999</b>	0.005	-23.02	156.69	872.00	85.09	894.95	84.87
10	<b>0.982</b>	0.005	-23.17	154.03	437.67	90.93	449.18	90.70
15	<b>0.954</b>	0.005	-23.42	149.64	293.64	94.14	301.37	93.92
20	<b>0.918</b>	0.004	-23.75	143.99	222.21	96.23	228.06	96.01
25	<b>0.872</b>	0.004	-24.20	136.77	179.83	97.62	184.56	97.40
30	<b>0.818</b>	0.003	-24.76	128.30	152.00	98.53	156.00	98.30
35	<b>0.758</b>	0.003	-25.42	118.89	132.50	99.06	135.99	98.83
40	<b>0.691</b>	0.002	-26.22	108.38	118.24	99.24	121.35	99.02
45	<b>0.616</b>	0.002	-27.22	96.62	107.48	99.07	110.31	98.85
50	<b>0.538</b>	0.001	-28.39	84.39	99.21	98.59	101.82	98.37
55	<b>0.465</b>	0.001	-29.66	72.94	92.78	97.91	95.22	97.68
60	<b>0.391</b>	0.001	-31.17	61.33	87.76	96.89	90.07	96.66
65	<b>0.313</b>	0.000	-33.10	49.09	83.86	95.35	86.06	95.12
70	<b>0.239</b>	0.000	-35.44	37.49	80.88	93.32	83.01	93.10
75	<b>0.176</b>	0.000	-38.10	27.61	78.68	90.90	80.75	90.68
80	<b>0.129</b>	0.000	-40.80	20.23	77.17	88.37	79.20	88.15
85	<b>0.103</b>	0.000	-42.75	16.16	76.29	86.52	78.30	86.29
90	<b>0.105</b>	0.000	-42.59	16.47	76.00	86.72	78.00	86.49

## EDUCATIONAL STATEMENT

New(LP)  
South Charleston, West Virginia  
Channel 281LP100 (104.1 MHz)

To support the discovery, preservation and dissemination of the history of the Hatfield-McCoy region in arts, music and history. To educate the current and future generation of students and citizens to the historical nature of the region. To promote a broad attraction of tourism to the Appalachian region.

The Hatfield-McCoy Bluegrass Corporation (HMBC), proposes to develop and utilize the proposed radio facilities to extend and enhance its existing mission by providing a broad range of educational and informational programs and features targeted to the South Charleston / Kanawha County community. The corporation intends to work directly with local schools and organizations using LPFM radio to further enhance its mission as more described below.

It is the intention of the corporation to participate with the local high school, South Charleston High School, to embed the broadcasting and media skill set into a possible Career-Technical Education (CTE) simulated workplace curriculum for Broadcasting Technology.

Further, as part of the LPFM station working with students in local schools, this enhances the ability to train students on the historical nature of the Hatfield-McCoy region and Appalachia.

We anticipate student participation will include training to cover live community events, usually events not covered by local commercial radio stations such as Special Olympics and Girls Sporting Events, for the local school systems. Students will be assisting with the broadcasting by performing such tasks as setup for each event covered, and actually being involved with the broadcast itself such as play-by-play and color commentary. This provides students with valuable live experience of broadcasting as well as serving the community at the same time.

The Station will be used to collaborate with South Charleston high school and feeder schools at the middle school level for that institution which include Dunbar Middle and South Charleston Middle school.

The Station's daily music programming will include a focus on music and musicians including those with connections to the Kanawha County area, the state of West Virginia, and the Appalachian region. The music itself will be carefully curated and supplemented with relevant commentary, history, and background information about artists and songs, presented by knowledgeable hosts. The broad range of our music programming includes many specialty shows, but is not limited to the examples listed below.

Examples include:

- "WoodSongs Old-Time Radio Hour": a one-hour weekly show - hosted by author and musician Michael Johnathon - featuring live performances and conversations with musicians representing a variety of styles and genres.

- “The Tim White Bluegrass Show”: a one-hour weekly show - hosted by artist and musician Tim White (host of KET’s ‘Song of the Mountain’) - featuring performances and conversations with musicians representing a variety of styles and genres.
- “Lancelott Music”: a one-hour weekly show - hosted by artist and musician Lance Lykins - featuring performances of original electronic dance music with contributing musicians representing a variety of styles.

The Station’s public affairs programming will address issues determined to be the most significant issues categories to the coverage area. The broad range of our public affairs programming will include many shows, but is not limited to the examples listed below.

Examples include:

- “Viewpoints”: a thirty-minute weekly show - listeners hear from experts, authors and newsmakers in fields such as business, social sciences, sports, education, popular culture and the arts.
- “Radio Health Journal”: a thirty-minute weekly show - examines two important issues in health, science and technology each week, interviewing experts, doctors and scientists from all over the world. “Radio Health Journal” is the radio magazine with the latest in health, science and technology today.

In addition to its music and long-form public affairs programming, the Station will air regular daily features addressing such topics as local and national history; coming attractions, events, programs, and venues of significance in the listening area; community-based social, cultural, economic, and political affairs; and matters of public safety, health, and wellness. In partnership with local private and public educational institutions, many of the features made part of the regular programming will fit in the educational categories of S.T.E.A.M. (Science, Technology, Engineering, Arts and Math)

The Station will air regular daily news in the broad categories of international, national, state and local areas. Specialized news will include, but not be limited to, the categories of automotive, business, consumer affairs, entertainment, farm, finance, gaming, health, recreation, sports, tourism and weather.

The Station will develop, and air, job reports to include both local and regional trending data, and opportunities for employment and work. The jobs report plans are to develop an over-the-air and digital “Job Fair” to connect employers and prospective employees.

The Station will develop partnerships with local public health, and emergency management agencies and local law enforcement, to ensure that urgent and timely messages are delivered to citizens of the service area.

The Station will air public service announcements (PSA), for local charitable organizations, government agencies, schools and churches with information on community issues 7-days per week for the stations service area.

The Station will have over-the-air broadcast operations available to the public on a 24/7/365 basis.

## EVIDENCE OF CURRENT CORPORATION STATUS

New(LP)  
South Charleston, West Virginia  
Channel 281LP100 (104.1 MHz)

## West Virginia Secretary of State

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### Business Entity Details

**Main**

Name: HATFIELD-MCCOY BLUEGRASS CORPORATION			Organization Number: 540368		
Type: C	Sec Type:	City: CHARLESTON	Class: N	Ch Type: D	
Eff Date: 8/23/2022	File Date: 8/23/2022	Term Date:	Term Reason:	AW/Term:	
CH County: Kanawha	Ch State: WV	Bus Purp: 8134	Ex Acres:	Term Yrs:	
Auth Shrs:	Cap Stck:	Status: Active	Par Val:	MGMT:	

**Addresses**

Principal Office Address:	Name:	Addr1: 1114 BEECH AVE	Addr2:	City: CHARLESTON	State: WV	Zip: 25302
Local Office Address:	Name:	Addr1: 1114 BEECH AVE	Addr2:	City: CHARLESTON	State: WV	Zip: 25302
Notice of Process Address:	Name: HAZEL B. DAMRON	Addr1: 3087 MILL CREEK RD	Addr2:	City: FORT GAY	State: WV	Zip: 25514
Mailing Address:	Name:	Addr1: 1114 BEECH AVE	Addr2:	City: CHARLESTON	State: WV	Zip: 25302

**Officers**

Incorporator:	Name: HAZEL B. DAMRON	Addr1: PO BOX 410	Addr2:	City: FORT GAY	State: WV	Zip: '25514
President:	Name: LANCE LYKINS	Addr1: 1114 BEECH AVE	Addr2:	City: CHARLESTON	State: WV	Zip: 25302
Secretary:	Name: KANDICE HILL	Addr1: 1114 BEECH AVE	Addr2:	City: CHARLESTON	State: WV	Zip: 25302

*Prior to their incorporation on August 23, 2022, Hatfield-McCoy Bluegrass Corporation was an unincorporated association, pursuant to Article 11, Chapter 36 of the West Virginia Code (W. Va. Code §36-11-15).*

**LPFM POINT FACTORS**

New(LP)  
South Charleston, West Virginia  
Channel 281LP100 (104.1 MHz)

<b>County of transmitting antenna</b>	<b>Market Name</b>	<b>Market Rank</b>
Kanawha, West Virginia	Charleston, WV	197

The proposed facility will claim 5 points as set forth:

**Established Community Presence – 1 point**

Pursuant to §73.872(b)(1), this organization is claiming the Established Community Presence point on the basis that since August 23, 2022, the organization has been incorporated in West Virginia and has been located within 20 miles of the transmitting site. Immediately prior to that date, the organization has been operating as an unincorporated association, pursuant to W. Va. Code §36-11-15 and has been local since December 31, 2018. In a separate document, we provide a letter from an attorney licensed to practice law in West Virginia to further support the applicant's claim of an unincorporated association during the period from December 31, 2018 (more than two years prior to the snapshot date) and August 23, 2022.

**Local Programming – 1 point**

Applicant pledges to originate at least 8 hours of local programming, pursuant to Commission policies regarding the LPFM point system, pursuant to §73.872(b)(2).

**Main Studio – 1 point**

Applicant pledges to make available an accessible main studio, capable of program origination for a Applicant of 20 hours per week. Applicant claims the Main Studio point, pursuant to §73.872(b)(3).

**Local Programming and Main Studio – 1 point**

As both the Local Programming and Main Studio points are being claimed, the additional Local Programming and Main Studio "bonus" point is also claimed, pursuant to §73.872(b)(4).

**Diversity of Ownership – 1 point**

Applicant has no other attributable interests and therefore is eligible to claim the Diversity of Ownership point, pursuant to §73.872(b)(5) and Page 5 of the Second Window Notice.

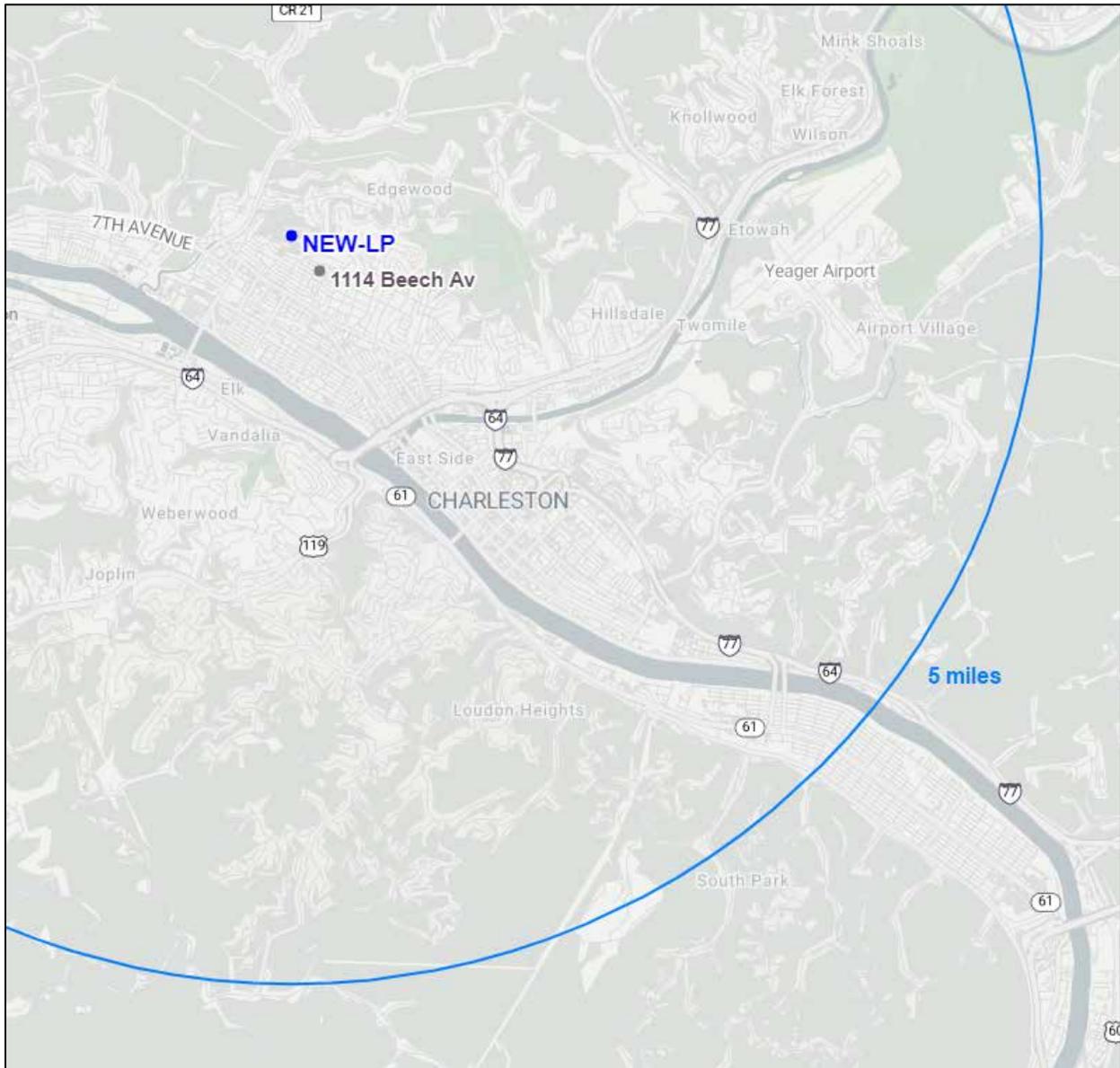
Prepared by,

/S/  
Michelle Bradley, CBT  
REC Networks

December 6, 2023

## LOCALISM

New(LP)  
South Charleston, West Virginia  
Channel 281LP100 (104.1 MHz)



The headquarters, main studio and both board members reside at 1114 Beech Av., Charleston, WV. This location is within 20 miles of the proposed transmitting antenna.