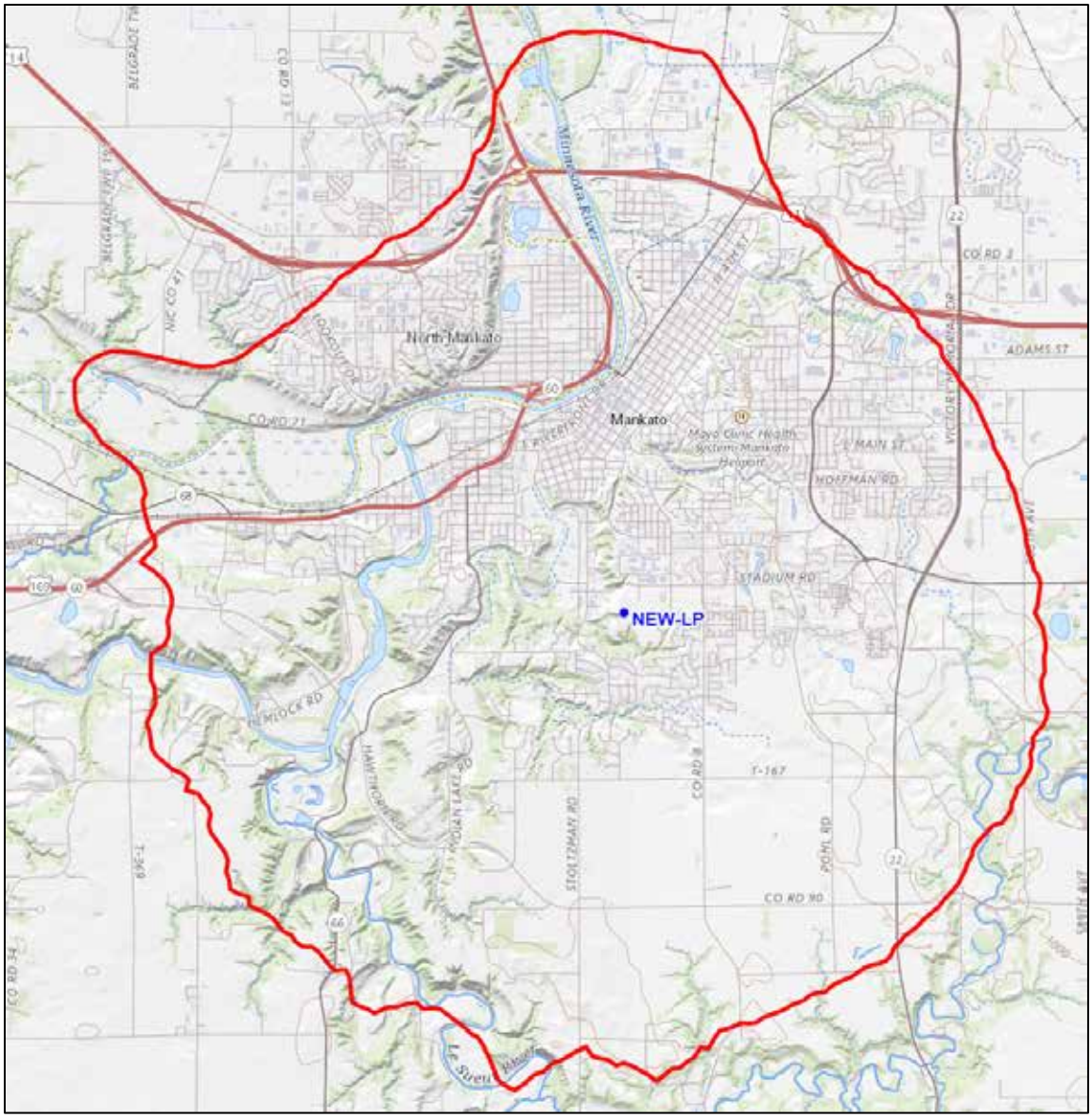
REC Networks/Michelle Bradley CBT
11541 Riverton Wharf Rd.
Mardela Springs, MD 21837
844.REC.LPFM/202.621.2355
recnet.com

Original Construction Permit Application
MANKATO, MN
MINNESOTA STATE UNIVERSITY, MANKATO
Facility ID: 779685

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



MANKATO, MN ~ Channel 300LP100 (107.9 MHz) ~ ERP 0.015 kW
Elev: 307.2 meters ~ RCAGL: 64 meters ~ RCAMSL: 371.2 meters ~ HAAT: 77.8 meters
Overall tower height: 131.1 meters AGL ~ ASR: 1256999
NAD83 Latitude: 44° 08' 30.9" NL ~ Longitude: 94° 00' 06.0" WL
No AM stations within 3 km.
Elevation based on ASR record. HAAT based on GLOBE30 terrain data from FCC Contour API.
Existing antenna structure.
Student-operated station exemption.

MINNESOTA STATE UNIVERSITY, MANKATO

NEW(LP)
Mankato, Minnesota
Channel 300LP100 (107.9 MHz)

R E C NETWORKS
CHANNEL REPORT

NAD83 LATITUDE: 44 - 08' 30.9" - LONGITUDE: 94 - 00' 05.9"
CHANNEL: 300 - CLASS: LP100

CHAN	FREQ	CALL	LOCATION		CLS	DIST	REQ	CLEAR	BEAR
247	97.3	K247CU	NEW ULM	MN	D5	36.9	0.0	36.9	291.9
: INGSTAD BROTHERS BROADCASTING, LLC									
297	107.3	KIOW	FOREST CITY	IA	C3	99.9	0.0	99.9	162.5
: PILOT KNOB BROADCASTING									
297	107.3	KNUJ-FM	SLEEPY EYE	MN	A	61.6	0.0	61.6	289.7
: INGSTAD BROTHERS BROADCASTING, LLC									
298	107.5	KBGY	FARIBAULT	MN	C2	53.6	53.0	0.6	81.4
: Milestone Radio II LLC									
299	107.7	KICD-FM	SPENCER	IA	C1	142.4	100.0	42.4	220.6
: SAGA COMMUNICATIONS OF IOWA, LLC									
299	107.7	K299AL	ALBERT LEA	MN	D4	76.8	21.0	55.8	138.0
: UNIVERSITY OF NORTHWESTERN-ST. PAUL									
300	107.9	KELQ	FLANDREAU	SD	C2	226.7	91.0	135.7	265.9
: MIDWEST COMMUNICATIONS, INC.									
300	107.9	KFMW	WATERLOO	IA	C	261.0	130.0	131.0	137.2
: NRG LICENSE SUB, LLC									
300	107.9	KQQL	ANOKA	MN	C	141.5	130.0	11.5	19.7
: IHM LICENSES, LLC									

ATTRIBUTABLE INTERESTS
NCE QUALIFCATION
STUDENT STATION EXEMPTION

NEW(LP)
Mankato, Minnesota
Channel 300LP100 (107.9 MHz)

The applicant of the proposed LPFM station has the following attributable interests:

Facility ID	Call Sign	Community of License
39790	KMSU	Mankato, Minnesota
39794	KMSK	Austin, Minnesota
39789	K220AR	Albert Lea, Minnesota

The licensee was determined to be qualified to be a noncommercial educational license in 1962 as Mankato State College. See File No. BPED-509 (granted May 17,1962).

As such, §73.860(d) of the Commission's Rules states that a party with an attributable interest in a broadcast station must divest such prior interests on the commencement of an LPFM station in which the party also holds an interest. However, a party need not divest such an attributable interest if the party is a college or university that can certify that the existing broadcast radio station is not student run. The exception applies only to parties that:
(1) Are accredited educational institutions;
(2) Own an attributable interest in non-student run broadcast stations; and
(3) Apply for an authorization that will be managed and operated on a day-to-day basis by students of the accredited educational institution.

Minnesota State University, Mankato ("MSU") is an accredited university and part of the Minnesota State University System. The Minnesota State University System has attributable interests in the broadcast facilities mentioned above. KMSU, which is also heard on satellite station KMSK and FM Translator K220AR, is a vounteer-run public radio station that is not managed or operated on a day-by-day basis by students of the University.

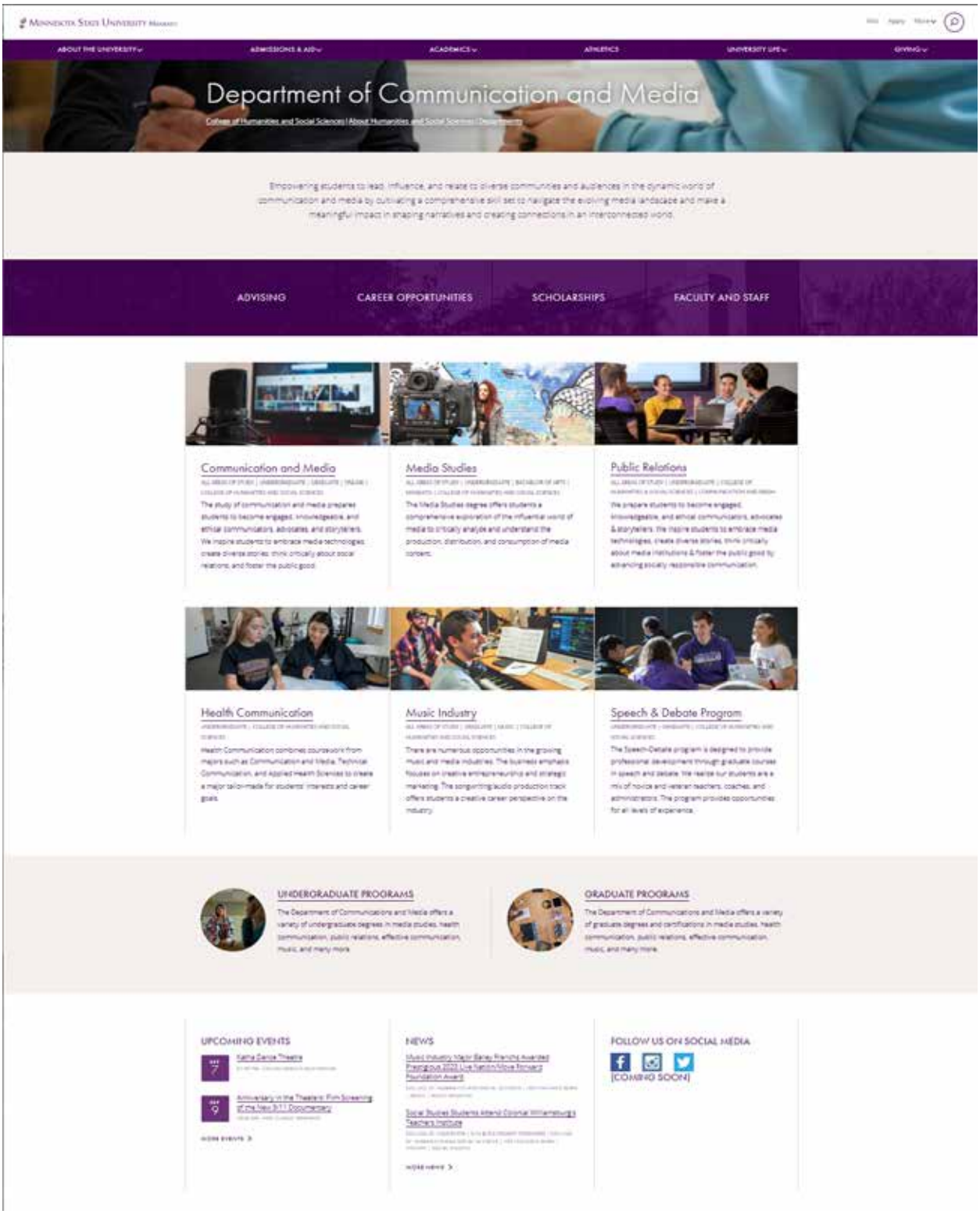
The proposed LPFM station will be located on campus and in contrast to KMSU/KMSK, will be managed and operated on a day-by-day basis by students of the University. The station will be used to enhance MSU's existing Mass Communications program.

As such, the applicant requests handling pursuant to 47 CFR §73.860(d).

Prepared by,

/S/
Michelle Bradley, CBT
REC Networks

November 1, 2023


Minnesota State University
ABOUT THE UNIVERSITY
ADMISSIONS & AID
ACADEMICS
ATHLETICS
UNIVERSITY LIFE
GIVING
Department of Communication and Media
Empowering students to lead, influence, and relate to diverse communities and audiences in the dynamic world of communication and media by cultivating a comprehensive skill set to navigate the evolving media landscape and make a meaningful impact in shaping narratives and creating connections in an interconnected world.
ADVISING
CAREER OPPORTUNITIES
SCHOLARSHIPS
FACULTY AND STAFF
Communication and Media
The study of communication and media prepares students to become engaged, knowledgeable, and ethical communicators, advocates, and storytellers. We inspire students to embrace media technologies, create diverse stories, think critically about social relations, and foster the public good.
Media Studies
The Media Studies degree offers students a comprehensive exploration of the influential world of media to critically analyze and understand the production, distribution, and consumption of media content.
Public Relations
We prepare students to become engaged, knowledgeable, and ethical communicators, advocates & storytellers. We inspire students to embrace media technologies, create diverse stories, think critically about media institutions & foster the public good by advancing socially responsible communication.
Health Communication
Health Communication combines coursework from majors such as Communication and Media, Technical Communication, and Applied Health Sciences to create a major tailor-made for students' interests and career goals.
Music Industry
There are numerous opportunities in the growing music and media industries. The business emphasis focuses on creative entrepreneurship and strategic marketing. The songwriting/audio production track offers students a creative career perspective on the industry.
Speech & Debate Program
The Speech-Debate program is designed to provide professional development through graduate courses in speech and debate. We realize our students are a mix of novice and veteran teachers, coaches, and administrators. The program provides opportunities for all levels of experience.
UNDERGRADUATE PROGRAMS
The Department of Communications and Media offers a variety of undergraduate degrees in media studies, health communication, public relations, effective communication, music, and many more.
GRADUATE PROGRAMS
The Department of Communications and Media offers a variety of graduate degrees and certifications in media studies, health communication, public relations, effective communication, music, and many more.
UPCOMING EVENTS
Katha Dance Theatre
Anniversary in the Theaters: Film Screening of the New 9/11 Documentary
NEWS
Music Industry Major Bailey Rranchy Awarded Prestigious 2022 Lue Nelson Move Forward Foundation Award
Social Studies Students Attend Colonial Williamsburg's Teachers Institute
FOLLOW US ON SOCIAL MEDIA
(COMING SOON)

LPFM POINT FACTORS

NEW(LP)
Mankato, Minnesota
Channel 300LP100 (107.9 MHz)

County of transmitting antenna	Market Name	Market Rank
Blue Earth, Minnesota	(Outside metro)	N/A

The proposed facility will claim 4 points as set forth:

Established Community Presence – 1 point
Minnesota State University, Mankato was originally founded in 1868 as Mankato Normal School and has been established in the community since then. Therefore, the applicant claims the established community presence point, pursuant to §73.872(b)(1).

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 – no points
As the applicant has other attributable interests that will not be divested due to the instant application proposed to operate as a student-managed and operated station pursuant to §73.860(d), the applicant is unable 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

November 1, 2023

LOCALISM

NEW(LP)
Mankato, Minnesota
Channel 300LP100 (107.9 MHz)

The board members are mainly appointed by the Governor and are from various portions of the state.

The proposed LPFM station will have its transmitting antenna on campus property and therefore, the campus is well within 20 miles of the transmitting antenna location.

As only one of these two prongs needs to be satisfied to demonstrate localism, the applicant qualifies as a local applicant pursuant to §73.853(b)(1).

Prepared by,

/S/
Michelle Bradley, CBT
REC Networks

November 1, 2023

NEPA COMPLIANCE

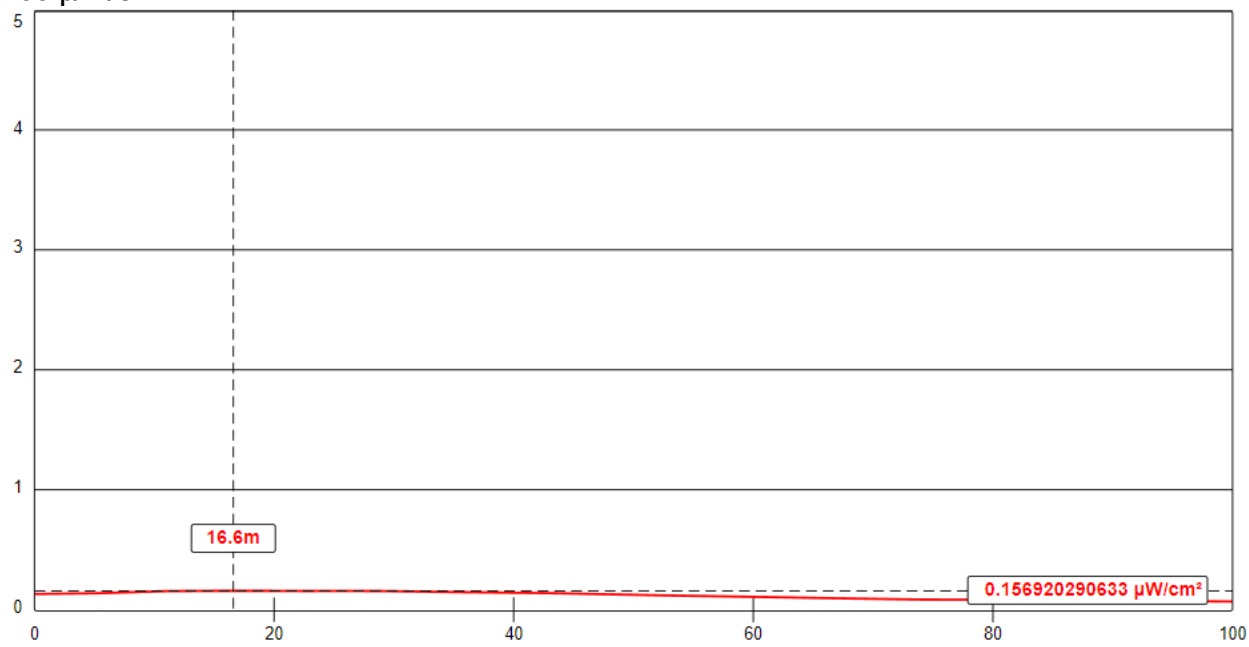
NEW(LP)
Mankato, Minnesota
Channel 300LP100 (107.9 MHz)

The instant application is proposed for 15 watts (0.015 kW) effective radiated power (ERP) horizontal and vertical at a radiation center height of 64 meters above ground level.

There are other non-exempt services operating from this tower structure:

RCAGL	Call	ERP (kw)	Antenna	µW/cm²
122 m	KMSU	17-H/V	EPA-3 4-bay full-wave	6.843
110 m	KXLP	3.7-H/V	EPA-3 4-bay 0.5 wave	0.348
61 m	K286AW	0.01-H/V	EPA-1 1-bay	0.116

Utilizing the Commission's FM MODEL software and assuming a worst case scenario of a single bay EPA-1 antenna, the maximum power density will contribute a maximum 0.157 µW/cm^2 to the existing tower power density, thus making the total power density from this tower **7.464 µW/cm^2**. This value is well within the general population uncontrolled exposure guideline of 200 µW/cm^2.



As power density remains well within the general population uncontrolled exposure guidelines at all points, the applicant submits that, a field RF exposure study should not be required.

Report prepared by:
/S/
Michelle Bradley, CBT
REC Networks
August 4, 2022