



2625 S Memorial Drive  
Suite A  
Tulsa, OK 74129

o 918.664.4581  
f 918.664.3066

www.iHeartMedia.com  
www.iHeartRadio.com  
#iheartradio

July 10, 2015

*BY COURIER DELIVERY*

Ms. Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 Twelfth Street, S.W.  
Washington, DC 20554

RE: Citicasters Licenses, Inc. (FRN No. 0018273367)  
Application for Direct Measurement of Power on  
FCC Form 302-AM  
WMT (AM), 600 kHz, Cedar Rapids, IA; Facility ID No. 73593

Dear Ms. Dortch:

On behalf of Citicasters Licenses, Inc., the licensee of the above-referenced station, enclosed is an original and four copies of an application for direct measurement of power submitted on FCC Form 302-AM.

Also enclosed is Form 159, Remittance Advice, with credit card payment of the \$790.00 filing fee.

Please stamp and return the additional copy of this application and contact the undersigned with any communications regarding this submission.

Respectfully submitted,

Citicasters Licenses, Inc.

By: \_\_\_\_\_

Stephen G. Davis  
Senior Vice President, Facilities & Capital  
Management

Enclosures

cc: Public Inspection File

# Agency Tracking ID:PGC2700644 Authorization Number:581144

## Successful Authorization -- Date Paid: 7/10/15

### FILE COPY ONLY!!

READ INSTRUCTIONS CAREFULLY BEFORE PROCEEDING  (1) LOCKBOX # <b>979089</b>	FEDERAL COMMUNICATIONS COMMISSION <b>REMITTANCE ADVICE</b> <b>FORM 159</b> PAGE NO 1 OF 1	APPROVED BY OMB 3060-059 SPECIAL USE FCC USE ONLY
<b>SECTION A - Payer Information</b>		
(2) PAYER NAME (if paying by credit card, enter name exactly as it appears on your card) <b>Citicasters Licenses, Inc.</b>		(3) TOTAL AMOUNT PAID (dollars and cents) <b>\$790.00</b>
(4) STREET ADDRESS LINE NO. 1 <b>2625 S. Memorial Drive</b>		
(5) STREET ADDRESS LINE NO. 2 <b>Suite A</b>		
(6) CITY <b>Tulsa</b>	(7) STATE <b>OK</b>	(8) ZIP CODE <b>74129</b>
(9) DAYTIME TELEPHONE NUMBER (INCLUDING AREA CODE) <b>918-6644581</b>		(10) COUNTRY CODE (IF NOT IN U.S.A.) <b>US</b>
<b>FCC REGISTRATION NUMBER (FRN) AND TAX IDENTIFICATION NUMBER (TIN) REQUIRED</b>		
(11) PAYER (FRN) <b>0018273367</b>		(12) FCC USE ONLY
IF PAYER NAME AND THE APPLICANT NAME ARE DIFFERENT, COMPLETE SECTION B IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C)		
(13) APPLICANT NAME <b>Citicasters Licenses, Inc.</b>		
(14) STREET ADDRESS LINE NO. 1 <b>2625 S. Memorial Drive</b>		
(15) STREET ADDRESS LINE NO. 2 <b>Suite A</b>		
(16) CITY <b>Tulsa</b>	(17) STATE <b>OK</b>	(18) ZIP CODE <b>74129</b>
(19) DAYTIME TELEPHONE NUMBER (INCLUDING AREA CODE) <b>918-6644581</b>		(20) COUNTRY CODE (IF NOT IN U.S.A.) <b>US</b>
<b>FCC REGISTRATION NUMBER (FRN) AND TAX IDENTIFICATION NUMBER (TIN) REQUIRED</b>		
(21) APPLICANT (FRN) <b>0018273367</b>		(22) FCC USE ONLY
<b>COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET</b>		
(23A) FCC Call Sign/Other ID <b>WMT</b>	(24A) Payment Type Code(PTC) <b>MOR</b>	(25A) Quantity <b>1</b>
(26A) Fee Due for (PTC) <b>\$790.00</b>	(27A) Total Fee <b>\$790.00</b>	FCC Use Only
(28A) FCC CODE 1 <b>73593</b>	(29A) FCC CODE 2 <b>302AMPAPERAPP</b>	
(23B) FCC Call Sign/Other ID	(24B) Payment Type Code(PTC)	(25B) Quantity
(26B) Fee Due for (PTC)	(27B) Total Fee	FCC Use Only
(28B) FCC CODE 1	(29B) FCC CODE 2	

FOR  
FCC  
USE  
ONLY

**FCC 302-AM**  
**APPLICATION FOR AM**  
**BROADCAST STATION LICENSE**

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO.

**SECTION I - APPLICANT FEE INFORMATION**

1. PAYOR NAME (Last, First, Middle Initial)

CITICASTERS LICENSES, INC.

MAILING ADDRESS (Line 1) (Maximum 35 characters)

2625 S MEMORIAL DRIVE

MAILING ADDRESS (Line 2) (Maximum 35 characters)

SUITE A

CITY

TULSA

STATE OR COUNTRY (if foreign address)

OK

ZIP CODE

74129

TELEPHONE NUMBER (include area code)

918-664-4581

CALL LETTERS

WMT

OTHER FCC IDENTIFIER (If applicable)

73593

2. A. Is a fee submitted with this application?



Yes



No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section



Governmental Entity



Noncommercial educational licensee



Other (Please explain):

C. If Yes, provide the following information:

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)

FEE TYPE CODE		
M	O	R

(B)

FEE MULTIPLE			
0	0	0	1

(C)

FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ 790.00

FOR FCC USE ONLY

To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

--	--	--

(B)

0	0	0	1
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(C)

\$
----

FOR FCC USE ONLY

ADD ALL AMOUNTS SHOWN IN COLUMN C,  
AND ENTER THE TOTAL HERE.  
THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED  
REMITTANCE.

TOTAL AMOUNT  
REMITTED WITH THIS  
APPLICATION

\$ 790.00

FOR FCC USE ONLY

<b>SECTION II - APPLICANT INFORMATION</b>		
1. NAME OF APPLICANT CITICASTERS LICENSES, INC.		
MAILING ADDRESS 2625 S. Memorial		
CITY Tulsa	STATE OK	ZIP CODE 74129

2. This application is for:

- ☒ Commercial
 ☐ Noncommercial  
☒ AM Directional
 ☐ AM Non-Directional

Call letters WMT	Community of License Cedar Rapids, IA	Construction Permit File No. NA	Modification of Construction Permit File No(s). NA	Expiration Date of Last Construction Permit NA
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☐ Yes ☐ No

If No, explain in an Exhibit.

Exhibit No.  
NA

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☐ Yes ☐ No

If No, state exceptions in an Exhibit.

Exhibit No.  
NA

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

☐ Yes ☐ No

If Yes, explain in an Exhibit.

Exhibit No.  
NA

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

☐ Yes ☐ No

If No, explain in an Exhibit.

☒ Does not apply

Exhibit No.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes ☐ No

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

Exhibit No.  
NA

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☒ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

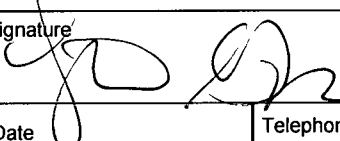
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

### CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name <b>Stephen G. Davis</b>	Signature 	
Title <b>SVP, Facilities and Capital Management</b>	Date <b>7/10/15</b>	Telephone Number <b>918-664-4581</b>

**WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION**

### FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

**SECTION III - LICENSE APPLICATION ENGINEERING DATA**

Name of Applicant  
CITICASTERS LICENSES, INC.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐

Station License

☒

Direct Measurement of Power

1. Facilities authorized in construction permit					
Call Sign WMT	File No. of Construction Permit (if applicable) na	Frequency (kHz) 600	Hours of Operation Unlimited	Power in kilowatts	
				Night 5.0	Day 5.0
2. Station location					
State IA			City or Town Cedar Rapids		
3. Transmitter location					
State IA	County Linn	City or Town Marion		Street address (or other identification) 1837 Radio Road	
4. Main studio location					
State IA	County Linn	City or Town Cedar Rapids		Street address (or other identification) 600 Old Marion Road	
5. Remote control point location (specify only if authorized directional antenna)					
State IA	County Linn	City or Town Cedar Rapids		Street address (or other identification) 600 Old Marion Road	

6. Has type-approved stereo generating equipment been installed?

☐

Yes

☒

No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?

☒

Yes

☐

No

☐

Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.

8. Operating constants:						
RF common point or antenna current (in amperes) without modulation for night system 10.39a			RF common point or antenna current (in amperes) without modulation for day system 10.0 a			
Measured antenna or common point resistance (in ohms) at operating frequency			Measured antenna or common point reactance (in ohms) at operating frequency			
Night	Day		Night	Day		
50	50		0	0		
Antenna indications for directional operation						
Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day
W (#1) ASR# 1024391	0	na	1.0	na		
E (#2) ASR# 1024392	134.6	na	0.373	na		
S (#3) ASR# 1024393	41.7	na	0.965	na		
Manufacturer and type of antenna monitor: Potomac Instruments AM-1901						

# SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator 2-Uniform, cross-sectioned, guyed 1- Self Supporting	Overall height in meters of radiator above base insulator, or above base, if grounded.  1 & 2 - 125.6m, 3 - 91.44 m	Overall height in meters above ground (without obstruction lighting)  1 & 2 - 126.4 m, 3 - 92.23 m	Overall height in meters above ground (include obstruction lighting)  1- 127.6, 2 -127.6 m, 3 -93.1 m	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.  Exhibit No. NA
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Excitation ☒ Series ☐ Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude 42 ° 03 ' 40.0 "	West Longitude 91 ° 32 ' 42.0 "
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No. NA
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Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.
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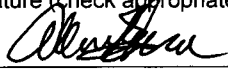
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

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11. Give reasons for the change in antenna or common point resistance.

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I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) Allan Brace	Signature (check appropriate box below) 
Address (include ZIP Code) 2625 S. Memorial Suite A Tulsa, OK 74129	Date 7/10/15  Telephone No. (Include Area Code) 918-664-4581

<input checked="" type="checkbox"/> Technical Director	<input type="checkbox"/> Registered Professional Engineer
<input type="checkbox"/> Chief Operator	<input type="checkbox"/> Technical Consultant
<input type="checkbox"/> Other (specify)	

**Citicasters Licenses, INC.  
Partial Proof of Performance  
Radio Station WMT  
Facility ID: 73593  
Cedar Rapids, IA**

**Technical Narrative**

This technical exhibit has been prepared for Citicasters Licenses, INC, licensee of WMT-AM, Cedar Rapids, IA in support the form 302 application for WMT per condition number eight (8) of the Construction Permit for KOSY-FM, Anamosa, IA, File number BPH-20111209DSS. A copy of the Construction Permit is attached herein.

WMT operates on 600 kilohertz and employs 3 towers in directional array to form the nighttime pattern. WMT is non-directional during the daytime hours.

The antenna system has been placed into adjustment and the allowable field strength values described in the current license for WMT are met at the monitor points by current adjustment operation. The array was adjusted to currently licensed parameters following the installation of the FM antenna system in accordance with the Construction Permit noted above. Care was taken to not disturb the components of the feed system and sample system from their original licensed location.

**Antenna Sampling System**

The description and components of the WMT sample system are unchanged from those reported in the 1972 full proof of performance and meet the Commission's antenna monitoring system requirements as outlined in 47CFR73.68.

**Field Strength Measurements**

As per Condition 8 of the aforementioned FM Construction Permit for KOSY-FM, a complete set of pre-construction and post-construction partial proof of performance measurements were made, following the requirements of Sec. 73.154 of the Commission's Rules. The four monitored radials (35, 85, 120.5 and 170 degree radials), as listed in the last full proof, were used for the nighttime pattern measurements. As shown in the attached data sheets, the analysis of this data demonstrates compliance of the present pattern adjustment with the standard/augmented pattern limitation of WMT and that the installation of the FM antenna did not adversely affect the pattern of WMT. This analysis has been performed using the original non-directional IDF values contained in the above mentioned proof of performance, the most recent complete proof of performance for the operation of the WMT antenna array.



All points measured for these partial proofs of performance were used in the latest full proof of performance. The points that were measured were between two and 20 kilometers from the array and are valid and consistent with the reference full proof analysis.

The measurements contained herein, were made by Jacob Wyatt, who is experienced and familiar with the appropriate equipment and techniques. They were made using a recently calibrated Potomac Instruments model FIM-4100, Serial number 133, calibrated in May, 2015 by the manufacturer.

### **Measurement Analysis**

Analysis of the data was made using both arithmetic and geometric (antilog of sum of logs of the ratios, divided by the number of points) method. The data scatter is low therefore the geometric ratio was used to perform the calculation of the inverse distance field values for the individual radials. In some cases, additional points above the eight required by Sec 73.154 of the Rules were used in order to obtain statistically more valid data.

Additionally, subsequent to the pre-construction partial proof of performance, it has become unseasonably wet in the City of License area, so in the abundance of caution, new non-directional measurements were made along the four monitored radials used in the pre-construction partial proof of performance and at the same locations used in that proof. The analysis of the post-construction directional measurements was made using those non-directional measurements.

### **Monitor Points**

The monitor points and the descriptions of the monitor points remain unchanged from what is currently licensed.

### **RFR Protection**

The RFR protection requirements for WMT remain unchanged from what is currently licensed and no changes were made during the construction of the KOSY-FM Construction Permit. The contribution of KOSY-FM is less than five percent (5%) of the general population exposure limit thus the facility remains compliant.

**Technical Exhibit  
Partial Proof of Performance  
Station WMT  
Cedar Rapids, IA**

**Tabulation of Inverse Distance Field Values**

Nighttime Pattern

Radial #	1972 Non-DA IDF	Std/Aug Pattern IDF	2015 Pre-Construction IDF	2015 Post-Construction IDF
35	627.51	731.13	653.68	680.47
85	643.6	297.67	233.09	241.23
120.5	643.6	452.61	387.26	407.1
170	643.6	68.22	43.72	44.08

**Tabulation of Meter Readings**

Tower	NIGHT	DA
	Antenna Monitor Ratio	Antenna Monitor Phase (degrees)
1	0	1.0
2	0.373	134.6
3	0.965	41.7

		Night
Common Point Resistance	(ohms)	50.0
Common Point Current	(amps)	10.39
Antenna Input Power	(Watts)	5400

**Technical Exhibit  
Partial Proof of Performance  
Station WMT  
Cedar Rapids, IA**

**Tabulation of Field Intensity Measurements**

**Radial 35°T**

Pre-Construction Measurements

POINT #	DIST	DATE	TIME	mv/m	DATE	TIME	mv/m
	km	NDA	NDA	NDA	DA	DA	DA
3 MP	4.34	10/28/1971	9:12	140.00	5/11/15	8:58	153.00
4	6.44	10/28/1971	9:25	98.00	5/11/15	9:01	74.80
5	8.45	10/28/1971	9:30	66.00	5/11/15	9:06	70.40
6	10.30	10/28/1971	9:35	61.00	5/11/15	9:10	63.80
7	11.75	10/28/1971	9:40	53.00	5/11/15	9:13	58.20
8	13.35	10/28/1971	9:44	45.00	5/11/15	9:16	46.80
9	14.96	10/28/1971	9:52	36.00	5/11/15	9:22	42.70
10	16.57	10/28/1971	10:11	34.00	5/11/15	9:27	37.40

Reference Field	627.51
Average Ratio DA/NDA	1.0417
Ratio Times Reference	653.68
CP/STD Pattern Limit	731.32

### **Radial 35°T**

#### **Post-Construction Measurements**

<b>POINT #</b>	<b>DIST</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>
	<b>km</b>	<b>NDA</b>	<b>NDA</b>	<b>NDA</b>	<b>DA</b>	<b>DA</b>	<b>DA</b>
3 MP	4.34	7/7/2015	14:11	149.11	7/7/15	8:35	160.00
4	6.44	7/7/2015	14:15	63.97	7/7/15	8:40	71.10
5	8.45	7/7/2015	14:19	70.32	7/7/15	8:45	76.70
6	10.30	7/7/2015	14:24	66.28	7/7/15	8:49	73.60
7	11.75	7/7/2015	14:28	62.72	7/7/15	8:52	66.50
8	13.35	7/7/2015	14:31	50.02	7/7/15	8:56	51.90
9	14.96	7/7/2015	14:36	42.71	7/7/15	9:01	45.40
10	16.57	7/7/2015	14:42	36.65	7/7/15	9:07	41.50

Reference Field	627.51
Average Ratio DA/NDA	1.0844
Ratio Times Reference	680.47
CP/STD Pattern Limit	731.32

### **Radial 85°T**

#### **Pre-Construction**

<b>POINT #</b>	<b>DIST</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>
	<b>km</b>	<b>NDA</b>	<b>NDA</b>	<b>NDA</b>	<b>DA</b>	<b>DA</b>	<b>DA</b>
2 MP	3.54	10/27/1971	10:29	172.00	5/11/15	11:05	63.80
3	5.15	10/27/1971	10:37	129.00	5/11/15	11:00	46.50
4	6.28	10/27/1971	10:41	97.00	5/11/15	10:55	41.80
5	8.21	10/27/1971	10:48	76.00	5/11/15	10:50	30.50
6	9.81	10/27/1971	10:54	54.00	5/11/15	10:43	18.40
7	13.35	10/27/1971	11:01	52.00	5/11/15	10:37	17.20
8	14.64	10/27/1971	11:04	48.00	5/11/15	10:32	16.40
9	17.46	10/27/1971	11:09	37.00	5/11/15	10:21	12.30

Reference Field	643.6
Average Ratio DA/NDA	0.3622
Ratio Times Reference	233.09
CP/STD Pattern Limit	298.02

### Radial 85°T

#### Post-Construction

POINT #	DIST	DATE	TIME	mv/m	DATE	TIME	mv/m
	km	NDA	NDA	NDA	DA	DA	DA
2 MP	3.54	7/8/2015	8:57	193.36	7/7/15	10:38	71.30
3	5.15	7/8/2015	9:03	145.26	7/7/15	10:33	53.90
4	6.28	7/8/2015	9:07	115.44	7/7/15	10:28	44.80
5	8.21	7/8/2015	9:12	85.81	7/7/15	10:23	31.70
6	9.81	7/8/2015	9:17	60.99	7/7/15	10:18	22.60
7	13.35	7/8/2015	9:23	51.66	7/7/15	10:08	20.10
8	14.64	7/8/2015	9:27	49.83	7/7/15	10:04	19.00
9	17.46	7/8/2015	9:32	38.48	7/7/15	9:59	13.90

Reference Field	643.6
Average Ratio DA/NDA	0.3748
Ratio Times Reference	241.23
CP/STD Pattern Limit	298.02

### Radial 120.5°T

#### Pre-Construction Measurements

POINT #	DIST	DATE	TIME	mv/m	DATE	TIME	mv/m
	km	NDA	NDA	NDA	DA	DA	DA
2 MP	2.17	10/28/1971	12:41	255.00	5/11/15	11:22	139.00
3	3.54	10/28/1971	12:44	175.00	5/11/15	11:26	102.00
5	7.16	10/28/1971	12:56	76.00	5/11/15	11:38	46.20
6	8.85	10/28/1971	13:00	62.00	5/11/15	11:43	37.10
7	12.07	10/28/1971	13:08	45.00	5/11/15	11:48	25.20
9	15.12	10/28/1971	13:15	33.00	5/11/15	11:57	20.10
10	16.73	10/28/1971	13:19	31.00	5/11/15	12:01	21.90
11	18.50	10/28/1971	13:26	29.50	5/11/15	12:07	18.20

Reference Field	643.6
Average Ratio DA/NDA	0.6017
Ratio Times Reference	387.26
CP/STD Pattern Limit	452.61

### **Radial 120.5°T**

#### **Post-Construction Measurements**

<b>POINT #</b>	<b>DIST</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>
	<b>km</b>	<b>NDA</b>	<b>NDA</b>	<b>NDA</b>	<b>DA</b>	<b>DA</b>	<b>DA</b>
2 MP	2.17	7/8/2015	11:03	236.65	7/7/15	10:56	155.00
3	3.54	7/8/2015	10:58	191.44	7/7/15	11:00	116.00
5	7.16	7/8/2015	10:47	91.77	7/7/15	11:11	56.30
6	8.85	7/8/2015	10:41	65.03	7/7/15	11:15	41.30
7	12.07	7/8/2015	10:35	49.25	7/7/15	11:21	29.60
9	15.12	7/8/2015	10:28	34.15	7/7/15	11:29	23.60
10	16.73	7/8/2015	10:24	37.42	7/7/15	11:33	24.70
11	18.50	7/8/2015	10:18	33.57	7/7/15	11:40	20.30

Reference Field 643.6

Average Ratio DA/NDA 0.6325

Ratio Times Reference 407.1

CP/STD Pattern Limit 452.61

### **Radial 170°T**

#### **Pre-Construction Measurements**

<b>POINT #</b>	<b>DIST</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>
	<b>km</b>	<b>NDA</b>	<b>NDA</b>	<b>NDA</b>	<b>DA</b>	<b>DA</b>	<b>DA</b>
4MP	5.42	10/26/1971	9:40	119.00	5/11/15	13:51	5.25
5	6.52	10/26/1971	9:45	102.00	5/11/15	13:46	7.02
6	7.88	10/26/1971	9:49	78.00	5/11/15	13:42	4.74
7	8.70	10/26/1971	9:55	70.00	5/11/15	13:37	6.47
9	11.38	10/26/1971	10:05	49.00	5/11/15	13:28	3.94
11	13.24	10/26/1971	10:16	43.00	5/11/15	13:13	3.08
13	17.57	10/26/1971	10:30	30.00	5/11/15	13:01	2.85
14	19.82	10/26/1971	10:49	24.50	5/11/15	12:48	1.19

Reference Field 643.6

Average Ratio DA/NDA 0.0679

Ratio Times Reference 43.72

CP/STD Pattern Limit 68.22

## **Radial 170°T**

### Post-Construction Measurements

<b>POINT #</b>	<b>DIST</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>	<b>DATE</b>	<b>TIME</b>	<b>mv/m</b>
	<b>km</b>	<b>NDA</b>	<b>NDA</b>	<b>NDA</b>	<b>DA</b>	<b>DA</b>	<b>DA</b>
4MP	5.42	7/8/2015	11:44	122.17	7/7/15	13:32	4.18
5	6.52	7/8/2015	11:47	108.71	7/7/15	13:29	6.36
6	7.88	7/8/2015	11:51	78.40	7/7/15	13:25	4.89
7	8.70	7/8/2015	11:55	65.13	7/7/15	13:20	6.49
9	11.38	7/8/2015	12:05	47.62	7/7/15	13:10	4.05
11	13.24	7/8/2015	12:16	43.77	7/7/15	12:55	3.05
13	17.57	7/8/2015	12:27	27.61	7/7/15	12:35	2.79
14	19.82	7/8/2015	12:48	20.30	7/7/15	12:22	1.32

Reference Field	643.6
Average Ratio DA/NDA	0.0685
Ratio Times Reference	44.08
CP/STD Pattern Limit	68.22



United States of America  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION CONSTRUCTION PERMIT**

Authorizing Official:

Official Mailing Address:

CITICASTERS LICENSES, INC.  
2625 S. MEMORIAL DRIVE  
SUITE A  
TULSA OK 74129

Rodolfo F. Bonacci  
Assistant Chief  
Audio Division  
Media Bureau

Facility ID: 162475

Grant Date: September 14, 2012

Call Sign: KOSY-FM

This permit expires 3:00 a.m.  
local time, 36 months after the  
grant date specified above.

Permit File Number: BPH-20111209DSS

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of Permittee: CITICASTERS LICENSES, INC.

Station Location: IA-ANAMOSA

Frequency (MHz): 95.7

Channel: 239

Class: C3

Hours of Operation: Unlimited



Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Transmitter output power: As required to achieve authorized ERP.

Antenna type: Directional

Antenna Coordinates: North Latitude: 42 deg 03 min 39 sec  
West Longitude: 91 deg 32 min 35 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	18.0	18.0
Height of radiation center above ground (Meters):	111	111
Height of radiation center above mean sea level (Meters):	373	373
Height of radiation center above average terrain (Meters):	118	118

Antenna structure registration number: 1024392

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 Pursuant to the grant of this construction permit and the authority found in Sections 4(i), 5(c)(1), 303 and 307(b) of the Communications Act of 1934, as amended, and Sections 0.61, 0.204(b), 0.283, 1.420, 73.203(b), and 73.3573 of the Commission's Rules, the FM assignment IS MODIFIED as follows:

Community	Channel No.
Anamosa, IA	Add 239C3, Delete 239A

Pursuant to Section 316(a) of the Communications Act of 1934, as amended, license BLH-20080213AAO IS MODIFIED to specify operation on Channel 239C3 in lieu of Channel 239A.

- 2 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances. Engineering exhibits should include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.

Special operating conditions or restrictions:

- 3 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit an affidavit from a licensed surveyor to establish that the directional antenna has been oriented at the proper azimuth.
  
- 4 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit an exhibit demonstrating that the measured directional antenna pattern complies with the appropriate community coverage provisions of 47 C.F.R. Sections 73.315 or 73.515 (See 47 C.F.R. Section 73.316(c)(2)(ix)(B)).
  
- 5 BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee/licensee shall submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit shall include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.
  
- 6 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

18.0 kilowatts.

Principal minima and their associated field strength limits:

260 degrees True: 4.0 kilowatts

- 7 \*\*\*\*\* This is a Section 73.215 contour protection grant \*\*\*\*\*  
 \*\*\*\*\* as requested by this applicant \*\*\*\*\*

Special operating conditions or restrictions:

- 8 If the antenna is mounted on an existing tower that is not base-insulated or detuned at the AM frequency, the permittee shall submit a certification to this effect.

If the antenna is mounted on an existing tower that is base-insulated or detuned at the frequency of AM station WMT(AM), Facility ID# 73593, Cedar Rapids, IA, the applicant shall notify the AM station. If necessary, the AM station may determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for readjustment and continued maintenance of any detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both before and after the installation of the antenna and transmission line on the tower, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected. The results of the partial proofs shall be submitted to the Commission with the application for license to cover this permit.

- 9 The permittee/licensee must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

\*\*\* END OF AUTHORIZATION \*\*\*