Federal Communications Commission
Washington, D. C. 20554

Approved by OMB
3060-0627
Expires 01/31/98

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. BZ-20170203ADI

SECTION I - APPLICANT FEE INFORMATION

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

Entercom New Orleans License, LLC

MAILING ADDRESS (Line 1) (Maximum 35 characters)
401 City Avenue

MAILING ADDRESS (Line 2) (Maximum 35 characters)
Suite 809

CITY	STATE OR COUNTRY (if foreign address)	ZIP CODE
Bala Cynwyd	PA	19004

TELEPHONE NUMBER (include area code)	CALL LETTERS	OTHER FCC IDENTIFIER (If applicable)
(610) 660-5610	WWWL	

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: Non-Feeable Application

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	(B) FEE MULTIPLE	(C) FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
	0001	$	

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)	(C)	FOR FCC USE ONLY
	0001	$	

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	FOR FCC USE ONLY
	$	

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Entercom New Orleans License, LLC		
MAILING ADDRESS 401 City Avenue, Suite 809		
CITY Bala Cynwyd	STATE PA	ZIP CODE 19004

2. This application is for:

☑ Commercial ☐ Noncommercial

☑ AM Directional ☐ AM Non-Directional

Call letters	Community of License	Construction Permit File No.	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit
WWWL	New Orleans, LA	Does Not Apply	Does Not Apply	Does Not Apply

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. Does Not Apply

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. Does Not Apply

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. Does Not Apply

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

☑ Does not apply

If No, explain in an Exhibit.

Exhibit No. Does Not Apply

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. Does Not Apply

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. Does Not Apply

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	Signature	
Andrew P. Sutor, IV		
Title: SVP / General Counsel	Date: 1/31/17	Telephone Number: 610-660-5610

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
Entercom New Orleans License, LLC

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

☐ Station License ☑ Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
WWWL	Does Not Apply	1350	unlimited	5.0	5.0

2. Station location

State	City or Town
Louisiana	New Orleans

3. Transmitter location

State	County	City or Town	Street address (or other identification)
LA	Orleans (Parish)	New Orleans	2601 Behrman Hwy

4. Main studio location

State	County	City or Town	Street address (or other identification)
LA	Orleans (Parish)	New Orleans	400 Poydras St

5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
LA	Orleans (Parish)	New Orleans	400 Poydras

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. Eng Statement

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system	RF common point or antenna current (in amperes) without modulation for day system
10.4 Amps	8.33 Amps

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 Ohms	72 Ohms	+j0 Ohms	+j213 Ohms

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
#1 (North)	+0.0°	-----	1.000	-----	no longer required	-----
#2 (South)	-62.5°	-----	0.940	-----	no longer required	-----

Manufacturer and type of antenna monitor: Potomac Instruments AM-19 (204)

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	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
guyed towers	See Eng Statement	See Eng Statement	See Eng Statement	Exhibit No. Does Not Apply

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	29 °	55 '	28.5 "	West Longitude	90 °	02 '	04 "

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. see Eng Statement

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system. Exhibit No. Does Not Apply

10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

Does Not Apply--no CP applied for or needed

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

see Engineering Statement

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)	Signature (check appropriate box below)
George Michael Patton	
Address (include ZIP Code) 12231 Industriplex Blvd Suite C Baton Rouge, LA 70809	Date January 27, 2017 Telephone No. (Include Area Code) 225-752-4189

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☑ Technical Consultant

☐ Other (specify)

Engineering Statement

in support of

FCC Form 302-AM
Direct Measurement of Power

submitted on behalf of:

WWWL
New Orleans, Louisiana

licensee:

Entercom New Orleans License, LLC

January, 2017

prepared by:

Michael Patton & Associates
Baton Rouge, Louisiana
www.michaelpatton.com

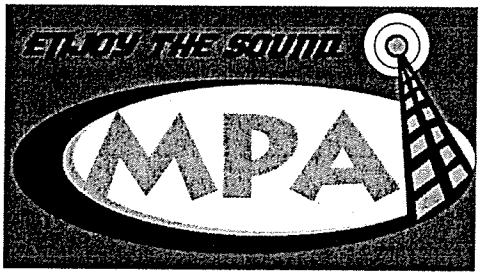


Table of Contents:

Narrative Statement:

Overview: Entercom New Orleans License, LLC, licensee of radio station WWWL, New Orleans, LA, recently undertook the construction of a translator, W279DF, with an antenna mounted on one of the two towers in the WWWL array. One of the conditions of the translator Construction Permit (BPFT-20160729AAD) requires that before and after measurements on the WWWL array be made, and FCC Form 302 be filed for WWWL if the operating parameters changed due to the translator antenna installation. The installation of the antenna and associated isolation device did indeed require a change in operating parameters to maintain the WWWL directional pattern within its Standard Pattern limits. The instant application, with accompanying exhibits, is being filed to fulfill that requirement, and will show that the WWWL directional array is operating within its Augmented Standard Pattern limits after the installation of the translator equipment. Since this Form had to be filed, the opportunity was taken to move two monitor points and to correct a typographical error in the third monitor point's description from the last partial proof (2008).

Description & history of array: WWWL broadcasts with a daytime power level of 5 KW, with non-directional operation using Tower 1 (the north tower). At night, WWWL broadcasts at a power level of 5 KW nominal, using both towers to generate a simple cardioid directional pattern. The facility was built in the 1940s. The last full proof was measured in 1984, after modernization of the sample system and replacement of the ground system. Tower 1 was replaced in 1998, at which time a partial proof was measured and submitted. In 2008, a diplexed backup facility to sister station WWL-AM was installed and a partial proof measured and submitted. There have been no substantial changes to the array since that time, until this project.

Sample System: The WWWL sample system was type-approved after the 1984 Full Proof filing, and consists of rigid, non-shielded loops located 90° down from the top of both towers, connected to a Potomac AM-19(204) antenna monitor by 3/8" Heliax-type coax, with isolation coils made of coax across the base of each tower. Both sample lines are buried from the towers to the building, and are of equal length.

Description of Translator Installation: The W279DF antenna was side-mounted near the top of the North tower, with a coax cable to the bottom. An iso-coupler was mounted on the wall of that tower's ATU doghouse to provide isolation for the translator coax cable to cross the base insulator. Careful attention was paid to proper grounding and bonding of the coax cables on both the hot and cold sides of the iso-coupler.

Required Field Measurements: Both prior to and after the translator antenna and isolation circuits were installed, partial proof measurements were made on the same radials as used in the 2008 partial proof. Analysis of these measurements indicated a need to slightly adjust the operating parameters to maintain all radials below their standard pattern limits after the translator installation. The array parameters were adjusted to obtain a pattern with all radials below their limits, and the instant set of partial proof measurements was made.

Narrative Statement, continued:

Proof Methodology: This firm's standard practice is to choose new measurement points and then to make new non-directional & directional measurements at these points, as described in 47CFR73.154(b)(2). The nighttime pattern has three monitored radials (29.0°, 308.5° & 347.0°), so one adjacent radials was chosen from those used in the last Full Proof (3.5°) and was also measured to obtain the required minimum number of four radials in a Partial Proof, as called for by 47CFR73.154(a). Precise locations for each point were determined, carefully described, and marked using marking spray paint and/or surveyor's flags. In this fashion, subsequent measurements could be confidently taken at the exact same locations. All field measurements were made during daylight hours, excluding critical hours, during January of 2017.

Non-Directional Operation: The Non-D pattern was measured using the normal 5 KW daytime operation mode from Tower 1. Tower 2 was connected at its base to an anti-resonant detuning network, and standard techniques were used to verify the proper adjustment of this network. The base impedance of Tower 1 was measured and the base current checked, to ensure that the proper power level was being radiated.

Calibration of Instruments Used: All field intensity measurements used in this proof were made using two Potomac F.I. meters, one belonging to WWWL and one to this firm. Both meters were checked against each other and found to be in substantial agreement with each other, within the manufacturer's tolerance. At the start of the project, the impedance bridge used was field-tested using precision components and found to meet its manufacturer's specifications. The common point RF ammeter and Non-directional base current ammeter were both checked against a newly-calibrated meter and found to give identical readings.

Urban Environment Issues: DA proofs in large cities pose many challenges, from the safety of measurement personnel to the availability of suitably stable, even meaningful, measurement points. The geography of New Orleans only exacerbates these challenges. Points in this proof range from those taken in the concrete canyons of downtown New Orleans to ones in the suburbs, on the levees, and on rural roads. The proximity of the largest river in North America, which all radials cross, is also a significant factor to be considered. Every effort was made to choose the best field measurement points. Nevertheless, wide variations from expected signal strength vs distance curves are evident from the data analysis, as are wide variations in ND/DA ratio at specific points. However, this engineer is confident that the data and analysis in the instant proof are representative of the array's actual performance within the limitations of the prescribed methodology.

Analysis Procedures: As per 47CFR73.154(c), each DA measurement was ratioed to the Non-D measurement for that point and the common logarithm of this ratio was determined for each point. The arithmetic mean of these log values was calculated, and the antilog of this mean was then multiplied by the Non-D Inverse Distance Field for that radial taken from the last Full Proof. This result was considered to be an accurate representation of the current DA Inverse Distance Field for that radial.

Narrative Statement, continued:

Monitor Points: Since 2008, the city of New Orleans has built walking trails along the Mississippi river levees near the WWWL site. The monitor points for the 347° and 29° radials have been moved to these new levee trails, which make excellent monitor point locations with no nearby re-radiation sources and good access. The location of the existing 308° monitor point remains suitable, although it is included here to correct a typographical error in the point's description from the last partial proof in 2008. All points' descriptions, photographs, and GPS coordinates are included here.

Radio Frequency Radiation Guideline Compliance: The licensee of WWWL has installed and will maintain secure fences, with locked gates and appropriate warning signs, around both towers, to ensure compliance the FCC's RFR guidelines. The distance from each tower to its fence at the shortest point meets the worst-case criteria listed in OET65 (1997) for this frequency and power level.

Conclusions: The installation of the antenna system for translator W297DF has been completed. The WWWL directional array has been adjusted to operate properly within its Augmented Standard Pattern radiation limits after this installation. The instant Form 302 application requesting direct measurement of power has been carefully prepared in all respects and should be granted.

Respectfully Submitted,

George Michael Patton
Michael Patton & Associates
January 26, 2017

Analysis of Daytime Radial 3.5° True:

Point #:	Dist. (km):	Non-D Date/Time:	Non-D mV/m:	DA Date/Time:	DA mV/m:	Log Ratio:
03-01	1.99	01/18/17 14:45	298	01/13/17 13:13	71.0	-0.623
03-02	2.23	01/18/17 14:40	214	01/13/17 13:10	47.0	-0.658
03-03	4.22	01/20/17 12:33	140	01/13/17 15:06	38.0	-0.566
03-04	5.18	01/20/17 12:40	117	01/13/17 14:34	24.0	-0.688
03-05	5.91	01/20/17 12:44	55.0	01/13/17 14:28	7.00	-0.895
03-06	7.13	01/20/17 12:47	80.0	01/13/17 14:23	6.40	-1.097
03-07	7.70	01/20/17 12:50	55.0	01/13/17 14:18	8.00	-0.837
03-08	9.02	01/20/17 12:59	30.3	01/13/17 13:13	4.70	-0.809
03-09	10.6	01/20/17 14:47	13.0	01/13/17 13:21	2.10	-0.792
03-10	11.4	01/20/17 14:40	23.1	01/13/17 13:28	3.70	-0.795
03-11	12.2	01/20/17 14:36	48.3	01/13/17 13:33	5.00	-0.985

Non-D Inverse Distance Field from last full proof:	965.6 mV/m	Current Logarithmic Average Ratio:	0.160
DA Inverse Distance Field Limit from Standard Pattern:	291.7 mV/m	Calculated Current DA Inverse Distance Field:	154.8 mV/m

Analysis of Nighttime Radial 29.0° True:

Point #:	Dist. (km):	Non-D Date/Time:	Non-D mV/m:	DA Date/Time:	DA mV/m:	Log Ratio:
29-01	2.00	01/18/17 15:16	298	01/13/17 12:19	42.0	-0.851
29-02 MP	2.75	01/18/17 15:30	248	01/13/17 12:25	32.0	-0.889
29-03	3.94	01/20/17 12:48	133	01/13/17 14:57	12.0	-1.045
29-04	4.74	01/20/17 12:44	112	01/13/17 14:52	16.0	-0.845
29-05	5.46	01/20/17 12:41	127	01/13/17 14:46	26.0	-0.689
29-06	5.92	01/20/17 12:37	69.6	01/13/17 14:42	18.0	-0.587
29-07	10.7	01/20/17 12:23	54.1	01/13/17 14:07	12.0	-0.654
29-08	12.0	01/20/17 12:17	37.6	01/13/17 13:56	11.8	-0.503
29-09	13.0	01/20/17 12:12	52.8	01/13/17 13:51	14.8	-0.552
29-10	13.8	01/20/17 12:08	40.8	01/13/17 13:46	7.60	-0.730
29-11	14.8	01/20/17 12:05	41.4	01/13/17 13:31	10.6	-0.592

Non-D Inverse Distance Field from last full proof:	965.6 mV/m	Current Logarithmic Average Ratio:	0.190
DA Inverse Distance Field Limit from Standard Pattern:	253.9 mV/m	Calculated Current DA Inverse Distance Field:	183.3 mV/m

Analysis of Nighttime Radial 308.5° True:

Point #:	Dist. (km):	Non-D Date/Time:	Non-D mV/m:	DA Date/Time:	DA mV/m:	Log Ratio:
308-01 MP	1.76	01/18/17 11:15	313	01/13/17 14:45	76.0	-0.615
308-02	2.24	01/18/17 11:41	476	01/13/17 14:49	205	-0.366
308-03	3.81	01/20/17 09:57	106	01/14/17 10:50	62.0	-0.233
308-04	4.52	01/20/17 09:46	35.0	01/14/17 10:43	15.0	-0.368
308-05	5.40	01/20/17 09:37	80.8	01/14/17 10:35	54.0	-0.175
308-06	6.66	01/20/17 09:30	19.5	01/14/17 10:29	10.1	-0.286
308-07	7.78	01/20/17 09:23	17.7	01/14/17 10:22	12.0	-0.169
308-08	9.00	01/20/17 09:17	7.40	01/14/17 10:16	5.00	-0.170
308-09	10.8	01/20/17 09:10	11.5	01/14/17 10:05	4.10	-0.448
308-10	12.1	01/20/17 09:05	10.7	01/14/17 09:51	4.50	-0.376
308-11	13.4	01/20/17 09:01	7.64	01/14/17 09:38	2.00	-0.582

Non-D Inverse Distance Field from last full proof:	949.5 mV/m	Current Logarithmic Average Ratio:	0.453
DA Inverse Distance Field Limit from Standard Pattern:	472.7 mV/m	Calculated Current DA Inverse Distance Field:	429.7 mV/m

Analysis of Daytime Radial 347.0° True:

Point #:	Dist. (km):	Non-D Date/Time:	Non-D mV/m:	DA Date/Time:	DA mV/m:	Log Ratio:
347-01	2.10	01/18/17 11:20	273	01/13/17 12:58	82.0	-0.522
347-02	2.73	01/18/17 11:30	160	01/13/17 13:03	46.0	-0.541
347-03 MP	3.44	01/18/17 11:35	260	01/13/17 13:18	80.0	-0.512
347-04	4.43	01/20/17 10:26	136	01/13/17 14:02	35.0	-0.589
347-05	5.33	01/20/17 11:12	101	01/13/17 13:54	26.0	-0.589
347-06	6.34	01/20/17 11:22	91.3	01/13/17 13:46	16.0	-0.756
347-07	7.49	01/20/17 11:29	85.0	01/13/17 13:32	20.0	-0.628
347-08	8.75	01/20/17 11:33	52.6	01/13/17 13:28	11.0	-0.680
347-09	9.93	01/20/17 11:38	29.1	01/13/17 13:22	10.0	-0.464
347-10	11.1	01/20/17 11:45	50.8	01/13/17 13:15	11.5	-0.645
347-11	12.1	01/20/17 12:26	34.6	01/13/17 13:10	10.0	-0.539

Non-D Inverse Distance Field from last full proof:	949.5 mV/m	Current Logarithmic Average Ratio:	0.258
DA Inverse Distance Field Limit from Standard Pattern:	269.0 mV/m	Calculated Current DA Inverse Distance Field:	245.2 mV/m

Summary of Radials:

Radial:	Non-D Inverse Field from 1984 proof [1]:	Calculated 2017 DA Inverse Field:	DA Inverse Field Limit [2]:
3.5° True	965.6 mV/m	154.8 mV/m	291.7 mV/m
29.0° True [3]	965.6 mV/m	183.3 mV/m	253.9 mV/m
308.5° True [3]	949.5 mV/m	429.7 mV/m	472.7 mV/m
347.0° True [3]	949.5 mV/m	245.2 mV/m	269.0 mV/m

[1] Distances and Inverse Fields in the 1984 (last) Full Proof were denominated in miles; the figures used in this proof for Non-D Inverse Distance Fields were obtained by multiplying the "at 1 mile" Inverse Distance Fields from that Proof by the standard conversion factor for miles to kilometers (1 mile = 1.609344 kilometers).

[2] These figures are taken from the WWWL Augmented Standard Pattern.

[3] denotes a monitored radial.

Operating Parameters, Tower Data & Array Coordinates:

Currents & Impedances:

Mode:	Power:	Measurement Point:	Impedance:	Current:
Non-DA:	5.00 KW	Base of Tower #1	72 +j 213 Ω	8.33 Amps
DA-Night:	5.40 KW	Common Point	50 ±j 0 Ω	10.4 Amps

Directional Antenna Monitor Parameters:

Tower #:	Theoretical Current:	Theoretical Phase:	Ant. Mon. Current:	Ant. Mon. Phase:
1 (N):	0.650	+ 66.0°	1.000	0.0°
2 (S):	1.000	0.0°	0.940	- 62.5°

Tower Data:

Tower #:	Coordinates (NAD83)*:	Height of Radiator:	Overall Height w/o Lighting:	Overall Height w/Lighting:	ASR Registration #:
1 (N):	29° 55' 30" 90° 02' 04"	113.0 M	114.9 M	115.8 M	1022241
2 (S):	29° 55' 27" 90° 02' 04"	91.4 M	94.5 M	94.5 M	1022242

Certifications & Equipment List:

Certifications:

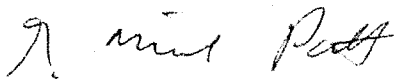
I, George Michael Patton, do hereby swear to and affirm the following:

That I am a broadcast engineer regularly engaged in the construction, repair, and maintenance of AM directional antennas, that I have prepared and filed many reports of this nature during my career, and that my qualifications are a matter of record with the FCC;

That Entercom New Orleans License, LLC., licensee of WWWL, New Orleans, Louisiana, engaged my firm, Michael Patton & Associates, to ensure compliance with the special conditions of Construction Permit BPFT-20160729AAD, to make partial proof measurements on WWWL, and to prepare this form and report;

That all measurements made during the course of this work were made by me or under my direct supervision, that all the measurements made by me are true and correct, and, regarding all measurements made by others, that I believe them to be true and correct.

Sworn to this day, January 26, 2017



George Michael Patton

Equipment List:

Type of Instrument:	Manu-facturer:	Model Number:	Serial Number:	Calibration Date:	By Whom Calibrated:
Imp. Bridge	Delta	OIB-3	213	09/12/2016 [1]	Patton
F. I. Meter	Potomac	FIM-41	2082	06/03/2016 [2]	Mooretronix
F. I. Meter	Potomac	FIM-4100	351	11/06/2015 [2]	Potomac

Notes:

1. Calibration verified using precision fixed components at the start of this project.
2. The calibration of these meters was verified against each other; both were in agreement.

Radial 29.0° True Nighttime Monitor Point - Picture and Description:

29° looking east

Direction of 29.0° True: Point is located on the walking trail atop the Mississippi river levee north of Patterson Drive, between Horace and Flanders Streets in Gretna. Reading is taken next to trail distance marker AL17000.

Distance from transmitter:	GPS coordinates:	Measured DA field strength:
2.75 km	N 29° 56' 45.8" W 90° 01' 13.2"	32 mV/m

Radial 308.5° True Nighttime Monitor Point - Picture and Description:

308.5° looking east

Direction of 308.5° True: Point is located at the McDonoughville Cemetery, 520 Hancock Street, in Gretna. Reading is taken at the north side of the north entrance to the cemetery.

Distance from transmitter:	GPS coordinates:	Measured DA field strength:
1.76 km	N 29° 56' 03.6" W 90° 02' 55.1"	76 mV/m

Radial 347.5° True Nighttime Monitor Point - Picture and Description:

347° looking southeast

Direction of 347.0° True: Point is located on the walking trail atop the Mississippi river levee at the extended centerline of Thayer Street in Gretna. Reading is taken at an inlaid plaque commemorating the Verret Plantation.

Distance from transmitter:	GPS coordinates:	Measured DA field strength:
3.44 km	N 29° 57' 17.0" W 90° 02' 33.3"	80 mV/m