Accepted / Filed

AUG – 3 2018

Federal Communications Commission
Office of the Secretary

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-20180803AAI

SECTION I - APPLICANT FEE INFORMATION

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

NOT APPLICABLE

MAILING ADDRESS (Line 1) (Maximum 35 characters)
HOLLAND & KNIGHT LLP

MAILING ADDRESS (Line 2) (Maximum 35 characters)
800 17TH STREET, N.W., SUITE #1100

CITY	STATE OR COUNTRY (if foreign address)	ZIP CODE
WASHINGTON	DC	20006-3906

TELEPHONE NUMBER (include area code)	CALL LETTERS	OTHER FCC IDENTIFIER (If applicable)
202-457-7040	WAIT	53504

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: DIRECT MEASUREMENT

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	$	

	TOTAL AMOUNT REMITTED WITH THIS APPLICATION	FOR FCC USE ONLY
ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.	$	

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT CHICAGO NEWSWEB CORPORATION		
MAILING ADDRESS 2401 N. HALSTED STREET, SUITE #200		
CITY CHICAGO	STATE IL	ZIP CODE 60614-2451

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
WAIT	CRYSTAL LAKE, IL	NA	NA	NA

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

☑ Does not apply

If No, explain in an Exhibit.

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. NA

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	
CATHERINE E. DANZ		
Title	Date	Telephone Number
PRESIDENT AND TREASURER	8/3/2018	773-975-5721

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
CHICAGO NEWSWEB CORPORATION

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
WAIT	N/A	850	DAYTIME	--	2.5

2. Station location	
State	City or Town
IL	CRYSTAL LAKE

3. Transmitter location			
State	County	City or Town	Street address (or other identification)
IL	MCHENRY	CRYSTAL LAKE	8800 US ROUTE 14

4. Main studio location			
State	County	City or Town	Street address (or other identification)
IL	COOK	CHICAGO	5625 N MILWAUKEE AVENUE

5. Remote control point location (specify only if authorized directional antenna)			
State	County	City or Town	Street address (or other identification)
IL	COOK	CHICAGO	5625 N MILWAUKEE AVENUE

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.
ON FILE - NO CHANGE

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
--	7.35

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
--	50.0	--	- 4.0

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
1 (NE)	--	0.0	--	1.000	N/A	N/A
2 (C)	--	+ 7.0	--	0.637	N/A	N/A
3 (SW)		- 16.0	--	0.611	N/A	N/A

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	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.
UNIFORM CROSS-SECTION, GUYED	1 & 3: 88.1; 2: 128.9	1 & 3: 89.2; 2: 130.0	1 & 3: 89.9; 2: 130.8	Exhibit No. N/A

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	West Longitude
42 ° 15 ' 30 "	88 ° 21 ' 48 "

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. N/A

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

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

NONE

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

REPLACEMENT OF LIGHTING CHOKES AND STATIC DRAINS ACROSS TOWER BASES AND READJUSTMENT OF ANTENNA SYSTEM

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
RONALD D. RACKLEY, P.E.	Ronald D. Rackley
Address (include ZIP Code)	Date
DUTREIL, LUNDIN & RACKLEY, INC. 3135 SOUTHGATE CIRCLE SARASOTA, FL 34239	AUGUST 2, 2018
	Telephone No. (Include Area Code) 941-329-6000

☐ Technical Director ☑ Registered Professional Engineer

☐ Chief Operator ☐ Technical Consultant

☐ Other (specify)

TECHNICAL EXHIBIT
PARTIAL PROOF-OF-PERFORMANCE
CHICAGO NEWSWEB CORPORATION
RADIO STATION WAIT
CRYSTAL LAKE, ILLINOIS
850 KHZ 2.5 KW DA-D

August 2, 2018

TECHNICAL EXHIBIT
PARTIAL PROOF-OF-PERFORMANCE
CHICAGO NEWSWEB CORPORATION
RADIO STATION WAIT
CRYSTAL LAKE, ILLINOIS
850 KHZ 2.5 KW DA-D

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Technical Statement

The technical exhibit of which this statement is part was prepared on behalf of the licensee of AM station WAIT in Crystal lake, Illinois. WAIT operates on 850 kilohertz with power of 2.5 kilowatt, utilizing a three-tower directional antenna during daytime hours.

The WAIT antenna system was recently upgraded to use new tower light isolation chokes and static drain chokes across the three tower bases. In addition, a Potomac Instruments AM-1901 antenna monitor was installed to replace the model AM-19 that had been used in the past. Following the changes, the antenna parameters were adjusted to produce the required directional antenna pattern shape as confirmed by a partial proof-of-performance. The antenna adjustments were made by Mr. Mike McCarthy, an engineer who is employed by the licensee of the station, under the direction of the undersigned.

Included herein are the detailed partial proof-of-performance data. As can be seen from the information provided, the field strength measurements reflect operation of the WAIT directional antenna pattern within the FCC's Rules and the station's standard radiation pattern requirements.

Antenna and Ground System

The WAIT directional antenna pattern characteristics remain unchanged and no modifications were made to the towers or ground system. The phasing and coupling equipment remains unchanged and no changes were made to the antenna monitor sampling system.

Field Strength Measurements

Measurements were made on the three radials for which monitor points are specified on the WAIT license. The measurements were made out to the distances necessary to have at least eight points from the original proof-of-performance to include in the analysis for each of the partial proof radials. Field strength readings were made at the monitor point locations and at other locations where radial field strength measurements were made at the time of the 1985 reference proof of performance.

The measurements were made for daytime directional operation with an antenna input power at the common point of 2,700 watts, corresponding to 2,500 watts nominal power, in accordance with Section 73.51(b)(1) of the FCC Rules.

The field strength measurements were made by Mr. Mike McCarthy, an engineer who is employed by the licensee of the station. He is well experienced in the making of directional antenna proof of performance field strength measurements, having worked with the undersigned on antenna proofs on many occasions in the past.

The Field Strength meter used for the measurements was a Potomac Instruments FIM-41, serial number 302, which was most recently calibrated by its manufacturer on July 20, 2004. Prior to its use, its calibration was checked against Potomac Instruments FIM-41, serial number 1924, which was calibrated by its manufacturer on September 26, 2016, at multiple frequencies and on multiple scales. The indications were found to agree within the manufacturer's rated accuracy for the instrument.

Field Strength Measurement Analysis

The field strength measurements were analyzed in accordance with Section 73.154 of the FCC's Rules. The logarithms of the ratios of the present and reference proof measured field strength values were averaged for each radial and the antilogarithm of the average logarithm was determined. The radial averages thus obtained were multiplied by the corresponding proof-of-performance measured daytime directional unattenuated fields of the 1985 reference proof-of-performance to determine the present directional radiation values. The 1985 proof values were mathematically converted from their original units, mV/m at one mile, to mV/m at one kilometer for this analysis.

Direct Measurement of Power

The common point resistance for the directional pattern measurements contained herein was 50.0 ohms, as specified on the station license. The licensed value of antenna input current, 7.35 amperes, was maintained while the directional pattern field strength measurements were being made. The common point impedance was confirmed with measurements using a calibrated network analyzer system.

Monitor Points

The 18.5 degree and 44.5 degree monitor points, which were established at the time of the original proof of performance, remain unchanged. The 224 degree monitor point is where it was relocated from the one that was specified in the original proof of performance in 1995. The details regarding its location were specified in the partial proof report that accompanied an application for direct measurement of power in 1995, pursuant to the requirements of Section 73.158 of the FCC's Rules. That application was assigned file number BZ-19950425AA, it was processed, and a new license with revised operating parameters was granted by the FCC. The license did not show the correct distance for the 224 degree monitor point, however.

Information on the 224 degree monitor point location is included in an Appendix to this report. It is requested that the new license specify the 224 degree monitor point from the 1995 partial proof of performance. The particulars of its location remain unchanged.

Environmental Considerations

The measures to restrict human exposure to radiofrequency fields previously provided to the FCC remain in force at the WAIT transmitter site.

Conclusion

As can be seen from the data provided herein, the WAIT antenna system, as presently adjusted, meets the requirements of the FCC rules and the terms of the station authorization. It is requested that a modified license be issued specifying the operating parameters and monitor point locations that are provided herein.

Ronald D. Rackley, P.E.
du Treil, Lundin & Rackley, Inc.
3135 Southgate Circle
Sarasota, Florida 34239
(941) 329 6008
ron@dlr.com

August 2, 2018

Figure 1

TECHNICAL EXHIBIT
PARTIAL PROOF-OF-PERFORMANCE
CHICAGO NEWSWEB CORPORATION
RADIO STATION WAIT
CRYSTAL LAKE, ILLINOIS
850 KHZ 2.5 KW DA-D

Tabulation of Meter Readings

Night-DA		Tower 1 (NE)	Tower 2 (C)	Tower 3 (SW)
Antenna Monitor Ratio		1.000	0.637	0.611
Antenna Monitor Phase	(Degrees)	0.0	+7.0	-16.0

		DA
Common Point Resistance	(Ohms)	50.0
Common Point Current	(Amperes)	7.35
Antenna Input Power	(Watts)	2,700

Figure 2

TECHNICAL EXHIBIT
PARTIAL PROOF-OF-PERFORMANCE
CHICAGO NEWSWEB CORPORATION
RADIO STATION WAIT
CRYSTAL LAKE, ILLINOIS
850 KHZ 2.5 KW DA-D

Summary of Measured Day-DA Field Strength Data

Radial Azimuth (Degrees True)	Unattenuated Field Strength at 1.0 Kilometer (mV/m)		
	1985** Proof	DA Present	DA Standard
18.5*	25.8	26.5	39.1
44.5*	32.2	40.5	43.6
224.0*	29.8	32.2	39.3

* - Monitor point radial.

** - The values have been mathematically converted from the original units of the 1985 proof-of-performance, mV/m at one mile, to mV/m at one kilometer.

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Tabulation of Measured Day-DA Field Strength Data

18.5 Degree True Radial

Point Number	Distance (KM)	1985 Proof (mV/m)	Date (2018)	Time (CDT)	Present (mV/m)	Present/1985 Ratio
6	4.01	6.2	07/27	1426	8.5	1.371
7 MP	5.60	6.2	"	1422	7.0	1.129
8	6.52	2.1	"	1417	5.6	2.667
9	7.26	1.8	"	1412	4.28	2.378
10	8.79	2.55	"	1406	3.5	1.373
11	9.90	2.3	"	1403	2.43	1.057
12	10.54	1.65	"	1358	1.5	0.909
13	11.52	2.8	"	1353	0.64	0.229
14	12.36	1.7	"	1351	1.15	0.676
15	14.02	1.75	"	1342	1.15	0.657

Radial Average Logarithmic Ratio		1.028
1985 DA-D Radial Unattenuated Field	(mV/m at 1.0 Kilometer)	25.8
Present DA-D Radial Unattenuated Field	(mV/m at 1.0 Kilometer)	26.5
Standard DA-D Field	(mV/m at 1.0 Kilometer)	39.1

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RADIO STATION WAIT
CRYSTAL LAKE, ILLINOIS
850 KHZ 2.5 KW DA-D

Tabulation of Measured Day-DA Field Strength Data

44.5 Degree True Radial

Point Number	Distance (KM)	1985 Proof (mV/m)	Date (2018)	Time (CDT)	Present (mV/m)	Present/1985 Ratio
7 MP	3.35	7.5	07/27	1003	11.5	1.533
8	4.88	7.0	"	1013	10.4	1.486
9	9.77	2.4	"	1033	3.05	1.271
10	10.35	3.0	"	1036	2.8	0.933
11	11.22	2.7	"	1040	3.45	1.278
12	13.08	1.9	"	1047	3.6	1.895
13	14.65	1.8	"	1056	2.05	1.139
14	16.74	1.5	"	1105	1.75	1.177
15	20.15	1.0	"	1122	0.9	0.900

Radial Average Logarithmic Ratio		1.258
1985 DA-D Radial Unattenuated Field	(mV/m at 1.0 Kilometer)	32.2
Present DA-D Radial Unattenuated Field	(mV/m at 1.0 Kilometer)	40.5
Standard DA-D Field	(mV/m at 1.0 Kilometer)	43.6

TECHNICAL EXHIBIT
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CHICAGO NEWSWEB CORPORATION
RADIO STATION WAIT
CRYSTAL LAKE, ILLINOIS
850 KHZ 2.5 KW DA-D

Tabulation of Measured Day-DA Field Strength Data

224.0 Degree True Radial

Point Number	Distance (KM)	1985 Proof (mV/m)	Date (2018)	Time (CDT)	Present (mV/m)	Present/1985 Ratio
6	4.25	8.0	07/27	1549	7.2	0.900
7 MP	4.72	3.5	"	1552	9.0	2.571
8	5.31	4.4	"	1557	5.0	1.136
9	6.60	3.2	"	1600	6.2	1.938
11	9.45	4.1	"	1610	3.6	0.878
12	10.59	2.9	"	1614	3.25	1.121
13	12.49	3.2	"	1648	3.15	0.984
14	15.08	2.05	"	1625	2.4	1.171
15	17.99	2.10	"	1638	1.35	0.643
16	20.49	1.55	"	1646	0.92	0.594

Radial Average Logarithmic Ratio		1.082
1985 DA-D Radial Unattenuated Field	(mV/m at 1.0 Kilometer)	29.8
Present DA-D Radial Unattenuated Field	(mV/m at 1.0 Kilometer)	32.2
Standard DA-D Field	(mV/m at 1.0 Kilometer)	39.3

APPENDIX

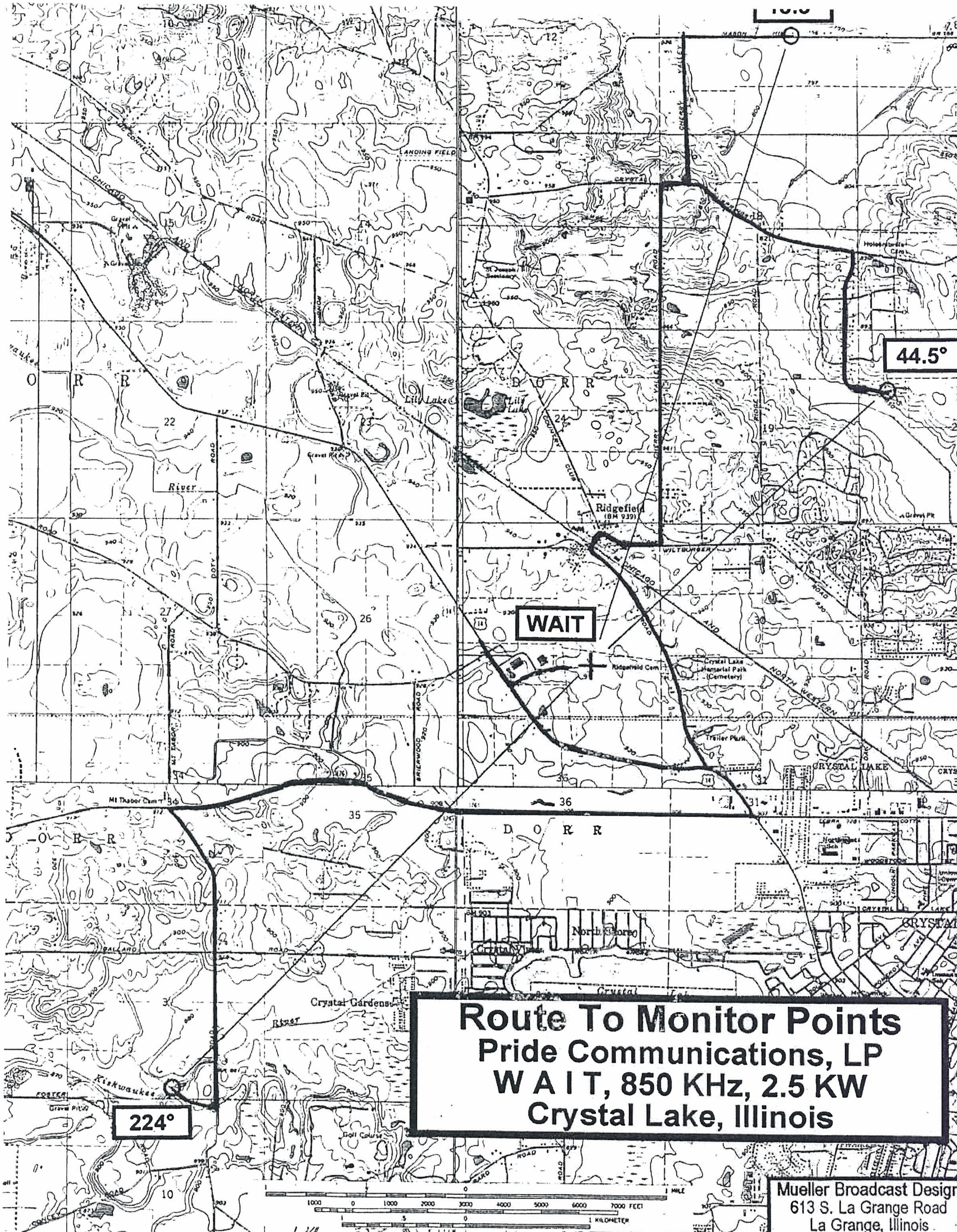
Monitor Point Locations from Partial Proof BZ-19950425AA

(Provided because the 224 degree monitor point
Information has been in error on the WAIT license)

Mueller Broadcast Design
613 S. LaGrange Rd
LaGrange, IL 60525

WAIT MONITOR POINT LOCATIONS

The three WAIT monitor points were established in 1985 when the last full proof-of-performance was done on this antenna. Since then, the surrounding area has been substantially developed and the monitor point descriptions have become less clear than they could be. Because of that, we are submitting new descriptions, photographs and route maps for each of the points. The 224° monitor point is being changed due to the unreliability of the presently licensed point, which is contaminated by reradiation from a recently constructed cellular telephone tower. The necessary documentation for these points follows.


44.5°
WAIT
224°
Route To Monitor Points
Pride Communications, LP
W A I T, 850 KHz, 2.5 KW
Crystal Lake, Illinois
Mueller Broadcast Design
613 S. La Grange Road
La Grange, Illinois

Mueller Broadcast Design
613 S. LaGrange Rd
LaGrange, IL 60525

WAIT-AM, CRYSTAL LAKE, ILLINOIS

DESCRIPTION AND STRENGTH OF MONITOR POINTS

18 Degree True North:

From the transmitter proceed to the East Entrance of Mchenry County Community College. Turn left onto U.S. Route 14(southeast) and proceed 1.12 miles to Ridgeland Road. Turn left (north) on Ridgeland Road and proceed 1.25 miles to Country Club Rd. Turn right (northeast) and proceed across the railroad grade crossing 0.11 mile to Hillside Road. Turn right (southeast) and proceed 0.32 mile to Cherry Valley Road. Turn left (north) and proceed 1.5 miles to Crystal Springs Road. Turn right (east) and proceed 0.14 mile to Cherry Valley Road. Turn left (north) and proceed 0.75 mile to Mason Hill Road. Turn right (east) and proceed 0.60 mile to the Monitor Point. The Point is on the north side of the road in front of a large tree. The Point is #7 on the Proof of Performance radial and is 3.48 miles from the center tower of the array. The measured field intensity should not exceed 10.9 mV/M .

Description revised February, 1995

View looking to the North

Mueller Broadcast Design
613 S. LaGrange Rd
LaGrange, IL 60525

WAIT-AM, CRYSTAL LAKE, ILLINOIS

DESCRIPTION AND STRENGTH OF MONITOR POINTS

44 Degree True North:

From the transmitter proceed to the East Entrance of Mchenry County Community College. Turn left onto U.S. Route 14(southeast) and proceed 1.12 miles to Ridgeland Road. Turn left (north) on Ridgeland Road and proceed 1.25 miles to Country Club Rd. Turn right (northeast) and proceed across the railroad grade crossing 0.11 mile to Hillside Road. Turn right (southeast) and proceed 0.32 mile to Cherry Valley Road.Turn left (north) and proceed 1.5 miles to Crystal Springs Road. Turn right (east) and proceed 1.09 miles to Red Barn Road. Turn right on Red Barn Road (south) and proceed 0.94 mile to Monitor Point. The Point is located 20 ft. to the left (west) of the mailbox at 7019 Red Barn residence. The Point is #7 on the Proof of Performance radial and is 2.08 miles from the center tower of the array. The measured field intensity should not exceed 8.68 mV/M.

Description revised February, 1995

View looking to the South

Mueller Broadcast Design
613 S. LaGrange Rd
LaGrange, IL 60525

WAIT-AM, CRYSTAL LAKE, ILLINOIS

DESCRIPTION AND STRENGTH OF MONITOR POINTS

224 Degree True North:

From the transmitter, proceed to the East Entrance of Mchenry County Community College. Turn left onto U.S. Route 14(southeast) and proceed 1.5 miles to Illinois State Route 176. Turn right (west) on Route 176 and proceed 2.98 miles to Haligus Road. Turn left (south) on Haligus Road and proceed .1.63 miles to Woodbine Road. Turn right (west) on Woodbine and proceed 0.28 mile to the Monitor Point. The Monitor Point is located on the south side of the three tube creek bridge. The Point is # 7 on the Proof of Performance radial and lies 2.98 miles from the center tower of the array. The measured field intensity at this point should not exceed 4.75 mV/M.

New point selected February, 1995

View looking to the Southwest