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.

SECTION I - APPLICANT FEE INFORMATION

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

Radio License Holding CBC, LLC

MAILING ADDRESS (Line 1) (Maximum 35 characters)
780 Johnson Ferry Road

MAILING ADDRESS (Line 2) (Maximum 35 characters)
Suite 500

CITY	STATE OR COUNTRY (if foreign address)	ZIP CODE
Atlanta	Georgia	30342

TELEPHONE NUMBER (include area code)	CALL LETTERS	OTHER FCC IDENTIFIER (If applicable)
404.949.0700	WSKO(AM)	50515

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):
Direct measurement application

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	(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
$	

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SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Radio License Holding CBC, LLC		
MAILING ADDRESS 780 Johnson Ferry Road, Suite 500		
CITY Atlanta	STATE Georgia	ZIP CODE 30342

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
WSKO	Syracuse, NY	N/A	N/A	N/A

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. A

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. N/A

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. N/A

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.

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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	Signature	
Richard S. Denning	Richard S. Denning	
Title	Date	Telephone Number
Executive VP and General Counsel	05/ 8 /2023	404.949.0700

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
Radio License Holding CBC, 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
WSKO	N/A	1260	unlimited	5.0	5.0

2. Station location

State	City or Town
NY	Syracuse

3. Transmitter location

State	County	City or Town	Street address (or other identification)
NY	Onondaga	DeWitt	265 Andrews Road, near I-481

4. Main studio location

State	County	City or Town	Street address (or other identification)
NY	Onondaga	Syracuse	1064 James Street

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

State	County	City or Town	Street address (or other identification)
NY	Onondaga	Syracuse	1064 James Street

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. N/A

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	8.52

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	69	+j0	+j138

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 NW	0	-----	0.880	-----		
2 SW	137	-----	0.990	-----		
3 SE	-103	-----	1.015	-----		
4 NE	118.5	-----	1.000	-----		

Manufacturer and type of antenna monitor: Potomac AM 1901-4

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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.
vertical, uniform cross-section guyed towers	62.5	64.6	65.5	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
43 o 01 ' 32 "	76 o 03 ' 55 "

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?

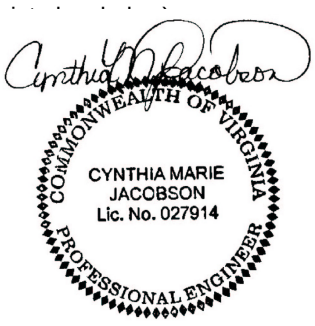
N/A

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

N/A

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 appro
Cynthia M. Jacobson	
Address (include ZIP Code) Carl T. Jones Corp. 7901 Yarnwood Ct. Springfield, VA 22153	Date 05/05/2023 Telephone No. (Include 703-569-7704



☐ Technical Director ☑ Registered Professional Engineer

☐ Chief Operator ☐ Technical Consultant

☐ Other (specify)

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Radio License Holding CBC, LLC
Station WSKO(AM), Syracuse, New York
FCC Form 302-AM
May 2023

Exhibit A

Because Station WSKO(AM) operates directionally at night it is not entitled to automatic Program Test Authority pursuant to Section 73.1620(a)(4). The Station is currently operating according to Special Temporary Authority. *See* BSTA-20210921AAJ, recently extended via BESTA-20230327AAE, granted 04/05/2023, which will expire 10/02/2023.

Consulting Engineers
CTJC
CARL T. JONES CORPORATION

STATEMENT OF CYNTHIA M. JACOBSON, P.E
IN SUPPORT OF
A REQUEST FOR CHANGE
IN MONITOR POINT LOCATION
WSKO- SYRACUSE, NEW YORK
1260 kHz – 5.0 kW DAY/5.0 kW NIGHT – DA-N
FACILITY ID: 50515

Licensee: Radio License Holding CBC, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia.

My education and experience are a matter of record with the Federal Communications Commission. I am a Registered Professional Engineer in the Commonwealth of Virginia, Registration No. 0402027914.

This office has been authorized by Radio License Holding CBC, LLC ("RLH"), licensee of Radio Station WSKO, Syracuse, New York, to prepare this statement and associated exhibits in support of an application to change the monitoring location specified on the current instrument of authorization in the direction of 189.5 degrees True. This change in location is necessary because the point is no longer accessible as it is on private property which has now been posted. In addition, the 75 ohm sample lines were replaced with 50 ohm, equal length, sample lines and the antenna monitor was replaced. WSKO is currently operating pursuant to an STA[1] to operate

[1] FCC File No. BSTA-20210921AAJ, last extended by FCC File No. BESTA-20230327AAE.

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nondirectional at night with 1.25 kW until the antenna monitor and sample lines are replaced along with repairs to the ground system. The repairs have been completed and the necessary measurements have been conducted and are included herein.

In accordance with Section 73.158(a)(1) and (b), a change in the monitor point location on the 189.5 degree radial from point 9 to point 8 is requested. A partial Proof-of-Performance for the 189.5 degree radial is submitted herein.

Nondirectional and Directional field strength measurements were made on the 189.5 degree radial at the points established in the 2001 proof-of-performance. Measurements were taken during the time period between two hours after local sunrise and two hours before local sunset. The nighttime common point current was 10.4 amperes for an antenna input power of 5.4 kW.

Field strength measurements contained herein were made by the chief engineer, Dave Edwards. Mr. Edwards is experienced in performing field strength measurements on directional antenna systems. The meter used in the measurements was a Potomac Instruments/PI 4100, Serial No. 337, calibrated July 11, 2022.

The nighttime directional field strength measurements were performed at the same locations as measured in the 2001 Proof-of-Performance. For each measurement location, a nondirectional and directional field strength was measured. A logarithm ratio of the 2023 directional antenna field strength to the 2023 nondirectional antenna field strength was calculated for each measurement location. The antilogarithm of the average was multiplied by the measured 2001 nondirectional inverse distance field to determine the 2023 directional inverse distance field. A

tabulation and analysis of the night field strength data for the 189.5 degree nighttime radial is contained in Figure 1. Based on the measurement data, the calculated 2023 nighttime directional inverse distance field on the 189.5 degree monitored radial is 32.9 mV/m at one kilometer. The corresponding standard night pattern value is 40.2 mV/m at one kilometer. A summary is tabulated below.

Azimuth in degrees/ Mode	2001 Measured ND IDF mV/m	Std Pattern IDF mV/m	Monitor Point Distance (km)	Monitor Point Reading mV/m
189.5 (Night)	680.0	40.2	5.10	1.15

Attached as Figure 2 is a description and photograph of the measurement location selected as the new monitoring point for the 189.5 degree radial. Previously, point 9 at 8.3 kilometers was the specified monitor point location on the 189.5 degree night radial. The new monitor point location selected is point 8 at 5.10 kilometers, corresponding to the WSKO 2001 proof-of-performance data.

Unfortunately, “before” readings/measurements were not conducted prior to the antenna monitor being replaced. It has been verified with “after” readings that the monitor points are within the specified FCC maximums and the common point current, along with the antenna monitor phase and current readings are all within tolerances. A summary is tabulated below.

Radial (deg. True)	Distance (kilometers)	Measured Field Strength (mV/m at 1 km)	FCC Issued Maximum Field Strength (mV/m)
98	2.77	13.1	14.42
189.5	8.30	1.15	1.44
250.0	4.47	6.24	18.36

SUMMARY

It is requested that a new license be issued to reflect the pertinent data associated with the modification of the nighttime 189.5 degree monitoring point.

This statement and attached exhibits were prepared by me or under my direction and are believed to be true and correct.

May 5, 2023

TABULATION OF FIELD STRENGTH MEASUREMENT DATA
STATION WSKO - SYRACUSE, NEW YORK
1260 kHz - 5.0 kW DAY/5.0 kW NIGHT - DA-N

189.5 Degrees True Nighttime Radial

2001 Proof Point Number	Distance (kilometers)	5.0 kW, ND Date	Time (local)	Field Strength (mV/m)	5.0 kW, DA-N Date	Time (local)	Field Strength (mV/m)	Ratio (DA-D/ND)	Log Ratio (DA-D/ND)
3	1.61	4/7/2023	1150	164	4/7/2023	1536	6.01	0.0366	-1.4360
4	3.01	4/7/2023	1157	65.6	4/5/2023	1514	4.64	0.0707	-1.1504
5	3.41	4/7/2023	1202	92.3	4/5/2023	1326	3.11	0.0337	-1.4724
6	3.83	4/3/2023	1411	38.8	4/5/2023	1331	1.1	0.0284	-1.5474
7	4.84	4/3/2023	1416	48.15	4/5/2023	1335	1.48	0.0307	-1.5123
8 MP	5.10	4/3/2023	1618	38.3	4/5/2023	1338	1.15	0.0300	-1.5225
9	8.30								
10	9.58	4/3/2023	1429	7.14	4/5/2023	1357	0.358	0.0501	-1.2998
11	11.39	4/3/2023	1439	10.8	4/5/2023	1402	0.434	0.0402	-1.3959
12	15.11	4/3/2023	1508	4.39	4/5/2023	1410	0.173	0.0394	-1.4044
13	15.43	4/11/2023	1511	3.85	4/11/2023	1435	0.216	0.0561	-1.2510
14	17.30	4/3/2023	1514	3.11	4/5/2023	1424	0.292	0.0939	-1.0274
15	17.70	4/11/2023	1505	2.63	4/11/2023	1443	0.321	0.1221	-0.9135
16	22.88	4/11/2023	1455	1.52	4/11/2023	1450	0.169	0.1112	-0.9540
17	25.67	4/7/2023	1250	1.12	4/7/2023	1353	0.0425	0.0379	-1.4208
18	26.39	4/7/2023	1328	1.63	4/7/2023	1334	0.0361	0.0221	-1.6547
19	29.27	4/3/2023	1547	1.43	4/7/2023	1340	0.12	0.0839	-1.0762
							Average Ratio	0.0401	-1.3149
							Antilog of Average		0.0484

FIGURE 1

Figure 2

<u>189.5 Degrees True Radial</u>

The measurement point is located on the northwest corner of Apulia and Coye Roads, at the center of the southern edge of the gravel lot, Jamesville, New York.

Point Number:	8
Distance from transmitter site:	5.10 kilometers
Nighttime measured field strength:	1.15 mV/m

MONITORING POINT DESCRIPTION AND PHOTOGRAPH
STATION WSKO – SYRACUSE, NEW YORK
1260 kHz – 5.0 kW DAY/5.0 kW NIGHT - DA-N
MAY, 2023

Consulting Engineers
CTJC
CARL T. JONES CORPORATION