

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)

CSN International, Inc.

MAILING ADDRESS (Line 1) (Maximum 35 characters)

P.O. Box 391

MAILING ADDRESS (Line 2) (Maximum 35 characters)

4002 N. 3300 E.

CITY

Twin Falls

STATE OR COUNTRY (if foreign address)
ID

ZIP CODE
83303

TELEPHONE NUMBER (include area code)
(208) 733-3133

CALL LETTERS
WTZE

OTHER FCC IDENTIFIER (If applicable)
Facility ID No. 64664

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		

(B)

FEE MULTIPLE			
0	0	0	1

(C)

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

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
---	---	---	---

(C)

\$

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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

\$

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SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT CSN International, Inc.		
MAILING ADDRESS P.O. Box 393; 4002 N. 3300 E.		
CITY Twin Falls	STATE ID	ZIP CODE 83303

2. This application is for:

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

Call letters WTZE	Community of License Tazewell, VA	Construction Permit File No. BP-20220105AAD	Modification of Construction Permit File No(s). N/A	Expiration Date of Last Construction Permit 3/28/2025
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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

Exhibit No.

If No, explain in an Exhibit.

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

☒ Yes ☐ No

Exhibit No.

If No, state exceptions in an Exhibit.

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

Exhibit No.

If Yes, explain in an Exhibit.

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

Exhibit No.

If No, explain in an Exhibit.

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

Exhibit 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.

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).

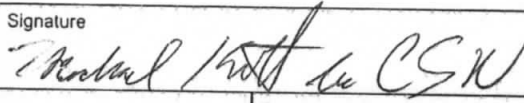
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

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 Michael Kestler	Signature 	
Title President	Date 5/10/22	Telephone Number (208) 733-3133

**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

CSN INTERNATIONAL, INC.

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)



Station License



Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign WTZE	File No. of Construction Permit (if applicable) BP-20220105AAD	Frequency (kHz) 1470	Hours of Operation DAYTIME	Power in kilowatts	
				Night ---	Day 1.0

2. Station location

State VIRGINIA	City or Town TAZEWELL
--------------------------	---------------------------------

3. Transmitter location

State VA	County TAZEWELL	City or Town TAZEWELL	Street address (or other identification) 371 RADIO HILL ROAD
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4. Main studio location

State ---	County NO LONGER REQUIRED	City or Town ---	Street address (or other identification) ---
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5. Remote control point location (specify only if authorized directional antenna)

State ---	County ---	City or Town ---	Street address (or other identification) ---
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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

NON DIRECTIONAL - NOT APPLICABLE

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 ---		RF common point or antenna current (in amperes) without modulation for day system 2.92	
Measured antenna or common point resistance (in ohms) at operating frequency Night ---	Day 117.1	Measured antenna or common point reactance (in ohms) at operating frequency Night ---	Day +141.9

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
---	---	---	---	---	---	---

Manufacturer and type of antenna monitor:

DOES NOT APPLY

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 UNIFORM CROSS-SECTION, GUYED, STEEL TOWER	Overall height in meters of radiator above base insulator, or above base, if grounded. 54.8	Overall height in meters above ground (without obstruction lighting) 56.1	Overall height in meters above ground (include obstruction lighting) 56.1	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. Exhibit No. ---
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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	37 °	07 '	57 "	West Longitude	81 °	33 '	21 "
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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.
**FIG 2 FROM CP
APPLICATION**

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions Of ground system.

Exhibit No.

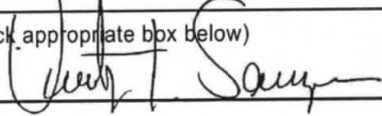
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

NO CHANGES ARE REPORTED

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

CP REDUCES DAYTIME POWER ONLY - NO MODIFICATIONS TO THE ANTENNA SYSTEM OCCURRED.

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) TIMOTHY Z. SAWYER	Signature (check appropriate box below) 
T Z SAWYER TECHNICAL CONSULTANTS 2130 HUTCHISON GROVE COURT, SUITE 100 FALLS CHURCH, VA 22043	Date 5/11/2022
	Telephone No. (Include Area Code) (703) 848-2130

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☐ Technical Consultant

☒ Other (specify) **CONSULTING ENGINEER**

T Z SAWYER TECHNICAL CONSULTANTS

2130 HUTCHISON GROVE COURT, SUITE 100
FALLS CHURCH, VA 22043 USA
Tel: (703) 848-2130 / (202) 642-2130

WTZE (AM) 1470 KHZ
CLASS D AM STATION
TAZEWELL, VA
FCC FACILITY ID: 64664

CSN INTERNATIONAL, INC.
CONSTRUCTION PERMIT: BP-20220105AAD

LICENSE TO COVER - ENGINEERING STATEMENT

All specifications and conditions set forth in the WTZE (AM) Construction Permit have been fully met, and the facility is ready for licensing.

The construction permit authorized a simple reduction in daytime operating power to 1-kilowatt. No other changes were proposed. The facility operates with a non-directional antenna system. No modification or construction occurred, this application covers simply a reduction in daytime non-directional operating power.

No changes or deviations from that authorized in the underlying construction permit have occurred. No "changes" are reported. The construction permit contained TWO special operating conditions.

The licensee/applicant accepts all special operating conditions as listed on the construction permit. No unusual conditions were specified.

Existing Tower Mounted Antennas

A detailed sketch of "other" tower mounted antennas is provided with this filing. This exhibit/figure is extracted from the underlying construction permit application and no changes have occurred.

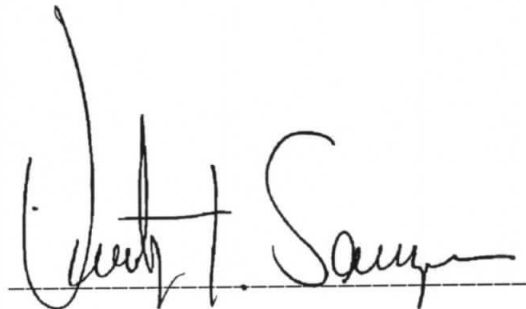
Direct Measurement of Power

Antenna impedance measurements are included within this statement.

The station is operating under the provision of automatic program test authority as authorized in the underlying construction permit and 47 CFR §73.1620(a)(1).

May 11, 2022

Timothy Z. Sawyer, Consulting Engineer
T Z Sawyer Technical Consultants
2130 Hutchison Grove Court, Suite 100
Falls Church, VA 22043

A handwritten signature in black ink, appearing to read "Timothy Z. Sawyer", is written over a horizontal line.

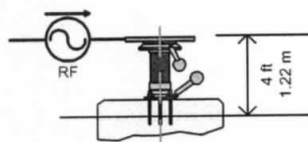
Writers Direct Dial Number: 703-848-2130
e-Mail to: tzsawyer@tzsawyer.com

WTZE AM TOWER
FCC ASR # NOT
REQUIRED

NAD27 DATUM ROUNDED TO
NEAREST SECOND
37-07-57 N. LAT
81-33-21 W. LON

TYPICAL AM TOWER GUY WIRES
WITH INSULATORS

UNIFORM CROSS-SECTION GUYED STEEL TOWER
SERIES FED AM RADIATOR
96.8 ELECTRICAL DEGREES AT 1470 KHZ



TYPICAL AM BASE INSULATOR

GROUND ELEVATION: 2615 ft 797.1 m

OVERALL HEIGHT

W238DB
FMX
V-POL
53 m AGL

AM RADIATOR - HEIGHT ABOVE BASE INSULATOR
180 ft 54.8 m

HEIGHT WITHOUT OBSTRUCTION LIGHTING
184 ft 56.1 m

TOWER OVERALL HEIGHT
184 ft 56.1 m AGL

**T Z SAWYER TECHNICAL
CONSULTANTS**

Tel.: (703) 848-2130
www.tzsawyer.com

WTZE AM TOWER

TAZEWELL, VIRGINIA

**FIGURE
2**

FALL CHURCH, VIRGINIA 22043-2555

SIZE

CAGE NO

DWG NO

REV

A

N/A

20211222WTZE.F2

NONE

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SCALE

1" = 30 ft
Vertical only

DECEMBER 2021

SHEET

WTZE-AM IMPEDANCE MEASUREMENTS

FREQUENCY (Kilohertz)	RESISTANCE (Ohms)	REACTANCE (Ohms)
1440	103.6	+126.0
1445	105.6	+128.6
1450	106.9	+131.4
1455	108.8	+133.7
1460	110.7	+136.2
1465	113.8	+139.1
1470 Fo	117.1	+141.9
1475	119.7	+144.2
1480	122.3	+146.6
1485	125.1	+148.8
1490	127.9	+150.9
1495	130.8	+153.9
1500	133.5	+156.7

Using the resistance value at operating frequency the TPO was adjusted to 2.92 amperes base current for an operating power of 1.0 kilowatts.

The tower is series fed. A Kintronics isocoupler is being utilized at the base of the tower. The FM translator antenna is being fed by 1/2" transmission line. April 18, 2022.

Measurements made by
Mr. Richard Pogson, Consulting Engineer
(814) 474-5129

RPOGSON@AOL.COM