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| Federal Communications Commission Washington, D.C. 20554 | Approved by OMB 3060-0386 (July 2002) | FOR FCC USE ONLY |
| Engineering STA | | FOR COMMISSION USE ONLY |
| Read Instructions/FAQ before filling out form | | FILE NO. BSTA - 20210720AAJ |

Section I - General Information

| | | | |
|----|--|---|---|
| 1. | Legal Name of the Applicant STU-COMM, INC. | | |
| | Mailing Address 2250 OLD IVY ROAD SUITE #2 | | |
| | City CHARLOTTESVILLE | State or Country (if foreign address) VA | Zip Code 22903 - |
| | Telephone Number (include area code) 4349714096 | | E-Mail Address (if available) MANAGER@WNRN.ORG |
| | FCC Registration No 0006565709 | Call Sign W276BZ | Facility ID Number 158513 |
| 2. | Contact Representative (if other than licensee/permittee) DAVID OXENFORD | Firm or Company Name WILKINSON BARKER KNAUER, LLP | |
| | Mailing Address 1800 M STREET, N.W. SUITE 800N | | |
| | City WASHINGTON | State or Country (if foreign address) DC | ZIP Code 20036 - |
| | Telephone Number (include area code) 2027834141 | | E-Mail Address (if available) DOXENFORD@WBKLAW.COM |
| 3. | Purpose: | | |
| | <input checked="" type="radio"/> Engineering STA | | |
| | <input type="radio"/> Extension of Existing Engineering STA | | |
| | <input type="radio"/> Legal STA | | |
| | <input type="radio"/> Extension of Existing Legal STA | | |
| 4. | Service: FX | | |
| 5. | Community of License: City: RICHMOND State: VA | | |
| 6. | If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input type="radio"/> N/A (Fee Required) | | |

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

- | | |
|------|------------------|
| 7.1. | Channel: 276 |
| 7.2. | Primary Station: |

| | | | |
|---------------------|-----------|----------|-------|
| Facility Identifier | Call Sign | City | State |
| 67683 | WFTH | RICHMOND | VA |

7.3. Delivery Method (Select One):
 Off-air Microwave Satellite Via Other

7.4. Antenna Location Coordinates: (NAD 27)
 Latitude:
 Degrees 37 Minutes 30 Seconds 2 North South
 Longitude:
 Degrees 77 Minutes 27 Seconds 28 West East

7.5. Antenna Structure Registration Number:
 Not Applicable Notification filed with FAA

7.6. Antenna Location Site Elevation Above Mean Sea Level: 50 meters

7.7. Overall Tower Height Above Ground Level: 20 meters

7.8. Height of Radiation Center Above Ground Level: 15 meters(H) 15 meters(V)

7.9. Effective Radiated Power: 0.25 kW(H) 0.25 kW(V)

7.10. Transmitting Antenna:
 Before selecting Directional "Off-the-Shelf", refer to "Search for Antenna Information" under CDBS Public Access (http://licensing.fcc.gov/prod/cdb/publicacc/prod/cdb_pa.htm). Make sure that the Standard Pattern is marked Yes and that the relative field values shown match your values. Enter the Manufacturer (Make) and Model exactly as displayed in the Antenna Search.
 Nondirectional Directional "Off-the-shelf" Directional composite
 Manufacturer SWR Model FMEC
 Rotation: 0degrees No Rotation

| Degrees | Value | Degrees | Value | Degrees | Value | Degrees | Value | Degrees | Value | Degrees | Value |
|---------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| 0 | 0.422 | 10 | 0.661 | 20 | 0.896 | 30 | 1 | 40 | 1 | 50 | 1 |
| 60 | 1 | 70 | 1 | 80 | 1 | 90 | 1 | 100 | 1 | 110 | 1 |
| 120 | 1 | 130 | 1 | 140 | 1 | 150 | 1 | 160 | 1 | 170 | 1 |
| 180 | 1 | 190 | 1 | 200 | 1 | 210 | 1 | 220 | 1 | 230 | 1 |
| 240 | 1 | 250 | 1 | 260 | 1 | 270 | 1 | 280 | 1 | 290 | 1 |
| 300 | 1 | 310 | 1 | 320 | 0.913 | 330 | 0.72 | 340 | 0.555 | 350 | 0.426 |
| Additional Azimuths | | 355 | 0.4 | | | | | | | | |

8. **For FM Boosters and Fill-in translators only.** Applicant certifies that the proposal is for a fill-in translator or booster station entirely within the primary station's protected contour. Yes No
 N/A
 See Explanation in [Exhibit 7];

9. **Interference.** The proposed facility complies with all of the following applicable rule sections. Check all that apply: Yes No
 See Explanation in [Exhibit 8]
Overlap Requirements.
 a) 47 C.F.R. Section 74.1204 [Exhibit 9]
Exhibit Required.

| | | |
|------|--|--|
| | Television Channel 6 Protection. (Ch 201 - 220 only) <input type="checkbox"/> b) 47 C.F.R. Section 74.1205 with respect to station(s) Exhibit Required. | [Exhibit 10] |
| 10.. | Environmental Protection Act. Applicant certifies that the proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an Exhibit is required. By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines. | <input checked="" type="radio"/> Yes <input type="radio"/> No See Explanation in [Exhibit 11] |
| 11. | Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1)the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought. | [Exhibit 12] |
| 12. | Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862. | <input checked="" type="radio"/> Yes <input type="radio"/> No |

I certify that I have prepared Engineering Data on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

| | | | |
|--|--|---|---------------------|
| Name LARAMIE GUEST | | Relationship to Applicant (e.g., Consulting Engineer) TECHNICAL CONSULTANT | |
| Signature | | Date (mm/dd/yyyy) 07/20/2021 | |
| Mailing Address GUEST TECHNOLOGY 1332 WYNBROOK TRACE | | | |
| City MOUNT PLEASANT | | State or Country (if foreign address) SC | Zip Code 29466 - |
| Telephone Number (No dashes or parentheses, include area code) 8434105881 | | E-Mail Address (if available) LARAMIE@GUESTTECHNOLOGY.COM | |

I hereby 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. I acknowledge that all certifications and attached Exhibits are considered material representations.

| | | | |
|--|--|---|--|
| Typed or Printed Name of Person Signing MARTIN CONN | | Typed or Printed Title of Person Signing TREASURER OF THE BOARD OF DIRECTORS | |
| Signature | | Date (mm/dd/yyyy) 07/20/2021 | |

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 PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Exhibits

Attachment 7

| Description |
|---|
| W276BZ STA - License vs STA Request |

Attachment 11

| Description |
|---------------------------------|
| FM Model Output |

Exhibit 12

Description: STA REQUEST

APPLICANT'S CURRENT TOWER HAS BECOME A SAFETY HAZARD AND IS BEING DEMOLISHED. APPLICANT IS RELOCATING TO A POLE IMMEDIATELY ADJACENT THE CURRENT SITE UNTIL THE REPLACEMENT TOWER IS CONSTRUCTED. THE STEEL FOR THE TOWER IS ORDERED AND THE CONSTRUCTION OF THE TOWER SHOULD BE COMPLETED IN THE NEXT FEW WEEKS ASSUMING THERE ARE NO WEATHER OR OTHER UNFORESEEN DELAYS.

Attachment 12
